

# KÄRCHER

makes a difference



**KÄRCHER**  
Professional

## PROGRAMME 2017

Professional







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# FOR OUR EVERYDAY HEROES:

Do you enjoy daily challenges? Do you enjoy new tasks? Do you give your all, because you do not do things by halves? Our industries, professions and activities may be different, but we all share the same passion for quality and performance. And have done for over 80 years. Because no job is too difficult for you, we build products that allow you to complete your tasks quickly and easily. The best technology for the best in your profession. For professionals, from professionals.







# FOR EVERYTHING. FOR PROFESSIONALS. FOR YOU.





Professionals today do not need general machines that can all do a little, but rather targeted solutions that complete specific tasks efficiently. Preferably a complete solution, as a functional, balanced system. For this reason, we constantly analyse the needs of all relevant industries in order to understand them better and recognise trends at an early stage. The result is innovative and efficient industrial solutions that fulfil their purpose in an exemplary manner. Robust and reliable. Efficient and economical. Lightweight and quiet. Handy and hygienic. That is the Kärcher system.







## RETAINING VALUE. WORLDWIDE.

The more Kärcher products you use, the more you get out of them. And the more your customers, the environment, culture – and above all people – get out of them. All over the world, people are increasingly placing their trust in our cleaning systems. In monasteries on the roof of the world and on the facades of the tallest buildings. In stadiums and on world-famous monuments. For archaeological excavations, as well as sport and leisure. Our technology reliably delivers top performance under all conditions. For retaining value, for greater hygiene and health, for greater profitability, efficiency and sustainability. And for making the world not just cleaner, but better.









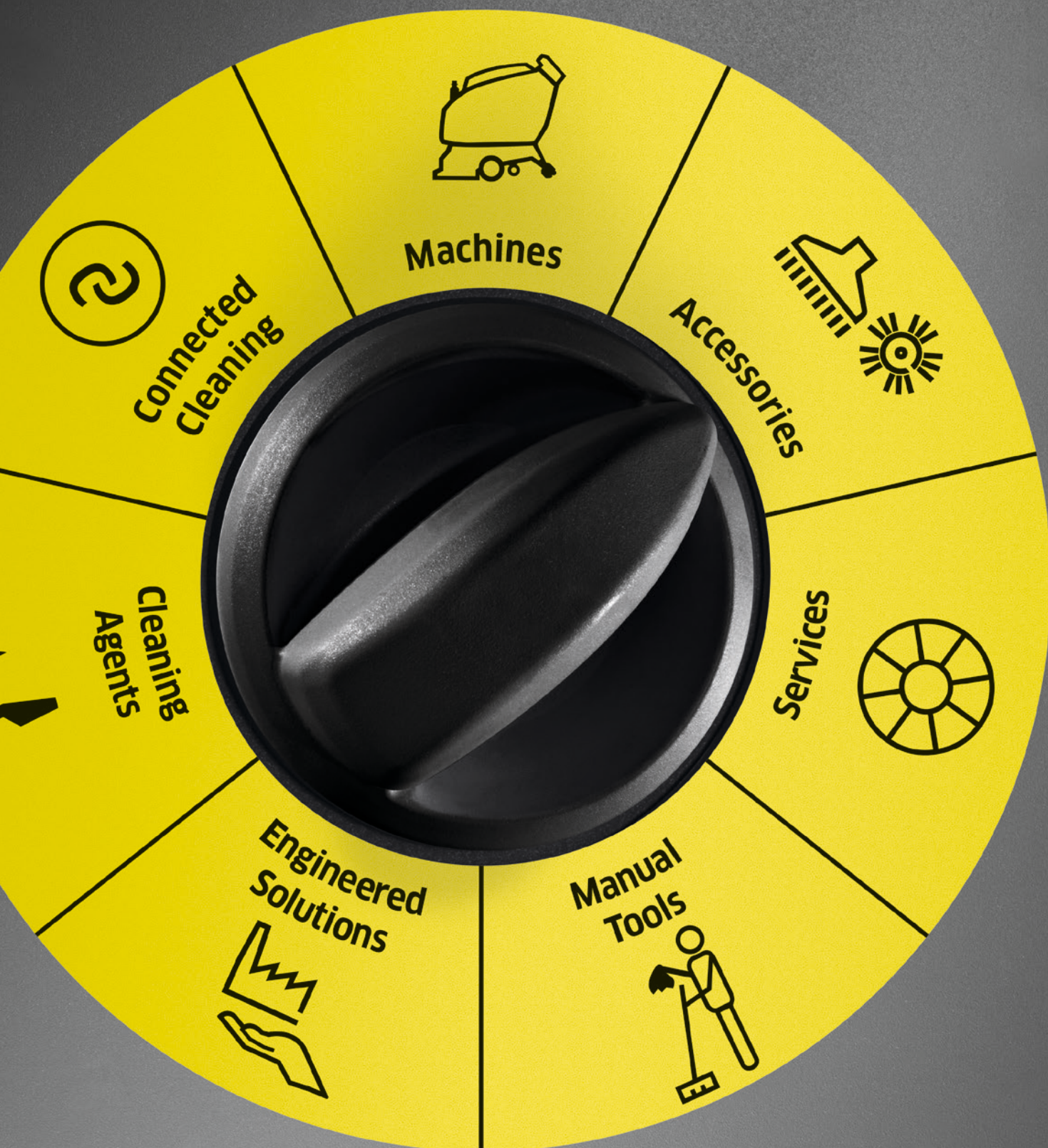
# THE KÄRCHER SYSTEM.

Kärcher's development into a system provider follows the principle of achieving more together. In the company itself, as with suppliers and particularly with end users, solutions that benefit all parties are sought together. For innovative products and services that are combined to create an optimised system: the Kärcher System. Crucially, by using the Kärcher system, the most important – and ideally all – requirements and needs of the customer are completely fulfilled.

As a system supplier, Kärcher does not want to offer anything and everything, but only what operators need for their individual cleaning system. It is not the available range that is decisive, but the actual demand. It is important to have an answer to all questions relating to performance, efficiency and sustainability. A system that consists of machines, accessories, cleaning agents, services and digital solutions that can be easily integrated into operating procedures and adds value. A system that makes a difference: the Kärcher System.









# THE BEST SOLUTION ALWAYS HAS A SYSTEM.



## Using solar energy efficiently

With the iSolar 800 brush and one of our telescopic lances, you can reach every spot on your photovoltaic or solar-thermal energy system. The RM 99 cleaning agent specially developed for this dissolves any dirt and protects the sensitive solar modules. This increases the efficiency of the system by up to 20%.

## Tackling weeds biologically

Removing weeds with chemicals or mechanical methods is less environmentally friendly or very cost-intensive. With our weed nozzle WR 50, you can apply hot water deep down to the roots, effectively and sustainably destroying weeds.

## Cleaning and disinfecting with foam

Our cup foam lance with 1-litre container and infinite cleaning agent dosing is handy and versatile. With this, you can lather vehicles and surfaces in the food industry, for example, to achieve first-class cleaning results.

**All-round cleaning**

For stubborn dirt on vehicles and facades, with our rotating wash brushes you can achieve excellent cleaning results even in the low-pressure range. The brush inserts are replaceable.

**Optimal preparation of barrels**

We have developed the BC 14/12 with integrated suction for all containers and barrels with a bunghole width of at least 50 mm, and specially for valuable oak barrels. Making cleaning faster, more thorough and better for you.

**Powerful cleaning of surfaces**

If you want to clean large to very large surfaces without spray water, our surface cleaners FRV 30 ME or FRV 50 ME feature a hot water-resistant stainless steel casing, double ceramic bearings and an integrated suction hose connection.



# KÄRCHER SERVICES



**You manage your business.**

**We provide the support.**

Things can be much easier when people's talents are combined. Because it is simply more successful to pursue common goals, to complement each other, and to learn from one another. One could call it the principle of progress. We call it Kärcher Services. A promise of partnership. From professionals for professionals.



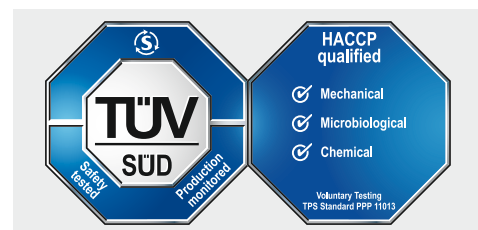
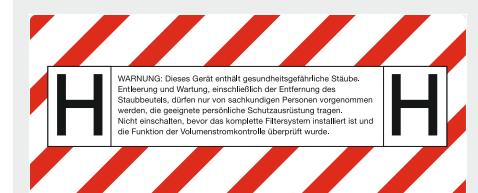
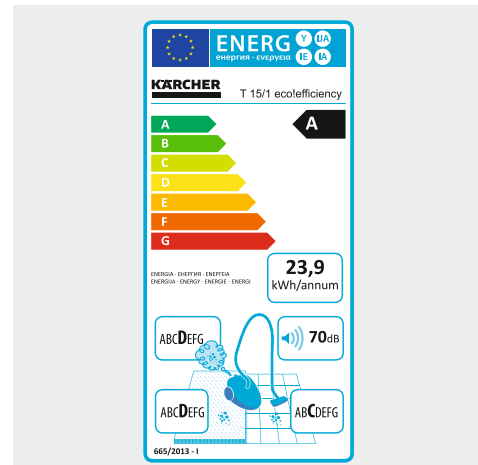
# CONNECTED CLEANING



**The future of cleaning is now.**

With Connected Cleaning, we are developing a digital product portfolio for you in which all elements work together perfectly. In the first step, we are bringing two great digital products together on a joint platform. Combined in a single piece of software, Kärcher Fleet and Kärcher Manage connect the entire infrastructure of your cleaning fleet and generate effective synergies. Take the first step into the world of digitalised cleaning and discover how quickly you can convert hidden potential into savings.









- High Cleaning Efficiency
- Low Energy Consumption
- Low Water Consumption

**EFFICIENCY**

**Certified**

**FOR A CLEAN ENVIRONMENT**

ACC. IEC/EN 62826 and TS EUCle 35000

**TNO** innovation  
for life

**KÄRCHER**

Water dispensers WPD 100, 200, 600

**Drinking water  
Quality water\***

\*Approved by an  
accredited laboratory

Approved by an  
accredited laboratory

Hygiene requirements  
set out in DVGW  
worksheet W 516,  
section 4.2\*

**KÄRCHER**  
WPD water dispenser  
\*not in machines with thermal disinfection



**a**  
**ACHTUNG  
ENTHÄLT  
ASBEST**

**Gerät für Asbest**

gemäß  
**TRGS 519**

# TRUST HAS TO BE EARNED.

As a professional, you place the highest demands on your machines and equipment: our aim is to meet these demands. But, we would not be Kärcher if we were satisfied with that. Because we are also professionals. And because we want to earn your trust. Time and again. That is why we do more. And you get more. More functionality and efficiency. More solutions and innovative services. More certifications and more sustainability. And with that – simply more success.

Our success as a company has always been inextricably linked with Alfred Kärcher and the values that he personified and put into practice. With his passion for people. And this will not change in the future. Thank you for your trust.



# SUSTAINABILITY IS MORE THAN ENVIRONMENTAL PROTECTION.



BLUECOMPETENCE  
Alliance Member

Partner of the Engineering Industry  
Sustainability Initiative

## Less is more. And less can do more

The primary aim of Kärcher eco!efficiency is to reduce the consumption of resources and energy with a cleaning performance that is tailored to specific applications. In order to calculate the possible savings in energy and CO<sub>2</sub> emissions over the service life of the machine and render them comparable, these were calculated based on the example of our T 12/1 and T 12/1 eco!efficiency dry vacuum cleaners. TÜV SÜD Industrie Service GmbH verified and confirmed the plausibility of the methodology for calculating greenhouse gas emissions in the utilisation phase of the T 12/1 eco!efficiency against benchmarks. Based on this methodology, Kärcher calculated that all T 12/1 eco!efficiency dry vacuum cleaners sold to date will save around 6,000 tonnes of CO<sub>2</sub> emissions throughout their service life. All Kärcher eco!efficiency machines in total will save about 2.5 million tonnes of CO<sub>2</sub> emissions.

## Working for a better world: BlueCompetence

Blue is the colour of sustainability, which takes into account cost-efficiency, environment and society. The "BlueCompetence" initiative, supported by the Verband Deutscher Maschinen- und Anlagenbau e.V. (VDMA), includes about 400 companies and organisations with one common goal: to ensure quality of life on our planet for years to come.

## Do more with less energy

The CO<sub>2</sub> emissions savings of all machines are equivalent to about 1.5 million flights from London to New York\*. These figures clearly demonstrate how much energy and emissions can be saved by using Kärcher eco!efficiency cleaning appliances. When it comes to climate protection, less is always more – and achieves more.

\* 1.7 tonnes of CO<sub>2</sub> per flight.



Sustainability means conducting business fairly, with a sense of responsibility towards people and the environment. For Kärcher, sustainability is a firmly anchored corporate goal, practised for decades: a sound financial situation and appropriate earnings achieved in fair dealings with others, along with the responsible use of resources.



#### Climate-neutral cleaning

We cannot produce anything without emissions. But we can completely offset greenhouse gas (CO<sub>2</sub>) emissions in order to neutralise their effects on the environment. And you can also do this for your industry. For a small surcharge, you can offset the CO<sub>2</sub> emissions of your Kärcher cleaning appliances so that they are climate-neutral over their entire operating life.

These contributions, yours and ours, are used to fund a certified climate protection project by ClimatePartner: for example, "water treatment in West Kenya" gives millions of people access to clean drinking water. Through the use of filter systems for water treatment, 2.1 million tonnes of CO<sub>2</sub> are saved annually in the form of firewood. At the same time, sustainable jobs for several thousand people are created. A project that is useful for everyone, completely transparent and accountable. Your sales advisor can explain how you can benefit from climate-neutral cleaning.



## THE FUTURE IS CONNECTED.

With Connected Cleaning, we are developing a digital product portfolio for you in which all elements work together perfectly. In the first step, we are bringing two great digital products together on a joint platform. Combined in a single piece of software, Kärcher Fleet and Kärcher Manage connect the entire infrastructure of your cleaning fleet and generate effective synergies. Through Connected Cleaning, you get a completely new and transparent information basis. Using this, you can make decisions more easily, increase efficiency and thus work more economically.



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# Connected Cleaning



## Kärcher Fleet

### Fleet management

The professional and forward-looking fleet management solution – Kärcher Fleet provides an extensive overview of machines and cleaning activities. Kärcher Fleet makes cleaning processes far more transparent and efficient. This results in smooth procedures and attractive cost savings.



## Kärcher Manage

### Facility management

The high-performance management solution for manual cleaning. Easy, fast and precise paperless data acquisition. The benefits are greater transparency and a better result from the outset.

All information on Connected Cleaning and the Kärcher Fleet and Kärcher Manage modules can be found at [www.kaercher.com](http://www.kaercher.com).



The professional and forward-looking fleet management solution – Kärcher Fleet gives you an extensive overview of your machines, locations and cleaning activities at all times. Kärcher Fleet makes cleaning processes far more transparent and efficient. This results in smooth procedures and attractive cost savings.



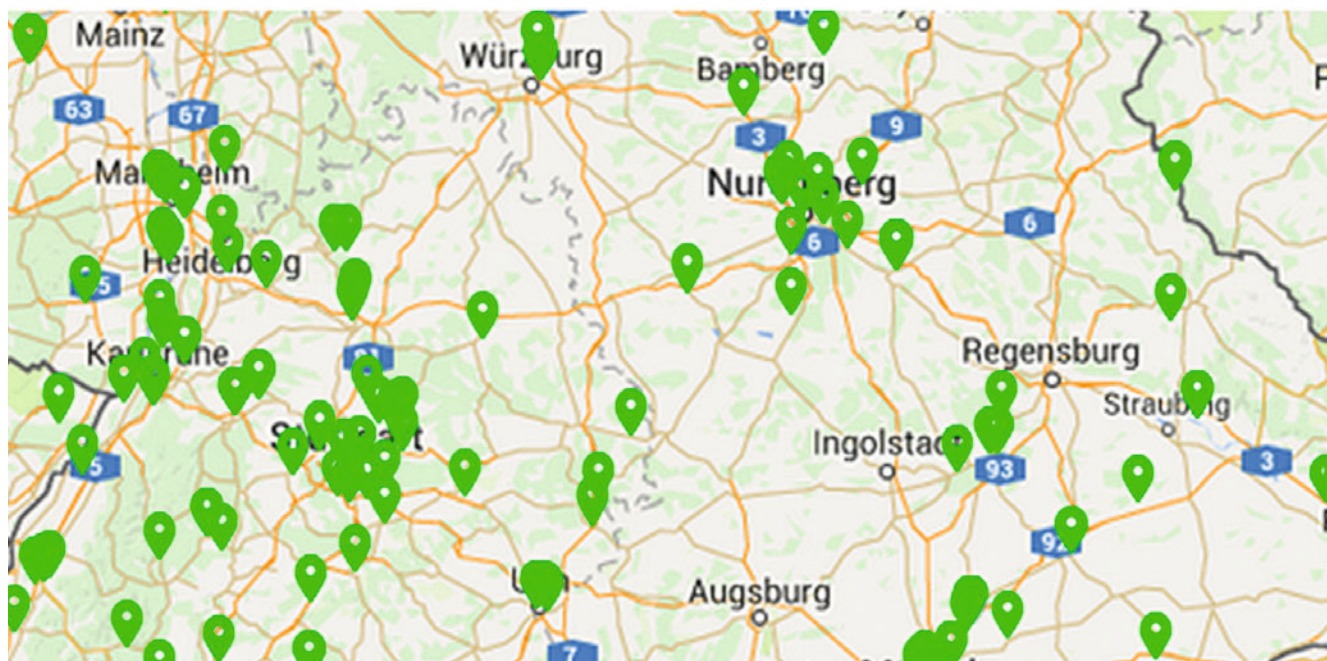
## Features

## Kärcher Fleet Perform

**Kärcher Fleet  
Asset (w/o TCU)**

<b>Basic data</b>					
Inventory, Total-Cost-of-Ownership, Service Management					
<b>Further information</b>					
Operating hours, localisation, anti-theft device, geo-search function, capacity utilisation, active notifications if schedules are not met.				-	
<b>All information</b>					
Machine status, battery status, remote service			-	-	
<b>Examples of machines</b>	<b>BR 45/22*</b>	on request	<b>BD 50/40 RS**</b>	2.111-111.0	<b>Every machine</b> , e.g. including vacuum cleaners and other equipment
Order No. for Kärcher Fleet Retrofit Kit	<b>B 40 C/W*</b>	2.643-348.0	<b>BR 55/40 RS**</b>	2.111-111.0	
	<b>B 60 W*</b>	2.643-348.0	<b>B 90 R**</b>	2.111-111.0	
	<b>B 80 W*</b>	2.643-348.0	<b>BD 100/250 R**</b>	2.111-111.0	
* All machines are configurable ex-works	<b>B 95 RS*</b>	2.643-380.0	<b>B 140 R**</b>	2.111-111.0	
** Upgrade required	<b>B 120 W*</b>	2.643-353.0	<b>KM 100/100 BAT**</b>	2.111-111.0	
	<b>B 150 R*</b>	2.643-310.0	<b>KM 100/100 LPG**</b>	2.111-111.0	
	<b>BD 50/70 R Classic*</b>	on request			
	<b>B 250 R*</b>	on request	<b>Third-party machines**</b>	2.111-111.0	
	<b>KM 105/100*</b>	2.643-381.0	<b>Other machines available</b>		
	<b>KM 105/110*</b>	2.643-381.0	<b>on request.</b>		
	<b>KM 125/130*</b>	2.643-381.0			
	<b>WPD Advanced*</b>	on request			
	<b>CB and SB MB/MU gantry car washes*</b>	on request			





### 1 Increased profitability

The principle and uses of Kärcher Fleet are based on machine data that is processed to become useful management information. Optional preventive servicing considerably reduces downtime. Machines can be used more efficiently and are available when needed. The coordination of transport and utilisation at different locations is optimised, saving time and resources.

### 2 Simple planning and control

Fleet operators can view the fleet status at any time to see if machines are operating perfectly and according to schedule, if cleaning times are being observed, if servicing or repairs are needed, and much more. Detailed information is available directly from the overview with just one click. Kärcher Fleet transmits data virtually in real time, allowing the optimisation of fleet utilisation capacities or corrections to be made, if necessary, almost immediately.

### 3 Complete documentation

Kärcher Fleet allows the preparation of reports at any time through automatic storage and archiving of machine data and fleet information. Prepared reports can be displayed, exported and printed out at the click of a mouse. Information on services provided is therefore available at any time.

### 4 Immediately ready to use - without installation

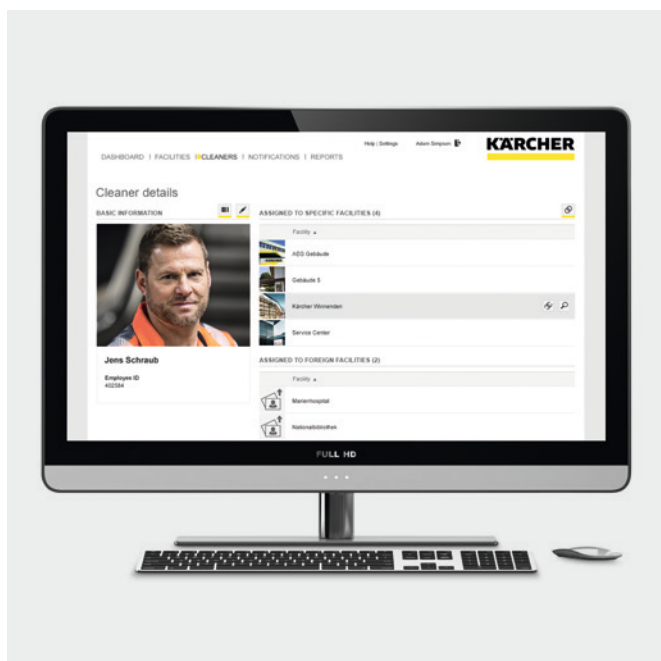
Kärcher Fleet provides fleet operators with an extensive overview of all machines in the fleet at all times. This also applies (with restrictions) to machines from other manufacturers. Access to the web-based Kärcher Fleet only requires an Internet connection. The telematics box sends all information securely encrypted and with modern transmission standards to a global server cloud. Authorised users can conveniently gain access to all relevant data and evaluations via this cloud. It could not be easier.





# KÄRCHER MANAGE: WE PROVIDE THE INFORMATION.

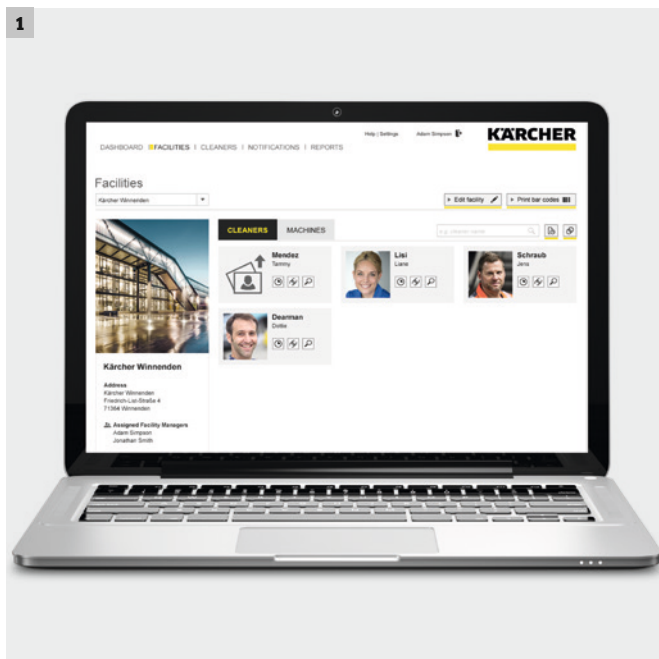
With Kärcher Manage, the next step in the evolution of the tried-and-tested ECO!Manager, you always have a complete and up-to-date overview of: manual cleaning activities, working hours and quality checks, as well as property damage. All relevant data are transmitted online and are then available immediately. Manual cleaning has never been so transparent.



## With Kärcher Manage you can easily optimize facility management processes and even more.

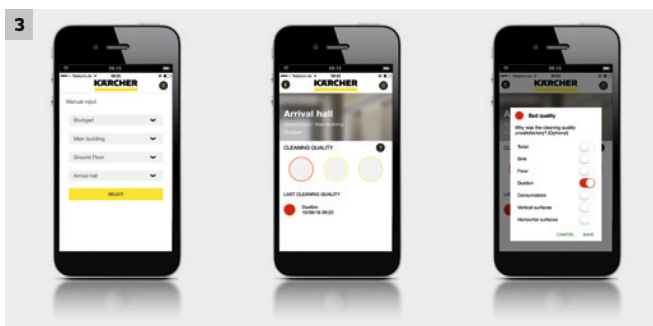
- Manage and optimise your manual cleaning processes with Kärcher Manage.
- Electronic data recording instead of manual documentation.
- Recording and mobile transmission of work and cleaning times.
- Simple read-out and charging of the scanners on the Kärcher Manage docking station.
- Measurable quality thanks to specific reports.
- Analysis and reporting of cleaning times.
- Individual barcodes for fast and precise documentation.
- Easy assignment of cleaning personnel to buildings.
- Detailed overview of all performed and outstanding room inspections.
- Damage reports as an additional service to customers: stored barcodes allow direct recording of defects on site and automatic notification of Facility Management by email.
- Display of additional cleaning activities.
- Generation of reports as Excel or PDF files.





### 1 Kärcher Manage web portal

- Easy web portal access for facility and branch managers.
- Current status queries on attendance, cleaning activities, work times, quality checks.
- Creation of reports and statistics by the branch and facility manager.
- Optimised documentation and information processes.
- Easy facility preparation using barcodes and recording via scanner during cleaning.
- Redesigned interface for intuitive operation.
- Management of cleaning personnel and fleet machines on a single platform.

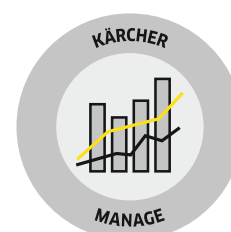


### 2 Kärcher Manage hardware

- Kärcher Manage docking station: automatic data transfer and simultaneous recharging of up to 10 USB scanners.
- Integrated telematics unit for the intelligent transmission of recorded scan data, so a PC is not necessary.
- Handy and robust scanners for data recording.

### 3 Kärcher Manage Facility Manager App

- Efficient quality checks via App by the facility manager.
- Creation of buildings and rooms.
- Selection of quality criteria.
- View of last quality check, including quality criteria.
- Available for Android (from version 4.4) and iOS (from version 8.0).





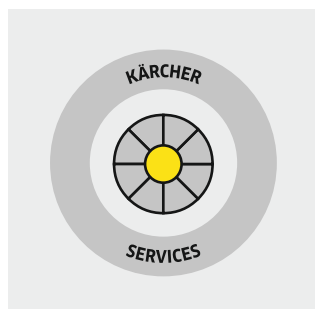
## YOU MANAGE YOUR BUSINESS. WE PROVIDE THE SUPPORT.

Things can be much easier when people's talents are combined. Because it is simply more successful to pursue common goals, to complement each other and to learn from one another. One could call it the principle of progress. We call it Kärcher Services. A promise of partnership. Our promise to you.

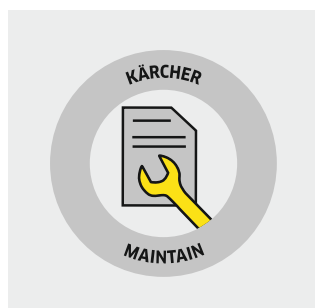


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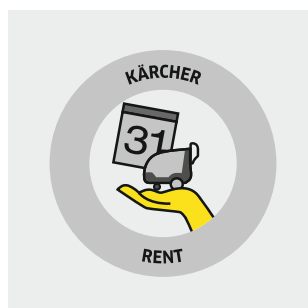


## Kärcher Services:



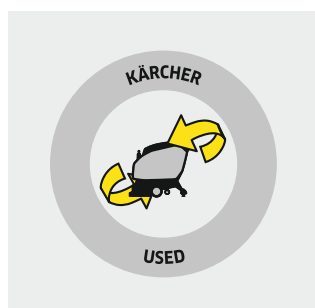
### Kärcher Maintain service packages

Every service package is exactly tailored to suit specific needs. The range of services includes inspections as part of prescribed safety tests, timely servicing and flat-rate full service.



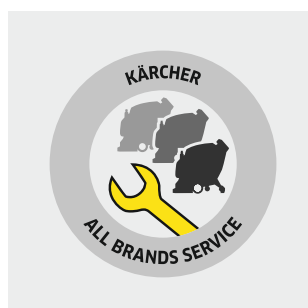
### Kärcher Rent

Precisely the right machine you need. Rent instead of buying. And get more: know-how and the Kärcher Full Service package.



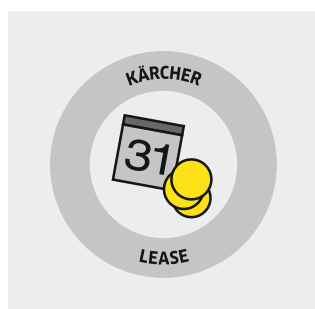
### Kärcher Used machines

If used is what you need. Starting up? Or simply just want to save costs? We have the right used machine for you. Used, generally reconditioned, good and affordable. Offers are constantly changing. Ask us.



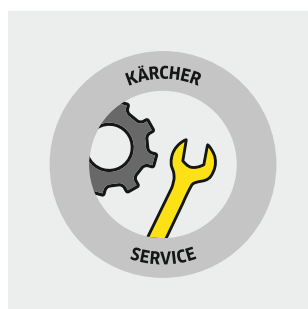
### Kärcher All Brands Service

Service and repair from a single source for your entire machine fleet – regardless of manufacturer and anywhere in the world. Service for all machines according to Kärcher standards. Service you can rely on.



### Kärcher Lease Leasing

Tailor-made. Flexible. Safe. We provide the flexibility you need: with leasing and financing models for all requirements.



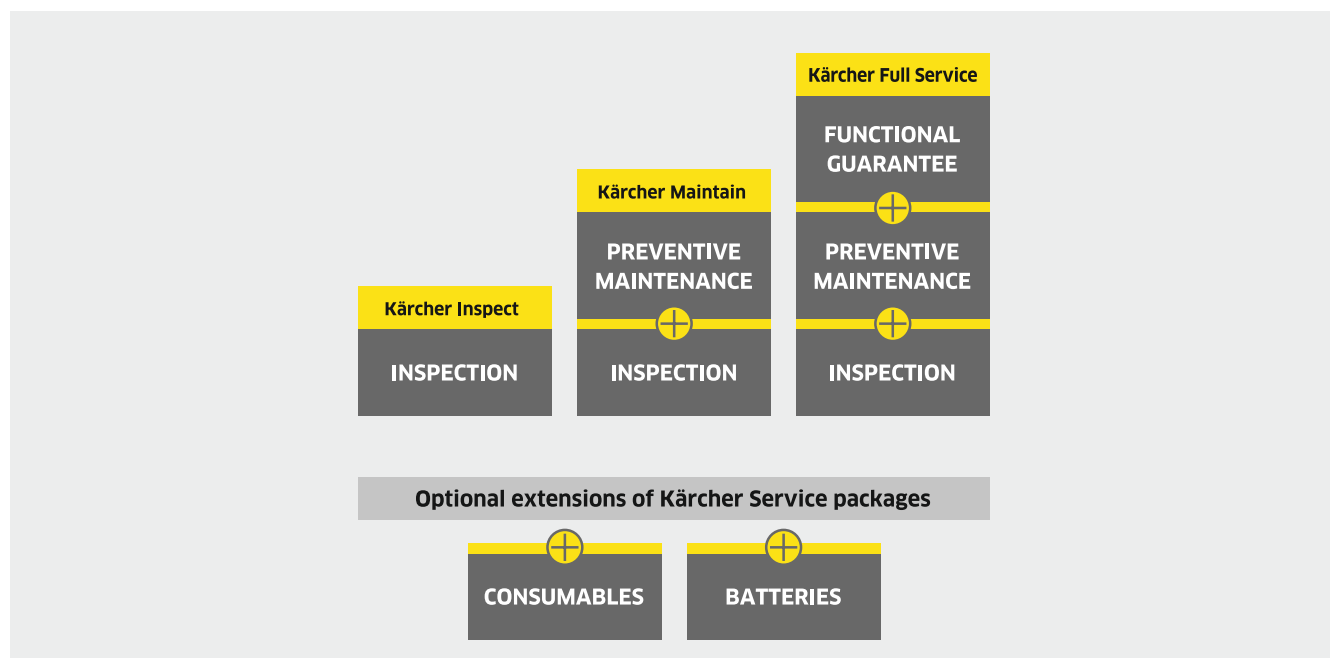
### Kärcher Service Customer service

Service means trust. At all times. Services you really need. Fast reaction for maximum availability. Maximum value retention and compliance with all statutory requirements.



# KÄRCHER MAINTAIN: THE BEST FOR YOU AND YOUR MACHINE.

We have developed the Kärcher Maintain service packages so that your machines are ready to use at any time. These bring together our combined technical expertise and in-depth application knowledge to create optimal solutions. You can choose freely between the packages and various additional options. In this way, you get precisely the services that best meet your individual demands.



Every service package is tailored precisely to suit your specific needs. The range of services includes inspections as part of prescribed safety tests, timely servicing and flat-rate full service. Additionally, you can expand each package with services like battery servicing and/or consumables, depending on your requirements.

Service packages	Order No.	Inspection	Preventive maintenance	Function guarantee	Batteries	Consumables
Kärcher Inspect	2.888-058.0	■	-	-	-	-
Kärcher Inspect with consumables	2.888-073.0	■	-	-	-	■
Kärcher Inspect with batteries	2.888-074.0	■	-	-	■	-
Kärcher Inspect with consumables and batteries	2.888-075.0	■	-	-	■	■
Kärcher Maintain	2.888-059.0	■	■	-	-	-
Kärcher Maintain with consumables	2.888-060.0	■	■	-	-	■
Kärcher Maintain with batteries	2.888-076.0	■	■	-	■	-
Kärcher Maintain with consumables and batteries	2.888-077.0	■	■	-	■	■
Kärcher Full Service	2.888-061.0	■	■	■	-	-
Kärcher Full Service with consumables	2.888-062.0	■	■	■	-	■
Kärcher Full Service with batteries	2.888-078.0	■	■	■	■	-
Kärcher Full Service with consumables and batteries	2.888-079.0	■	■	■	■	■



### 1 Kärcher Inspect

The Kärcher Inspect service package includes regular, legally prescribed safety tests. Your machine receives an inspection tag and you receive the inspection report which shows the machine's condition. This allows you to always be on the safe side, and you will also be competently advised by our service technicians.

### 2 Kärcher Maintain

Kärcher Maintain also includes, in addition to the scope of Inspect, the preventive replacement of specific wear parts as part of the regular service. This means that machine breakdowns can be avoided, the service life of the machines can be extended and you save valuable time and money. We only use original Kärcher spare parts.

### 3 Kärcher Full Service

With the Kärcher Full Service package, in addition to the scope of Maintain you also get a functional guarantee which covers the safe, economical and reliable operation of your machine. This maximises your machine's availability and minimises downtime. If your machine does break down, we will repair it as quickly as possible. With Kärcher Full Service, you have full cost control over the entire contract term.

### 4 Optional service package upgrades

You can expand each service package individually with additional services. For example, you can choose a battery service and/or the delivery of consumables. This means that you are covered for all eventualities and can enjoy Kärcher quality to the full.

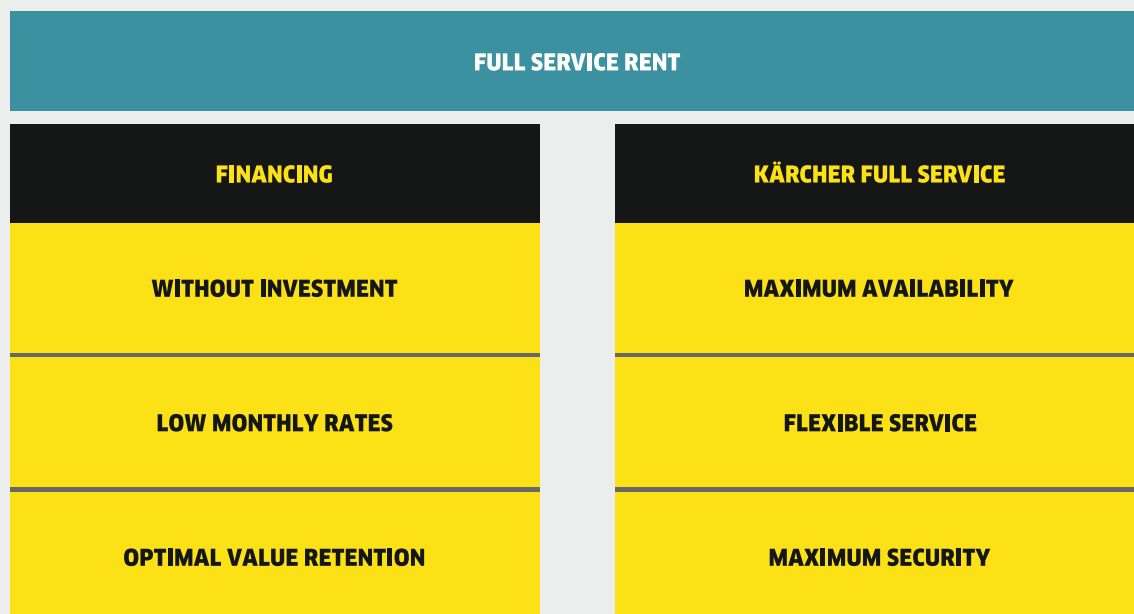




# KÄRCHER RENT: WE PROVIDE THE FLEXIBILITY.

Working successfully needs more than expertise. It calls for a solid financial foundation, and a forward-looking and flexible approach. Efficient, reliable machines. And services that ensure that everything goes according to plan. All this with minimal effort and expenditure and preferably from one source. Kärcher Full Service Rent combines financing and services that are exactly tailored to suit your specific requirements. So that you can save time and work and concentrate fully on your daily business.

1



## Invest without using your own capital

No need to use your own capital and exceed your borrowing limit. Full Service Rent preserves your cash resources. Instead of paying the entire purchase costs, you only pay for the actual use over the term or operating hours.

## Immediate deduction instead of collecting receipts

Monthly payments are fully tax deductible operating expenses. In this way, there is only one amount, one receipt and one booking entry.

## No risk - at any time

There are no purchase costs or depreciation when selling the machine. Simply renew your machines and enhance your corporate image. Kärcher Full Service Rent offers the benefit of always having a reliable and perfectly functioning machine.

## Functional guarantee - included

Your financed Kärcher machine is always available and ready to use. Always and anywhere. In the event of a fault, we ensure that work can continue as quickly as possible - by repairing, loaning or replacing the machine.

## Preventive servicing - included

A Kärcher service engineer will service your machine at defined intervals according to strict Kärcher standards and replace wear parts as a precaution to ensure continuous availability.

## Safety through inspection - included

As part of regular inspections, the legally prescribed safety tests are carried out.

## Full cost control

Kärcher machines including a complete first-class service are available at low monthly rates. Not a luxury, just good sense. And very reassuring.





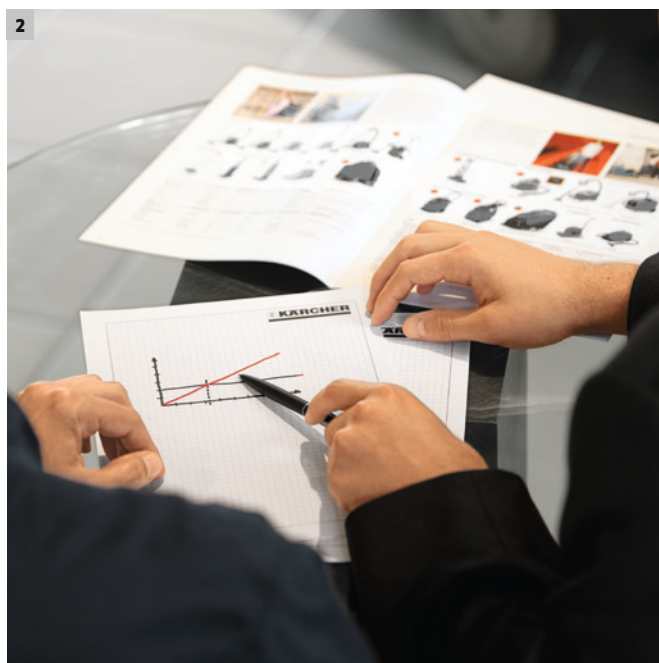
## KÄRCHER USED: THE BENEFIT OF EXPERIENCE.

You rely on your Kärcher machine every day, even if it has been in use for a few years. Our used machines have earned the same trust. As has Kärcher Used Equipment GmbH, because we are a wholly owned subsidiary of Alfred Kärcher GmbH & Co. KG. We specialise in the professional, cost-oriented preparation and worldwide distribution of Kärcher used machines.



### 1 Ready for a second life

In our complete range you can find the right solution for every one of your cleaning tasks. From the scrubber drier to the high-pressure cleaner and vacuum cleaner. With fast delivery and precisely the service you need. You receive machines from us with a warranty directly from the manufacturer. Because we know the full history, technical condition and particularities of each individual machine that we offer you. Our used machines are maintained exclusively with original Kärcher parts according to the Kärcher factory standard and comply with the statutory requirements.



### 2 Service like new

Experience the same service you associate with new machines. With Leasing, Full Service or any other service option you select, you receive the same services and the same attention that you are accustomed to with your new machine. Just let us know what you need. We will give you an individual consultation and provide you with a free, tailor-made quote.

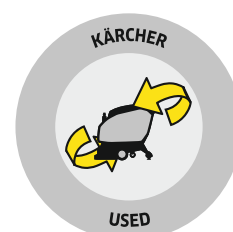
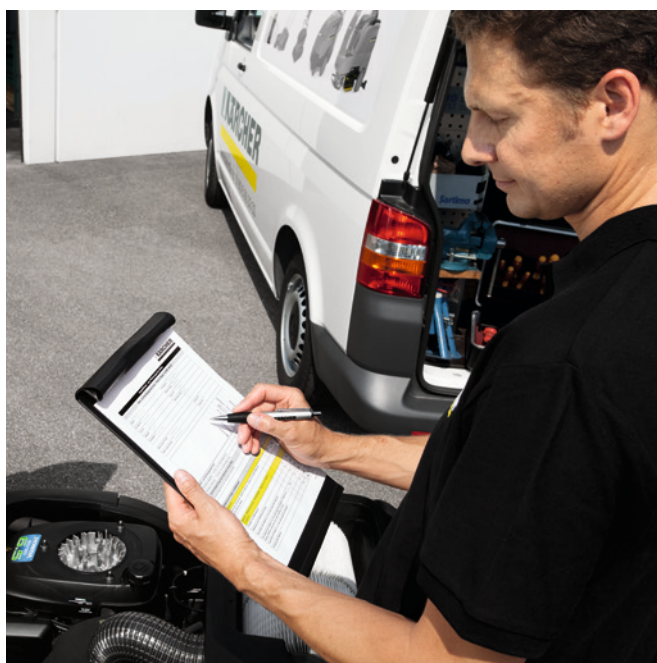


#### What makes used equipment so interesting

- Lower investments with faster amortisation.
- High machine availability, even if you do not use it constantly.
- Replacement machine for emergencies or spontaneous need.
- Save money without compromising on quality.
- Guaranteed Kärcher quality.
- Safety through warranty.
- Top price/performance ratio.

#### Trust from experience

The Kärcher name stands for trust. As a customer of Kärcher Used Equipment, you have unlimited access to the global Kärcher service network and the quick-response Kärcher customer service. Kärcher is Kärcher. In this one exceptional instance, the difference makes no difference.





## KÄRCHER ALL BRANDS SERVICE: SERVICE FOR ALL BRANDS.

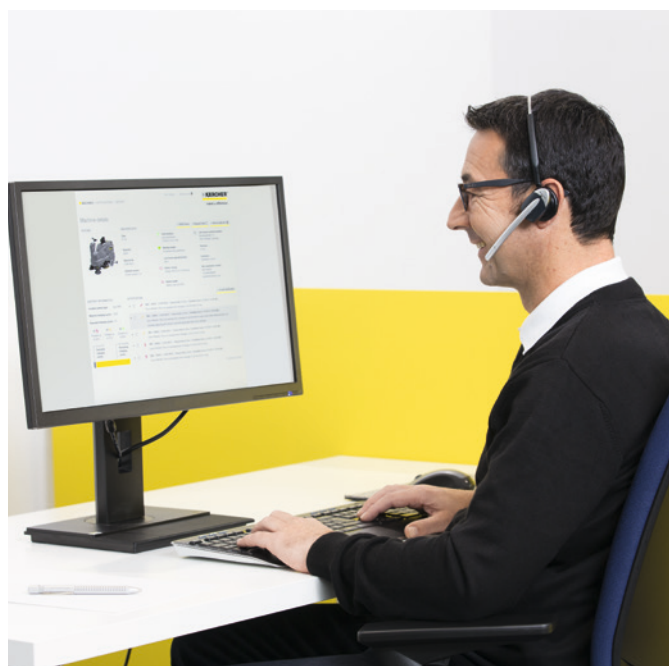
Would you like the full service for all machines from a single source, but have machines from manufacturers other than Kärcher in your fleet? Then use our Kärcher All Brands Service for the repair and servicing of machines from other manufacturers. Just as you would expect from our service: competent, reliable and fast.



Over 800 expertly trained service technicians are there for you in 60 countries. Regardless of the machines and brands in your fleet, we will take care of it all. Without any difference and in compliance with all standards. And of course, the prescribed safety inspections are also included. With our Kärcher expertise as a global market leader, we can provide the best possible service for your entire fleet. While you concentrate on your business, we make sure that your machines are working. And you have one contact partner for everything – for services and repairs, for spare and wear parts, for accessories and cleaning agents.



You can also use your Kärcher Service App for all machines and submit service requests 24/7. And if you would like to make full use of the great opportunities of digitisation, we can connect your entire fleet, regardless of the brands. Kärcher Connected Cleaning opens up the world of networked cleaning to you. The Kärcher Fleet and Kärcher Manage modules combine the entire infrastructure of your cleaning fleet on a single platform: manual cleaning activities and machines, locations of use, use planning, reporting and services. Available anywhere and at any time online.





## CREATE SUCCESS FROM PURE WATER!

Drinking water is of vital importance. Each person requires 2 to 3 litres of water daily in order to stay active and healthy. With our WPD water dispensers, you can produce natural-tasting water in drinking water quality: chilled or ambient, sparkling or hot. Directly from the mains supply and guaranteed hygienically pure. But in many regions of the world, drinking water is not available, or not available in sufficient quantities. With our WPC water treatment systems, you can create clean drinking water from any water. Also in combination with our water dispensers.



### Table of contents: Drinking water

Water dispensers  
Water treatment

Page 40  
Page 46



#### WPD 50 - for a new water class

Our WPD 50 is the new Middle class water dispenser and rounds off our water dispenser range perfectly. The space-saving machine is ideal for installation locations with limited space and delivers chilled and ambient water. You will love the intuitive operation with the capacitive buttons.

#### WPC 120 UF / WPC 100 RO / WPC 80 RO

When tap water is not drinking water or there is no tap water available, you can simply produce your drinking water yourself. Everywhere and in unlimited quantities. With our new WPC water treatment systems, you can create clean drinking water from any water. With our WPC machines, you have the right solution for every application. Free-standing or under the sink or integrated into a WPD 100 or WPD 200.

#### How to read the unit names:

Model	Filter capacity	Filter type
Example: WPC	100	RO
WPC = Water Purifier Commercial	Litres per hour	RO = Reverse Osmosis
WPD = Water Purifier Dispenser		UF = Ultra Filtration





#### 1 Our water dispensers – water in a class of its own

Potable tap water is good. Water from a Kärcher WPD water dispenser is better. Water for life. Thanks to its unique filter and hygiene concept, our WPD produces water of the highest quality around the clock. Depending on the machine, there is a choice of ambient, chilled, sparkling or hot water at the push of a button. Hygienic, calorie-free and pure. We achieve this through automatic thermal disinfection, a water dispensing valve with contact protection and the innovative filter concept consisting of Active Pure filter and Hy-Protect filter. The Active Pure filter ensures that the water tastes pure. The Hy-Protect filter works with ultra filtration without the addition of chemicals. Its fine-pore membrane reliably filters out bacteria and viruses.



## 2 Clean drinking water – whenever and wherever it is needed

Our WPC water treatment systems provide you with pure drinking water, regardless of the quality of your tap water. Through the use of sophisticated, tried-and-tested technology which is highly reliable, the product is constantly pure drinking water. You can use your versatile WPC practically anywhere, for example in combination with a Kärcher WPD water dispenser or under a sink with a pillar tap.



# WATER DISPENSER WPD 100 / 200 / 600



Stand-alone unit



Table top unit

## Simply unique: custom-made water dispensers

The configurable water dispensers can be individually tailored to different customer requirements (e.g. country, target group, installation site) in terms of cooling capacity, electronic functionality and product features.



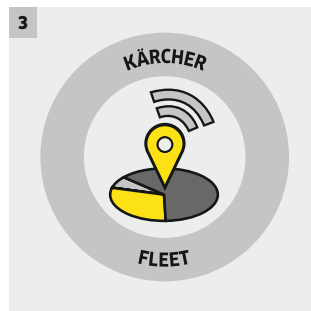
### 1 A real eye-catcher

- Available in white or black.
- Individually printable glass panel – ideal as a free advertising surface or for displaying your company logo.
- Water dispensing area with LED lights.
- Extra-high water dispensing area.



### 2 Healthy water from a constantly pure, hygienic source

- All water-conducting pipes, the heating and cooling module, ultra filter and output valve are regularly disinfected automatically with hot water – without the use of chemicals.
- Bacteria and viruses are reliably killed. Rinsing after disinfection takes place automatically, without any effort, and can be set to run at any time.
- Kärcher's patented thermal disinfection offers maximum safety.



### 3 All important information at a glance

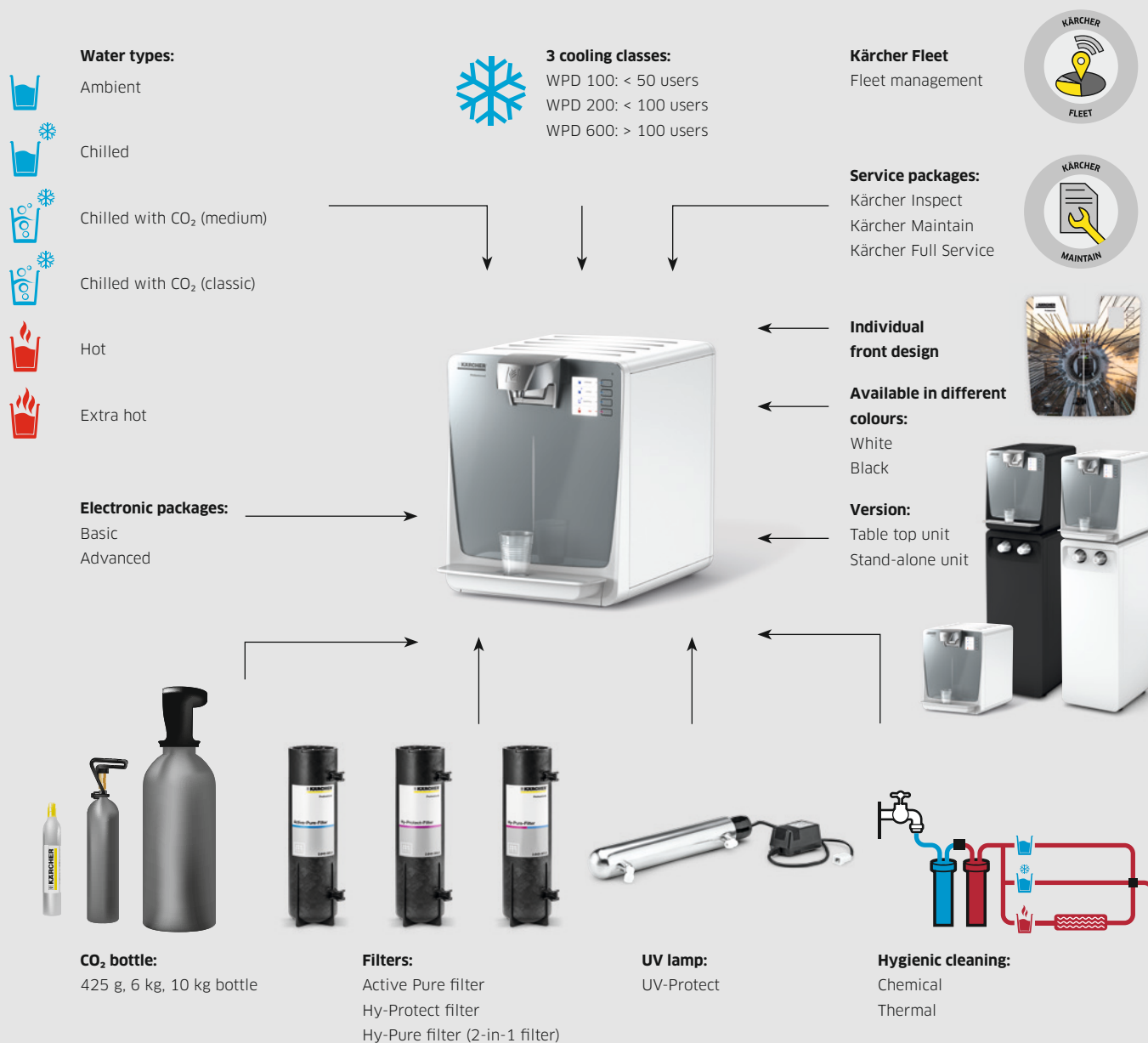
- Advanced package: using the high-resolution colour display, you can adjust the dispensing quantity, CO<sub>2</sub> intensity and water temperature. The display informs you when the filter needs to be replaced and of the CO<sub>2</sub> supply.
- Kärcher Fleet M2M\* communication establishes direct communication between the water dispenser and a PC or smartphone. You have comprehensive monitoring options which allow you to avoid unnecessary service work. (\*Machine-to-machine)



### 4 Easy CO<sub>2</sub> supply

- In the WPD 100, you can use any standard 425 g bottle of CO<sub>2</sub>.
- The smallest 425 g bottle of CO<sub>2</sub> is enough for over 60 litres of sparkling water.
- The bottle is easy to change in the machine.
- Empty CO<sub>2</sub> bottles can be refilled – do your part to protect the environment.

# AS INDIVIDUAL AS GOOD TASTE



## Water type

Depending on the electronics package, there are up to 6 different water types to choose from: ambient, chilled, chilled with Medium (lightly sparkling) or Classic (strongly sparkling) CO<sub>2</sub>, as well as hot and extra hot.



## Colour variations

In pure white and classic black, the WPD stands out in any surroundings.



## Filter combination

Choose the best combination for your requirements: Active Pure filter, Hy-Protect filter, Hy-Pure filter or UV-Protect.



## Individual front design

The glass panel can be designed with customer-specific background (e.g. colours of the company's CI) or used as a free advertising surface.



# TOP PATENTED TECHNOLOGY GUARANTEES THE HIGHEST QUALITY



		WPD 600		WPD 200		WPD 100	
		Adv	Basic	Adv	Basic	Adv	Basic
<b>Technical data</b>							
Supply voltage	V/Hz	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50
Sound pressure level	dB(A)	45	45	45	45	45	45
Water quantity, ambient	l/h	120	120	120	120	120	120
Water quantity, still, chilled	l/h	80	80	40	40	20	20
Water quantity, still, hot	l/h	10	-	10	-	10	-
Hot water temperature	°C	80-95	-	80-95	-	80-95	-
Water quantity, chilled with CO <sub>2</sub>	l/h	80	80	40	40	20	20
CO <sub>2</sub> content in the water	g/l	4.5 (Medium) 6.5 (Classic)	6.5 (Classic)	4.5 (Medium) 6.5 (Classic)	6.5 (Classic)	4.5 (Medium)	4.5 (Medium)
CO <sub>2</sub> bottle size in table top unit	kg	-	-	-	-	0.425	0.425
CO <sub>2</sub> bottle size in stand-alone unit	kg	max. 10	max. 10	max. 10	max. 10	max. 10	max. 10
Weight, table top unit	kg	-	-	35	35	30	30
Weight, stand-alone unit	kg	65	65	50	50	45	45
Dimensions table top unit (L x W x H)	mm	-	-	465 x 365 x 528	465 x 365 x 528	465 x 365 x 528	465 x 365 x 528
Dimensions stand-alone unit (L x W x H)	mm	1432 x 365 x 528	1432 x 365 x 528	1432 x 365 x 528	1432 x 365 x 528	1432 x 365 x 528	1432 x 365 x 528
Water outlet height	mm	300	300	300	300	300	300
Number of users		> 100	> 100	< 100	< 100	< 50	< 50
Order No.		1.024-920.2	1.024-920.2	1.024-920.2	1.024-920.2	1.024-920.2	1.024-920.2

# CONFIGURATION OPTIONS

	WPD 600		WPD 200		WPD 100	
	Adv	Basic	Adv	Basic	Adv	Basic
<b>Configuration options</b>						
<b>Versions</b>						
Table top unit	-	-	■	■	■	■
Stand-alone unit with base and cup dispenser	■	■	□	□	□	□
Casing colour, white	□	□	□	□	□	□
Casing colour, black	□	□	□	□	□	□
<b>Water type</b>						
Water, ambient	■	■	■	■	■	■
Water, still, chilled	■	■	■	■	■	■
WPD, Medium CO <sub>2</sub>	□	-	□	-	□	□
WPD, Classic CO <sub>2</sub>	□	□	□	□	-	-
Water, hot	□	-	□	-	□	-
Water, extra hot	□	-	□	-	□	-
<b>Water treatment</b>						
<b>2 filters or filter + UV lamp available</b>						
Active Pure filter (active carbon filtration)	■	■	■	■	□	□
Hy-Protect filter (ultra filtration)	□	□	□	□	□	□
Hy-Pure filter (2-in-1 filter)	-	-	-	-	□	□
UV-Protect (UV lamp)	-	□	-	□	-	□
Thermal disinfection	■	-	■	-	■	-
Chemical cleaning	-	■	-	■	-	■
WPC 100 RO drinking water production	-	-	□	□	□	□
<b>Electronic equipment</b>						
Multifunction colour display	■	-	■	-	■	-
Display, filter replacement	■	-	■	-	■	-
Display, CO <sub>2</sub> bottle change	■	-	■	-	■	-
Adjustable portion size	■	-	■	-	■	-
Adjustable CO <sub>2</sub> intensity	■	-	■	-	■	-
Adjustable hot water temperature	■	-	■	-	■	-
Error indication	■	■	■	■	■	■
Interface for Kärcher Fleet services (M2M communication)	□	-	□	-	□	-
Illuminated dispensing area	■	-	■	-	■	-
<b>Accessories</b>						
Drip tray draining	□	□	□	□	□	□
Drink accessories (jugs, carafes, bottles, cups, etc.)	□	□	□	□	□	□
Cup dispenser (in base)	■	■	□	□	□	□
Waterblock leak protection	□	□	□	□	□	□

■ Standard equipment   □ Option   - not available



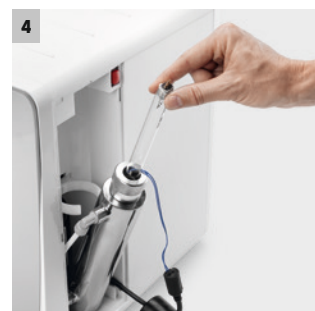
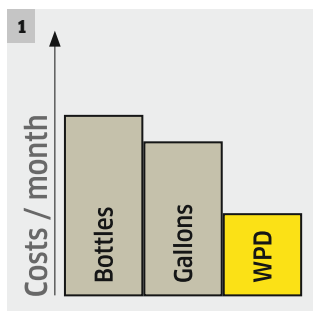
# WATER DISPENSER WPD 50



## Small, affordable – the perfect entry-level machine

Our new Middle class water dispenser is ideal for use in confined spaces. Active carbon filters and UV lamp ensure that the dispensed still water is pure and free from bacteria and viruses – chilled or ambient.

DRINKING WATER



### 1 Affordable enjoyment

- No handling and transport costs compared with gallon or bottled water.
- More space available for things more important than gallon bottles.
- Affordable.

### 2 Compact design

- The perfect fit where there is limited available space.
- Intuitive operating concept with easy-to-read sensor buttons.
- Clearly recognisable dispensing area for optimal positioning of the drinking vessel.

### 3 Pure enjoyment – the healthy and safe choice

- The Active Pure filter ensures that water tastes pure by removing chlorine and heavy metals.
- UV lamp: UV-Protect kills bacteria and viruses.
- Chemical cleaning of all water-conducting lines, the cooling module and water dispensing valve.

### 4 Self-service possible

- Easy access to all components allows self-service.
- Self-service saves unnecessary service work, which also saves money.

# TECHNICAL DATA AND EQUIPMENT

## WPD 50

- Space-saving and compact
- Intuitive operation via user-friendly icons

### Technical data

Supply voltage	Ph / V / Hz	1 / 220-240 / 50
Rated input power	W	200
Inlet temperature	°C	5-30
Water quantity, cooled		-
Water quantity, ambient	l/h	85
Water quantity, still, chilled	l/h	15
Water outlet height	mm	290
Dimensions (L × W × H)	mm	350 × 300 × 400

### Equipment

Hygienic cleaning	Chemical
“Active Pure” active carbon filter	■
“UV-Protect” UV lamp	■
Water dispensing valve with contact protection	■
Positioning aid for the drinking vessel	■
Drip tray with fill level display	■
Order No.	1.024-404.0
Price	

■ Included in delivery.



# WATER TREATMENT WPC 100 RO



## Providing clean drinking water where there is none

Unfortunately, clean and potable tap water is not a given in many regions. Our compact water treatment system WPC 100 RO is a remedy for this and, using the principle of reverse osmosis, provides pure drinking water wherever it is needed. In doing so, it produces around 70% less waste water than comparable competitor products.

**NEW**

1



2



### 1 WPC 100 RO – integrated into a water dispenser

- Allows you to use water dispensers even in regions without drinking water from the tap.
- Reverse osmosis solution for the WPD family.
- Proven and safe principle.
- Pure drinking water, wherever it is needed.

### 2 WPC 100 RO – directly in the sink

- Space-saving, fits under any household sink.
- Pure drinking water for cooking and drinking.
- Easy and intuitive operation.
- Works in combination with a WPD or as an individual solution.

## WPC 100 RO

- 5-stage membrane filtration
- No storage tank required
- Space-saving

### Technical data

Filter capacity	I/h	Up to 100
Water inlet pressure	MPa (bar)	0.10–0.30 (1–3)
Max. water inlet temperature	°C	5–38
Weight	kg	13.5
Dimensions (L × W × H)	mm	240 × 372 × 530
Operating voltage	V/Hz	110–240 / 50/60
Connection load	W	80

### Equipment

Includes pillar tap and connection materials	
Order No.	1.024-510.0
Price	

# WPC 120 UF / WPC 80 RO WATER TREATMENT



## Clean drinking water. Without a lot of technology.

Wherever tap water is not potable, our water treatment systems use modern ultra filtration or reverse osmosis to produce hygienically pure drinking water. All systems can be operated without a storage tank and work extremely economically. Our RO reverse osmosis models produces around 70% less waste water than comparable products.

**NEW**

DRINKING WATER



### 1 High-quality ultra filtration – WPC 120 UF

- Ultra filtration removes particles >0.02 µm.
- 3-stage membrane filtration removes 99.9999% of bacteria and other pathogens, and 99.95% of viruses.

### 2 WPC 80 RO

- 0.0001-µm extra-fine filtration produces pure drinking water.
- Integrated water supply as a closed system for the best drinking water quality.
- Without a pump, without electronics, without a tank. Simple, reliable and maintenance-friendly.

## WPC 120 UF

## WPC 80 RO

- 3-stage membrane filtration
- Without electronics
- Space-saving

- 3-stage membrane filtration
- Without electronics and storage tank
- Space-saving

### Technical data

Filter capacity	l/h	120	80
Water inlet pressure	MPa (bar)	0.1-0.4 (1-4)	0.1-0.6 (1-6)
Max. water inlet temperature	°C	5-38	5-38
Weight	kg	3.5	9
Dimensions (L × W × H)	mm	323.8 × 148.2 × 303.4	467 × 197.3 × 415.7

### Equipment

Includes connection materials		
Order No.	1.024-751.0	1.024-750.0
Price		



## MORE CONVENIENT, FASTER, BETTER: THE NEW ACCESSORIES

We develop products that allow you to clean faster, more conveniently and more successfully. For example, with reduced operator effort and therefore less physical strain, or reduced set-up times, which in turn save you a lot of time. Current examples of this are our revolutionary EASY!Force high-pressure gun and the unique EASY!Lock quick-release couplings.





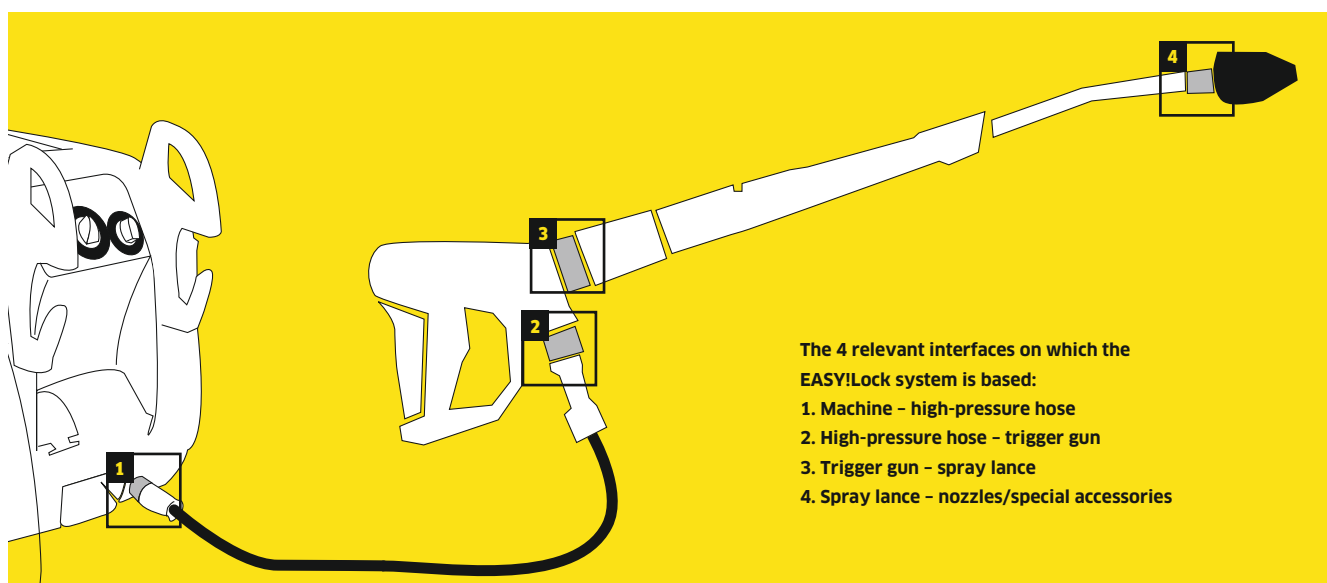


#### EASY!Force high-pressure gun

Effortless, not energy-sapping: the EASY!Force HD trigger gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero. Instead of a tense working posture with a closed hand on the trigger, fingers can move freely. This prevents discomfort and extends the work intervals. Both the ball and the sealing seat of the valve of the EASY!Force Advanced high-pressure gun are ceramic, which is far harder than any conceivable foreign particle. The full ceramic valve therefore ensures a lifetime which is five times longer than other high-pressure guns.

#### EASY!Lock quick-release couplings

With our patented EASY!Lock quick-release couplings, attachment and removal can be done in no time – five times faster compared with conventional screw connections – though they are just as long-lasting and robust. The system combines the advantages of a quick coupling with the advantages of a thread, minimises set-up times and therefore significantly increases convenience, without affecting safety and reliability. Working interruptions due to the loss of seals are prevented, as are additional spare part costs.



The 4 relevant interfaces on which the EASY!Lock system is based:

1. Machine – high-pressure hose
2. High-pressure hose – trigger gun
3. Trigger gun – spray lance
4. Spray lance – nozzles/special accessories



## UNBEATABLY VERSATILE – HIGH-PRESSURE CLEANING WITH KÄRCHER

The name Kärcher is synonymous with high performance, quality and innovation worldwide. As a pioneer of high-pressure cleaning, today Kärcher is the global market leader and has been continuously optimising the principle of high-pressure cleaning. For more power with lower consumption. For a longer lifetime with shorter cleaning times. Kärcher has developed a technologically innovative and versatile product range that meets all of your requirements: cold water or heated, with electric or combustion engine, mobile or stationary. In addition to an extensive range of accessories that offers the right solution for every application.



### Table of contents: High-pressure cleaners

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High-pressure cleaner accessories	Page	108
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Accessories for stationary high-pressure cleaners	Page	176
Ultra high-pressure cleaner	Page	188
Ultra high-pressure cleaner accessories	Page	196
Cleaning agents, care agents and disinfection	Page	764





### Upright class

Kärcher Upright class high-pressure cleaners are the right choice for operators who require powerful, robust machines with maximum mobility for occasional use at changing locations: easy to manoeuvre and transport.

### Compact class

Kärcher Compact class high-pressure cleaners are the right choice for operators who require a mobile high-pressure cleaner almost daily for changing locations of use: a machine that is easy to transport, despite its high power.

### Middle class

Kärcher Middle class high-pressure cleaners are the right choice for operators who require a machine with a large operating radius for the daily cleaning of machines or surfaces, with which they can also clean hard-to-reach places and which takes up little space in the yard or workshop.

### Super class

Kärcher Super class high-pressure cleaners are the right choice for operators who have to carry out ongoing cleaning tasks involving large quantities of dirt and stubborn dirt.

### Special class

Kärcher Special class high-pressure cleaners are the right choice for operators whose main requirements are power, safety and hygiene, and who require extremely high pressure for stubborn dirt or large water volumes for two-lance operation.

#### How to read the unit names:

Model	Flow rate	/	Working pressure	Motor	Class	Drive	Equipment
Example: HD	13	/	12	-4	ST		
HD	= Cold water				P	= Petrol	= Standard equipment
HDS	= Hot water, diesel-heated				U	= Petrol/electro start	= Basic equipment
HDS-E	= Hot water, electr. heated				C	= Diesel/electro start	= Higher-level equipment
HWE	= Hot water generator				M	= Gas	= Edition machines
HDC	= Stat. HD; multiple lance operation				S	= Gas LPG = Liquid gas	= Robust tubular frame
					ST	= Stationary	= Trailer, single-axle
							= Explosion-proof
							= With hot water supply
							= Food design
							= Includes Surface Cleaner FR Classic
							= Includes Dirt Blaster
							= Includes hose reel

Model	Tank volume	/	Working pressure	Class	Drive
AP	= Multi-purpose cleaning machine			M	= Mains operation (with cord connection)



## EFFICIENT WITH HIGH PRESSURE. EVEN MORE EFFICIENT WITH HOT WATER

Kärcher high-pressure cleaners have impressive advantages over pressureless cleaning procedures when it comes to efficiency, cleaning results and eco-friendliness. Hot water high-pressure cleaners (HDS) further enhance these advantages considerably when cleaning stubborn dirt. Kärcher HDS machines are the superior solution, particularly for contamination with oils, fats and proteins. Making them just right for you.



### Table of contents: Hot water high-pressure cleaners

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HDS Middle class	Page	58
HDS Compact class	Page	60
HDS Upright class	Page	62
HDS trailer	Page	64
HDS Special class	Page	68
HDS with combustion engine	Page	70
Accessories	Page	108
Cleaning agents	Page	764





## 1 Advantages of hot water

### BETTER RESULTS



#### Better cleaning result

With hot water, solidified oils and fats dissolve and emulsify considerably better and are therefore easily removable. Hot water is particularly effective in dissolving proteins and fats in the food industry.

### TIME-SAVING



#### Shorter working time

Hot water causes dirt to be loosened much faster, resulting in significant time savings of up to 35%. Thus, a variety of cleaning tasks can be performed cost-effectively and economically.

### LESS CLEANING AGENT



#### Reduced use of cleaning agents

In most cases, fats, oils, resins, etc. can be dissolved with just hot water; therefore, significantly less cleaning agent is required and in some cases, may be waived altogether. This protects the environment and saves money and resources.

### GERM REDUCTION



#### Germ-reducing effect

A significant reduction in germs can be demonstrated after cleaning with hot water. This germ reduction achieved without disinfectant is sufficient for many hygiene requirements.

### SHORTER DRYING TIME



#### Shorter drying time

Surfaces that are cleaned with hot water can be dried faster by using heat and are ready more quickly for further processing.

### GENTLE ON SURFACES



#### Protection of surfaces

Protection of sensitive surfaces and the same cleaning effect at a lower working pressure.

## 2 Environmentally friendly cleaning with biodiesel



Biodiesel

All Kärcher hot water high-pressure cleaners can be easily operated with biodiesel. Biodiesel is produced from renewable resources and is CO<sub>2</sub>-neutral. Emissions are significantly reduced by means of better combustion characteristics compared with conventional diesel. Promote environmental protection sustainably by using biodiesel.








## 3 Weed removal with hot water



The hot water destroys the weeds by quickly penetrating down to the roots, killing the plant proteins, causing lasting damage and wiping out the weeds.

- Environmentally friendly, no herbicides.
- Gentle on surfaces.
- Saves time.



	Price	Order No.	Supply voltage (phases)	Flow rate (l/h)	Working pressure (bar/MPa)	Chassis with integrated fuel tank and cleaning agent tank	Piston material	Steam stage	Electro start	Integrated hose reel	Soft Damping System (SDS)	4-pole engine (low-speed machine)	Servo Control	Spray gun EASYiForce Advanced	Exhaust gas thermostat	Spray lance, rotatable	Triple nozzle	Power nozzle	Pole reverse plug (3~)	Calcification protection	Dry-running protection	Page
<b>HDS Super class</b>																						
		1.071-927.0	3	600-1300	30-200/3-20	■	Ceramic	■	-	-	■	■	■	■	■	■	-	■	■	■	■	57
		1.071-932.0	3	600-1300	30-200/3-20	■	Ceramic	■	-	■	■	■	■	■	■	■	-	■	■	■	■	57
		1.071-914.0	3	600-1200	30-180/3-18	■	Ceramic	■	-	-	■	■	■	■	■	■	-	■	■	■	■	57
		1.071-925.0	3	600-1200	30-180/3-18	■	Ceramic	■	-	■	■	■	■	■	■	■	-	■	■	■	■	57
<b>HDS Middle class</b>																						
		1.071-900.0	3	500-1000	30-200/3-20	■	Ceramic	■	-	-	■	■	■	■	■	■	-	■	■	■	■	59
		1.071-912.0	3	500-1000	30-200/3-20	■	Ceramic	■	-	■	■	■	■	■	■	■	-	■	■	■	■	59
		1.077-911.0	3	450-900	30-180/3-18	■	Ceramic	■	-	-	■	■	■	■	■	■	-	■	■	■	■	59
		1.077-918.0	3	450-900	30-180/3-18	■	Ceramic	■	-	■	■	■	■	■	■	■	-	■	■	■	■	59
		1.077-908.0	3	400-800	30-180/3-18	■	Ceramic	■	-	-	■	■	■	■	■	■	-	■	■	■	■	59
		1.077-910.0	3	400-800	30-180/3-18	■	Ceramic	■	-	■	■	■	■	■	■	■	-	■	■	■	■	59
		1.077-900.0	1	350-700	30-120/3-12	■	Ceramic	■	-	-	■	■	-	■	■	-	■	-	■	-	■	59
		1.077-906.0	1	350-700	30-120/3-12	■	Ceramic	■	-	■	■	■	-	■	■	-	■	-	■	-	■	59
<b>HDS Compact class</b>																						
		1.174-900.0	3	300-800	30-180/3-18	■	Ceramic	■	-	-	■	■	■	■	■	■	-	■	■	■	■	61
		1.174-906.0	3	300-800	30-180/3-18	■	Ceramic	■	-	■	■	■	■	■	■	■	-	■	■	■	■	61
		1.174-911.0	3	290-760	30-170/3-17	■	Ceramic	■	-	-	■	-	■	■	■	■	-	■	■	■	■	61
		1.174-915.0	3	290-760	30-170/3-17	■	Ceramic	■	-	■	■	-	■	■	■	■	-	■	■	■	■	61
		1.173-900.0	3	270-660	30-160/3-16	■	Stainless steel	■	-	-	■	-	■	■	■	■	-	■	■	■	■	61
		1.173-904.0	3	270-660	30-160/3-16	■	Stainless steel	■	-	■	■	-	■	■	■	■	-	■	■	■	■	61
		1.170-900.0	1	240-560	30-140/3-14	■	Ceramic	■	-	■	■	■	■	■	■	■	-	■	-	■	■	61
		1.170-902.0	1	240-560	30-140/3-14	■	Ceramic	■	-	■	■	■	■	■	■	■	-	■	-	■	■	61
		1.169-900.0	1	240-560	30-140/3-14	■	Stainless steel	■	-	-	■	-	■	■	■	■	-	■	-	■	■	61
		1.169-905.0	1	240-560	30-140/3-14	■	Stainless steel	■	-	■	■	-	■	■	■	■	-	■	-	■	■	61
		1.272-900.0	1	500	120/12	■	Stainless steel	-	-	-	■	-	-	■	■	■	-	-	-	-	-	61
<b>HDS Upright class</b>																						
		1.064-912.0	1	450	150/15	-	Stainless steel	-	-	-	-	-	-	■	■	■	■	-	-	-	-	63
		1.064-913.0	1	450	150/15	-	Stainless steel	-	-	■	-	-	-	■	■	■	■	-	-	-	-	63
		1.064-908.0	1	500	125/12.5	-	Stainless steel	-	-	-	-	-	-	■	■	■	■	-	-	-	-	63
		1.064-909.0	1	500	125/12.5	-	Stainless steel	-	-	■	-	-	-	■	■	■	■	-	-	-	-	63
		1.064-900.0	1	450	110/11	-	Stainless steel	-	-	-	-	-	-	■	■	■	■	-	-	-	-	63
		1.064-901.0	1	450	110/11	-	Stainless steel	-	-	■	-	-	-	■	■	■	■	-	-	-	-	63
<b>HDS trailer</b>																						
		1.524-521.2	-	500-900	150-500/15-50	-	Ceramic	-	■	■	-	-	-	Industry	■	■	-	■	-	■	■	67
		1.524-521.2	-	650-1300	100-350/10-35	-	Ceramic	-	■	■	-	-	-	Industry	■	■	-	■	-	■	■	67
		1.524-952.2	-	900-1700	70-200/7-20	-	Ceramic	-	■	■	-	-	■	■	■	■	-	■	-	■	■	67
		1.524-952.2	-	900-1300	50-200/5-20	-	Ceramic	-	■	■	-	-	■	■	■	■	-	■	-	■	■	67
<b>HDS Special class</b>																						
		1.071-934.0	3	800-1850	30-180/3-18	-	Ceramic	■	-	-	■	■	■	■	-	■	-	■	■	■	■	68
		1.030-906.0	3	300-760	30-160/3-16	■	Ceramic	-	-	-	-	■	■	■	-	■	-	■	-	■	■	69
		1.030-904.0	3	300-760	30-160/3-16	■	Ceramic	-	-	-	-	■	■	■	-	■	-	■	-	■	■	69
		1.030-900.0	3	300-760	30-160/3-16	■	Ceramic	-	-	-	-	■	■	■	-	■	-	■	-	■	■	69
<b>HDS with combustion engine</b>																						
		1.811-943.0	-	450-900	40-200/4-20	-	Stainless steel	-	■	-	-	-	■	■	-	■	-	■	-	■	-	70
		1.811-942.0	-	450-900	40-210/4-21	-	Stainless steel	-	■	-	-	-	■	■	-	■	-	■	-	■	-	70
		1.210-901.0	-	600	140/14	-	Stainless steel	-	-	-	-	-	-	■	-	■	■	-	-	-	-	71
		1.210-900.0	-	600	140/14	-	Stainless steel	-	-	-	-	-	-	■	-	■	■	-	-	-	-	71

■ Included in delivery.



### 1 State-of-the-art burner technology

Hot water high-pressure cleaners from Kärcher undergo continuous further development. Thanks to a highly efficient burner and a new turbo blower, emissions can be lowered and fuel consumption reduced. The independent European Cleaning Machines Association has certified Kärcher, the world's first provider of hot water high-pressure cleaners, for efficiency and compliance with exhaust gas emissions standards. This guarantees:

- Highly efficient burners.
- Low fuel consumption.
- Low emissions.

### 2 Long-lasting pump engineering

All pumps used in Kärcher high-pressure cleaners are manufactured in our own factories by specialists. This guarantees the highest "made by Kärcher" quality. The integrated soft damping hose causes hydraulic pressure fluctuations in the system to smooth out, which guarantees a longer lifetime for the high-pressure cleaner.

### 3 Save energy and protect the environment

Kärcher's new series of hot water high-pressure cleaners is the first hot water machine in the world to offer an ecoefficiency mode. Simply set the main switch to ecoefficiency mode and the machine switches to the most economical temperature range (60°C) while maintaining full water flow. The advantage: burner cycles are optimised and the fuel consumption compared with full load operation (80°C) is reduced by 20%.

### 4 Exemplary mobility

Kärcher high-pressure cleaners are always raising the bar when it comes to mobility. The HDS ranges of Compact, Middle and Super class models are in a "jogger" design: large rubber tyre wheels at the rear and castors at the front. For the first time, the HDS Upright class uses the tried-and-tested sack truck principle of cold water units in hot water machines. It also features ergonomic push handles and perfect weight distribution – ideal for quick and safe relocation with minimum effort. Transport is simplified by forklift compatibility, transport eyelets and tilting aid.



# HDS SUPER CLASS



## Super class – top performance for non-stop use

Super class heated high-pressure cleaners offer optimum cleaning performance, easy handling and the latest technology, and are suitable for two-lance operation. Wherever dirt is present.



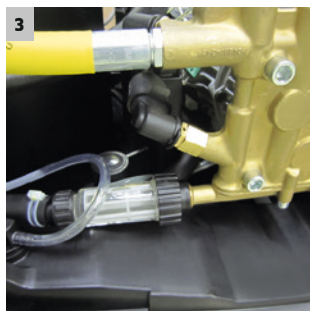
### 1 High efficiency

- In the eco!efficiency mode the machine operates in the most economical temperature range (60°C) – with full water flow.
- The burner cycles are optimised to reduce fuel consumption by 20% compared with full-load operation.



### 2 LED-Display

- Clearly arranged centrally on the control panel (HDS 13/20)
- Fill level indicators for fuel, cleaning agent and system care.
- Integrated elapsed time counter.



### 3 Reliability

- The Soft Damping System (SDS) compensates for vibration and pressure peaks in the high-pressure system.
- Large, easy-to-reach water fine filter for protecting the pump against dirt particles in the water.
- Machine operational data (duration of use and required service intervals) can be retrieved.



### 4 Maximum efficiency

- Highly efficient, tried-and-tested burner technology.
- Four-pole electric motor with 3-piston axial pump.
- Water-cooled motor for a high level of performance and durability.

# TECHNICAL DATA AND EQUIPMENT

## HDS 13/20-4 S HDS 13/20-4 SX

## HDS 12/18-4 S HDS 12/18-4 SX

- Dual spray lance operation possible
- Electronic service control, with flame monitoring
- LED display for displaying fill level and operating hours
- Dual spray lance operation possible
- Two cleaning agent tanks
- Economical ecoefficiency mode

Technical data			
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50
Connection load	kW	9.3	8.4
Flow rate	l/h	600-1300	600-1200
Working pressure	bar / MPa	30-200 / 3-20	30-180 / 3-18
Max. temperature	°C	80 / 155	80 / 155
Weight	kg	186   194	178   186
Dimensions (L × W × H)	mm	1330 × 750 × 1060	1330 × 750 × 1060
Detergent tank	l	20 + 10	20 + 10
Fuel tank	l	25	25
Heating oil consumption, full load / ecoefficiency	kg/h	8.3 / 6.6	7.7 / 6.2
Equipment			
Spray gun		EASY!Force Advanced	EASY!Force Advanced
Pressure hose	m	10   20	10   20
Spray lance	mm	1050	1050
Power nozzle		■	■
Dry-running protection		■	■
Pressure hose reel		-   ■	-   ■
Soft Damping System (SDS)		■	■
Servo Control		■	■
Order No.		1.071-927.0   -932.0	1.071-914.0   -925.0
Price			

■ Included in delivery.

Accessories			
Product name	Order No.	Description	Price
Cup foam lance Advanced 042	2.112-018.0	Short, handy foam lance with 1-litre cleaning agent container directly on the lance. Thanks to its compact construction style, it is ideal, for example, for cleaning lorries with foam. Swivelling connection M 22 × 1.5, variable cleaning agent dosage via control on lance, adjustable spray angle.	
Additional handle for EASY!Lock spray lances	4.321-380.0	Comfortable in every situation – the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360° rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.	
Telescopic spray lance	4.112-037.0	Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach (e.g. ceilings, facades). With integrated HD trigger gun.	
Rotating wash brush for > 800 l/h machines, nylon bristles	4.113-002.0	Driven by the water stream. For gentle removal of fine dust and grey film on all surfaces. Temperature-resistant up to 60°C (replaceable brush insert).	
Quick coupling	2.115-000.0	For quick changing between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface.	
Male coupling	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000.0	
Pipe cleaning nozzle	5.763-012.0	With internal thread, different spraying directions for efficient and environmentally friendly cleaning of blocked drains and pipes. The nozzle openings are designed to allow the nozzle and hose to move freely through the pipe.	
Hard surface cleaner FR 30 Me	2.111-013.0	High-quality, hot water-resistant surface cleaner with stainless steel casing, double ceramic bearing, non-marking steering rollers, integrated suction hose connection for suction of the spray water. Ideal for interior cleaning and use in the food industry. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1,300 l/h / 85°C.	
High-pressure hose Longlife 400, 2 × EASY!Lock, ID 8, 400 bar, 10 m, ANTI!Twist	6.110-038.0	High-pressure hose with double steel reinforcement and EASY!Lock hand screw connection at both ends.	
Remote control attachment kit, HDS-M class	2.642-157.0	Remote control for the machines of the HDS Middle and Super class with the functions on/off, hot/cold water and cleaning agent on/off. For mounting to a wall.	
Coin remote control attachment kit, HDS-M class	2.642-158.0	Retrofittable coin acceptor for machines in the HDS Middle and Super class for self-service operation. For installation on the machine.	

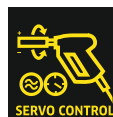
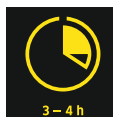


## HDS MIDDLE CLASS



### The Middle class – consistent high-performance.

If efficiency, power, operating comfort and durability are just as important to you as environmental protection: ideal for demanding cleaning tasks – from agriculture to industry.



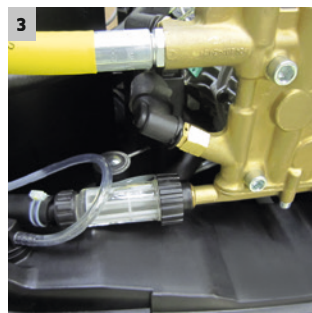
#### 1 Efficiency

- In the eco!efficiency mode the machine operates in the most economical temperature range (60°C) – with full water flow.
- The burner cycles are optimised to reduce fuel consumption by 20% compared with full-load operation.



#### 2 Maximum efficiency

- Highly efficient, tried-and-tested burner technology.
- Four-pole electric motor with 3-piston axial pump.
- Water-cooled motor for a high level of performance and durability.



#### 3 Operational safety

- The large, integrated water fine filter reliably protects the high-pressure pump against small dirt particles.
- An integrated exhaust gas thermostat switches off the drive motor if the emission temperature exceeds 300°C.
- The Soft Damping System (SDS) compensates for vibration and pressure peaks in the high-pressure system.



#### 4 Mobility concept

- "Jogger" design with large rubber-tyred wheels and steering roller.
- Sturdy transport eyelets for safe loading during transport.
- Integrated tilting aid for effortlessly negotiating obstacles such as steps and kerbs.

# TECHNICAL DATA AND EQUIPMENT

## HDS 10/20-4 M HDS 10/20-4 MX

## HDS 9/18-4 M HDS 9/18-4 MX

## HDS 8/18-4 M HDS 8/18-4 MX

- Economical ecoefficiency mode
- Two cleaning agent tanks
- Three-phase motor: water-cooled
- Economical ecoefficiency mode
- Two cleaning agent tanks
- Three-phase motor: water-cooled
- Economical ecoefficiency mode
- Axial pump with turbo blower
- Three-phase motor: air-cooled

Technical data				
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Connection load	kW	7.8	6.4	5.5
Flow rate	l/h	500-1000	450-900	400-800
Working pressure	bar / MPa	30-200 / 3-20	30-180 / 3-18	30-180 / 3-18
Max. temperature	°C	80 / 155	80 / 155	80 / 155
Weight	kg	171   179	156   164	155   163
Dimensions (L × W × H)	mm	1330 × 750 × 1060	1330 × 750 × 1060	1330 × 750 × 1060
Detergent tank	l	20 + 10	20 + 10	20 + 10
Fuel tank	l	25	25	25
Heating oil consumption, full load / ecoefficiency	kg/h	6.4 / 5.1	5.8 / 4.6	5.3 / 4.2
Equipment				
Spray gun		EASY!Force Advanced	EASY!Force Advanced	EASY!Force Advanced
Pressure hose	m	10   20	10   20	10   20
Spray lance	mm	1050	1050	1050
Power nozzle		■	■	■
Dry-running protection		■	■	■
Pressure hose reel		-   ■	-   ■	-   ■
Soft Damping System (SDS)		■	■	■
Servo Control		■	■	■
Order No.		1.071-900.0   -912.0	1.077-911.0   -918.0	1.077-908.0   -910.0
Price				

■ Included in delivery.

## HDS 7/12-4 M HDS 7/12-4 MX

- Economical ecoefficiency mode
- Axial pump with turbo blower
- Three-phase motor: air-cooled

Technical data		
Supply voltage	Ph / V / Hz	1 / 230 / 50
Connection load	kW	3.4
Flow rate	l/h	350-700
Working pressure	bar / MPa	30-120 / 3-12
Max. temperature	°C	80 / 155
Weight	kg	146   154
Dimensions (L × W × H)	mm	1330 × 750 × 1060
Detergent tank	l	20 + 10
Fuel tank	l	25
Heating oil consumption, full load / ecoefficiency	kg/h	4.6 / 3.7
Equipment		
Spray gun		EASY!Force Advanced
Pressure hose	m	10   20
Spray lance	mm	1050
Power nozzle		■
Dry-running protection		■
Pressure hose reel		-   ■
Soft Damping System (SDS)		■
Servo Control		-
Order No.		1.077-900.0   -906.0
Price		

■ Included in delivery.

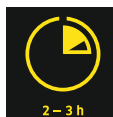


## HDS COMPACT CLASS



### The Compact class – universal all-rounder

Our hot water high-pressure cleaners of the Compact class are true all-rounders. As universal professional machines, they meet virtually any of your individual cleaning needs.



2 – 3 h



SERVO CONTROL



EASY!Force



ANTI-TWIST



#### 1 Efficiency

- eco!efficiency mode – economical and environmentally friendly, even during longer periods of use.
- Reduces fuel consumption and CO<sub>2</sub> emissions by 20%.
- Accurate cleaning agent dosing unit with clear rinse function.



#### 2 Ease of use

- Intuitive operation with large single-button selector switch.
- Large tank opening with filling chute.
- System care bottle can be changed conveniently from the outside.



#### 3 Storage

- Lockable accessory compartment for nozzles, tools, etc.
- Storage hooks for power cord and high-pressure hose.
- Integrated lance attachment for easy transport.



#### 4 Mobility

- "Jogger" design with large wheels and steering roller.
- Large integrated handles in the chassis.
- Integrated tilting aid for effortlessly negotiating obstacles such as steps and kerbs.

# TECHNICAL DATA AND EQUIPMENT

		HDS 8/18-4 C HDS 8/18-4 CX	HDS 8/17 C HDS 8/17 CX	HDS 7/16 C HDS 7/16 CX
		<ul style="list-style-type: none"> <li>Economical ecoefficiency mode</li> <li>Intuitive single-button selector switch</li> <li>Four-pole water-cooled electric motor</li> </ul>	<ul style="list-style-type: none"> <li>Economical ecoefficiency mode</li> <li>Intuitive single-button selector switch</li> <li>Powerful three-phase motor</li> </ul>	<ul style="list-style-type: none"> <li>Economical ecoefficiency mode</li> <li>Intuitive single-button selector switch</li> <li>Powerful three-phase motor</li> </ul>
<b>Technical data</b>				
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Connection load	kW	6	5.7	4.7
Flow rate	l/h	300-800	290-760	270-660
Working pressure	bar / MPa	30-180 / 3-18	30-170 / 3-17	30-160 / 3-16
Max. temperature	°C	80 / 155	80 / 155	80 / 155
Weight	kg	112   114	106   108	103   105
Dimensions (L × W × H)	mm	1060 × 650 × 920   1215 × 650 × 920	1060 × 650 × 920   1215 × 650 × 920	1060 × 650 × 920   1215 × 650 × 920
Detergent tank	l	10	10	10
Fuel tank	l	15	15	15
Heating oil consumption, full load	kg/h	5	4.7	4.1
Heating oil consumption, ecoefficiency	kg/h	4	3.8	3.3
<b>Equipment</b>				
Spray gun		EASY!Force Advanced	EASY!Force Advanced	EASY!Force Advanced
Pressure hose	m	10   15	10   15	10   15
Spray lance	mm	1050	1050	1050
Power nozzle	■	■	■	■
Switchable triple nozzle	-	-	-	-
Soft Damping System (SDS)	■	■	■	■
Pressure hose reel	-   ■	-   ■	-   ■	-   ■
Servo Control	■	■	■	■
Order No.		1.174-900.0   -906.0	1.174-911.0   -915.0	1.173-900.0   -904.0
Price				

■ Included in delivery.

		HDS 6/14-4 C HDS 6/14-4 CX	HDS 6/14 C HDS 6/14 CX	HDS 5/12 C
		<ul style="list-style-type: none"> <li>Economical ecoefficiency mode</li> <li>four-pole water-cooled electric motor</li> </ul>	<ul style="list-style-type: none"> <li>Economical ecoefficiency mode</li> <li>Intuitive single-button selector switch</li> <li>Extensive range of standard equipment</li> </ul>	<ul style="list-style-type: none"> <li>Economical ecoefficiency mode</li> <li>Intuitive single-button selector switch</li> <li>Entry-level model in the Compact class</li> </ul>
<b>Technical data</b>				
Supply voltage	Ph / V / Hz	1 / 230 / 50	1 / 230 / 50	1 / 230 / 50
Connection load	kW	3.6	3.6	2.9
Flow rate	l/h	240-560	240-560	500
Working pressure	bar / MPa	30-140 / 3-14	30-140 / 3-14	120 / 12
Max. temperature	°C	80 / 155	80 / 155	80
Weight	kg	104   106	93   95	86
Dimensions (L × W × H)	mm	1060 × 650 × 920   1215 × 650 × 920	1060 × 650 × 920   1215 × 650 × 920	1060 × 650 × 920
Detergent tank	l	10	10	10
Fuel tank	l	15	15	15
Heating oil consumption, full load	kg/h	3.5	3.5	3.2
Heating oil consumption, ecoefficiency	kg/h	2.8	2.8	2.6
<b>Equipment</b>				
Spray gun		EASY!Force Advanced	EASY!Force Advanced	EASY!Force Advanced
Pressure hose	m	10   15	10   15	10
Spray lance	mm	1050	1050	840
Power nozzle	■	■	■	-
Switchable triple nozzle	-	-	-	Manual
Soft Damping System (SDS)	■	■	■	■
Pressure hose reel	-   ■	-   ■	-   ■	-
Servo Control	■	■	■	-
Order No.		1.170-900.0   -902.0	1.169-900.0   -905.0	1.272-900.0
Price				

■ Included in delivery.

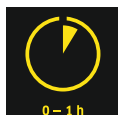


## HDS UPRIGHT CLASS



### The Upright class – for maximum mobility

These high-performance, robust upright machines offer outstanding manoeuvrability, easy transport and intuitive operation. Ideal for tradesmen, commercial use and contract cleaners.



#### 1 Innovative upright design

- Effortless transport over landings or stairs.
- Large wheels for unpaved surfaces.



#### 2 Water fine filter

- Efficiently protects high-pressure pump against contamination.
- Easy to remove from outside.



#### 3 Compact design

- Space-saving storage and transport.
- Spill-proof pump and fuel tank for flat transport.
- Ideal for small service vehicles.



#### 4 Integrated hose reel

- Secure and convenient storage of the pressure hose.
- Ensures ergonomic operation.
- Reduced set-up times.

# TECHNICAL DATA AND EQUIPMENT

		HDS 5/15 U HDS 5/15 UX	HDS 5/13 U HDS 5/13 UX	HDS 5/11 U HDS 5/11 UX
		<ul style="list-style-type: none"> <li>■ Mobile entry-level model</li> <li>■ Space-saving upright design</li> <li>■ Exhaust temperature monitoring</li> </ul>	<ul style="list-style-type: none"> <li>■ Mobile entry-level model</li> <li>■ Space-saving upright design</li> <li>■ Exhaust temperature monitoring</li> </ul>	<ul style="list-style-type: none"> <li>■ Mobile entry-level model</li> <li>■ Space-saving upright design</li> <li>■ Exhaust temperature monitoring</li> </ul>
<b>Technical data</b>				
Supply voltage	Ph / V / Hz	1 / 230 / 50	1 / 230 / 50	1 / 230 / 50
Connection load	kW	2.7	2.6	2.2
Flow rate	l/h	450	500	450
Working pressure	bar / MPa	150 / 15	125 / 12.5	110 / 11
Max. temperature	°C	80	80	80
Weight	kg	74   76	72   74	68   70
Dimensions (L × W × H)	mm	620 × 620 × 990   620 × 620 × 1160	620 × 620 × 990   620 × 620 × 1160	620 × 620 × 990   620 × 620 × 1160
Fuel tank	l	6.5	6.5	6.5
Heating oil or gas consumption, full load	kg/h	2.4	3.1	2.4
<b>Equipment</b>				
Spray gun		EASY!Force Advanced	EASY!Force Advanced	EASY!Force Advanced
Pressure hose	m	10   15	10   15	10   15
Spray lance	mm	840	840	840
Switchable triple nozzle		Manual	Manual	Manual
Power nozzle		-	-	-
Soft Damping System (SDS)		-	-	-
Pressure hose reel		-   ■	-   ■	-   ■
Servo Control		-	-	-
Order No.		1.064-912.0   -913.0	1.064-908.0   -909.0	1.064-900.0   -901.0
Price				

■ Included in delivery.

<b>Accessories</b>				
Product name	Order No.	Description	Price	
Pipe cleaning hose, ID 6, 20 m, max. 140 bar	6.110-049.0	Particularly flexible high-pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8").		
Additional handle for EASY!Lock spray lances	4.321-380.0	Comfortable in every situation - the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360° rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.		
Dirt blaster	4.114-040.0	Dirt blaster - rotating point jet - 10 times the cleaning performance. Maximum working time thanks to ceramic nozzle/bearing ring. Max. 300 bar / 30 MPa, 85°C.		
Cup foam lance Advanced 042	2.112-018.0	Short, handy foam lance with 1-litre cleaning agent container directly on the lance. Thanks to its compact construction style, it is ideal, for example, for cleaning lorries with foam. Swivelling connection M 22 × 1.5, variable cleaning agent dosage via control on lance, adjustable spray angle.		
Telescopic spray lance	4.112-037.0	Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach (e.g. ceilings, facades). With integrated HD trigger gun.		
Quick coupling	2.115-000.0	For quick changing between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface.		
Male coupling	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000.0		
Rotating wash brush for < 800 l/h machines, natural hair bristles	4.113-003.0	Driven by the water stream. For gentle removal of fine dust and grey film on all surfaces. Temperature-resistant up to 60°C (replaceable brush insert).		
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	6.110-008.0	Particularly flexible high-pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8").		
Push-on washing brush	4.113-001.0	For all surface cleaning tasks. Clamps directly onto the spray lance.		
Hard surface cleaner FR 30 Me	2.111-013.0	High-quality, hot water-resistant surface cleaner with stainless steel casing, double ceramic bearing, non-marking steering rollers, integrated suction hose connection for suction of the spray water. Ideal for interior cleaning and use in the food industry. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1300 l/h / 85°C.		

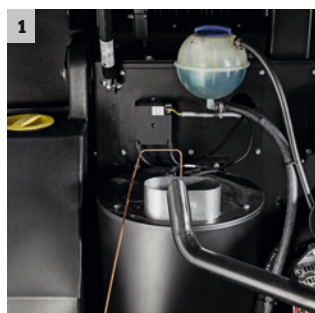
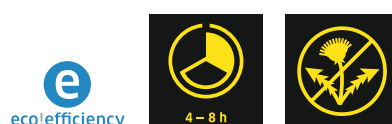


# HDS TRAILER



## Outstanding mobility and reliability on the road

The range of trailer-based hot water high-pressure cleaners represents extraordinary mobility and maximum user-friendliness. The reliable machines enable efficient use. Ideal for municipalities, industry and construction.



### 1 Maximum efficiency

- Tried-and-tested Kärcher burner technology with maximum efficiency.
- Heat recovery through the use of engine waste heat in hot water operation generates fuel savings of up to 14%.
- Environmentally friendly operation and lower operating cost thanks to Kärcher's eco!efficiency mode.

### 2 Easy handling

- EASY Operation: operation of the trailer with a central selector switch.
- Two hose reels in the operating area for fast attachment and removal.
- Large storage space: protective gear, accessories are always ready to hand and safely stored.

### 3 Independent of power and water supply

- Large 500-litre water tank for up to 30 minutes of cleaning at full power.
- 100-litre diesel tank – ideal for long periods of use.
- Yanmar diesel engine rated at 19 kW.

### 4 Customised machine configuration

- Thanks to customised configuration options, the trailer can be assembled precisely according to customer-specific requirements.
- Skid and Cab versions available, for example for transporting on truck loading platforms.
- Available with diesel particle filter.

# INDIVIDUAL CONFIGURATION

## Several performance classes:

### HDS 9/50

500 bar

900 l/h

Automatic pressure  
relief option

#### Accessories package

30-metre high-pressure hose

Power nozzle

Spray gun

Spray lance

### HDS 13/35

350 bar

1,300 l/h

Automatic pressure  
relief option

### HDS 17/20

200 bar

1,700 l/h

Optionally with preparation  
for dual spray lance operation

### HDS 13/20

200 bar

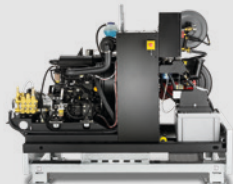
1,300 l/h

#### Hose reel

High-pressure hose reel

Water inlet hose reel

## Mobility:

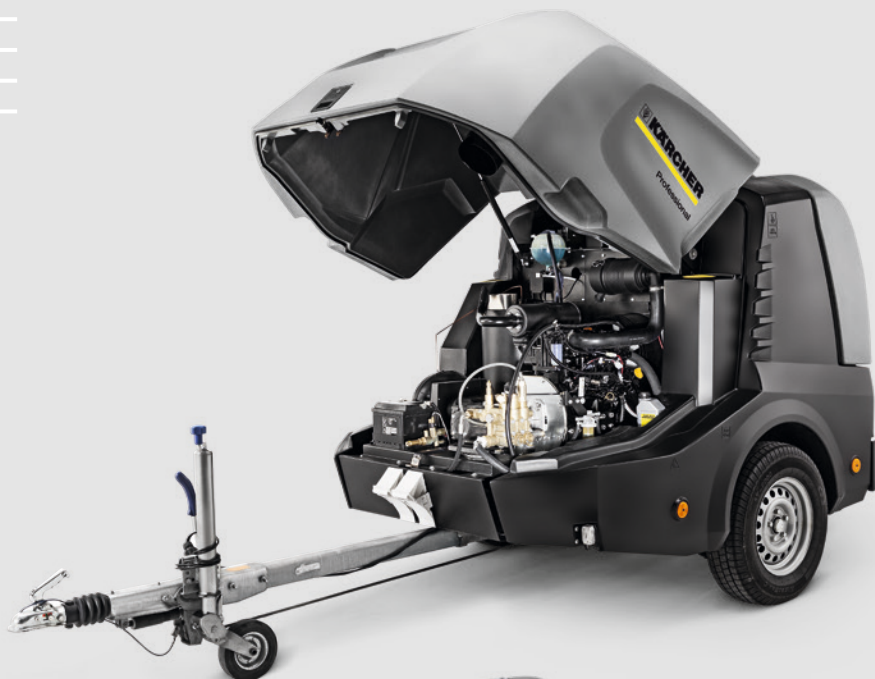


### Skid

Stationary frame with  
forklift pockets

Without water tank

Without cover



### Cab

Stationary frame with  
forklift pockets

Integrated 500-litre water tank

With cover



### Trailer

On the chassis

Integrated 500-litre water tank

With cover

With optional shock absorbers

### Water softening system

The automatic dosing of the Machine Protector RM 110 protects the heating coil from calcification. This guarantees a long working time for the burner.

### Heat recovery

An additional heat exchanger uses the engine waste heat to heat the water. This saves up to 14% on fuel costs in hot water operation.

### Antifreeze system

Thanks to the intelligent antifreeze system, the machine is easy to prepare for the winter.



# A WIDE RANGE OF APPLICATION POSSIBILITIES

Thanks to the customised configuration options, an enormous application spectrum can be covered. Here are just a few ways in which our new trailers impress with their flexibility and reliability.



## 1 Facade cleaning

- For example, removal of environmental pollution from car exhaust fumes, paraffins/oily deposits, calcium/soot/organic deposits such as moss, etc.
- Cleaning prior to a facade renovation.
- Cleaning of churches, historical buildings, commercial buildings, residential buildings owned by housing associations, industrial buildings, noise-insulating walls, etc.

## 2 Construction machines and other equipment

- Cleaning construction machines, in particular the removal of stubborn concrete or mortar residues.
- Cleaning planking and scaffolding.

## 3 Public places and buildings

- Removal of oil stains/oil smears, chewing gum, organic growth, mud deposits, and much more.
- Cleaning of car parks, bus stops, swimming pools, underground garages (ceiling, walls and floor), pavements, and terraces.
- Weed removal with hot water in combination with a weed lance.

## 4 Traffic routes, train stations and bridges

- Cleaning of train stations, for example platforms, underpasses and stairways.
- Cleaning of bridges as part of renovation work.
- Tunnels, roads, and public spaces.

## TECHNICAL DATA AND EQUIPMENT

On the 200-bar machines, pressure and water volume can be regulated directly on the lance thanks to Servo Control. The machines generating 350 and 500-bar feature speed-dependant pressure and water flow regulation. The 200-bar machines are also equipped with a cleaning agent dosing unit.



		HDS 9/50 De	HDS 13/35 De	HDS 17/20 De	HDS 13/20 De
		<ul style="list-style-type: none"> <li>■ Speed reduction</li> <li>■ Speed control</li> <li>■ As a trailer or stationary</li> </ul>	<ul style="list-style-type: none"> <li>■ Speed reduction</li> <li>■ Speed control</li> <li>■ As a trailer or stationary</li> </ul>	<ul style="list-style-type: none"> <li>■ Speed reduction</li> <li>■ Cleaning agent dosing unit</li> <li>■ Servo Control</li> </ul>	<ul style="list-style-type: none"> <li>■ Speed reduction</li> <li>■ Cleaning agent dosing unit</li> <li>■ Servo Control</li> </ul>
<b>Technical data</b>					
<b>Engine manufacturer</b>		Yanmar	Yanmar	Yanmar	Yanmar
<b>Fuel</b>		Diesel	Diesel	Diesel	Diesel
<b>Motor rating</b>	<b>kW</b>	19	19	19	19
<b>Flow rate</b>	<b>l/h</b>	500-900	650-1300	900-1700	900-1300
<b>Working pressure</b>	<b>bar/MPa</b>	150-500 / 15-50	100-350 / 10-35	70-200 / 7-20	50-200 / 5-20
<b>Max. temperature</b>	<b>°C</b>	85 / 98	85 / 98	80 / 98	85 / 98
<b>Net weight</b>	<b>kg</b>	950	950	950	950
<b>Dimensions (L × W × H)</b>	<b>mm</b>	3646 × 1747 × 1735	3646 × 1747 × 1735	3646 × 1747 × 1735	3646 × 1747 × 1735
<b>Diesel consumption, full load</b>	<b>kg/h</b>	9.7	12.4	11.8	11.3
<b>Diesel consumption ecoefficiency</b>	<b>kg/h</b>	7.5	9.3	9.7	8.2
<b>Equipment</b>					
<b>Spray gun</b>		Industrial trigger gun	Industrial trigger gun	EASY!Force Advanced	EASY!Force Advanced
<b>High-pressure hose</b>	<b>m</b>	30	30	30	30
<b>Spray lance</b>	<b>mm</b>	700	700	1050	1050
<b>Power nozzle</b>		■	■	■	■
<b>Servo Control</b>		-	-	■	■
<b>Pressure adjustment via speed regulation</b>		■	■	-	-
<b>Order No.</b>		<b>1.524-521.2</b>	<b>1.524-521.2</b>	<b>1.524-952.2</b>	<b>1.524-952.2</b>
<b>Price</b>					

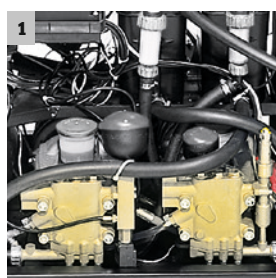
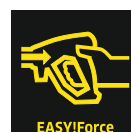
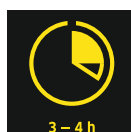
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## HDS SPECIAL CLASS



### The Super class – the best machine for day-to-day multiple lance operation

Equipped with powerful pumps and efficient burner technology, the Super class is used in industry, the construction sector, agriculture and in large fleets (e.g. hauliers).



#### 1 Duo drive concept

- 2 fatigue-tested, water-cooled three-phase motors.
- Delayed start prevents power supply overload.

#### 2 Service control

- Electronic monitoring machine for protection against interference.
- Operating data logging with LED display of maintenance intervals based on operating hours.

### HDS 2000 Super

- Two powerful pump sets
- Electronic service control, with flame monitoring
- Cleaning agent dosing can be controlled from the trigger gun

Technical data		
Supply voltage	Ph / V / Hz	3 / 400 / 50
Connection load	kW	2 × 6.7
Flow rate	l/h	800-1850
Working pressure	bar / MPa	30-180 / 3-18
Max. temperature	°C	80 / 98
Weight	kg	280
Dimensions (L × W × H)	mm	1500 × 834 × 1015
Detergent tank	l	25
Fuel tank	l	25
Heating oil or gas consumption, full load	kg/h	12.3
Equipment		
Spray gun		EASY!Force Advanced
Pressure hose	m	15
Spray lance	mm	1050
Power nozzle		■
Dry-running protection		■
Pressure hose reel		-
Soft Damping System (SDS)		■
Servo Control		■
Order No.		1.071-934.0
Price		

■ Included in delivery.

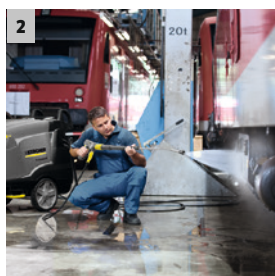
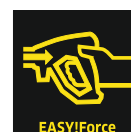
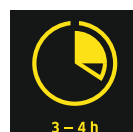


# HDS SPECIAL CLASS



## The exhaust-free specialist

The exhaust-free HDS-E 8/16-4 M with electrical boiler is used where exhaust gases are unwanted or prohibited. Thanks to innovative boiler insulation and Kärcher's eco!efficiency mode, it is easy both on budgets and the environment.



### 1 Highly energy-efficient, for high cost savings

- Highly effective insulating material saves up to 40% energy in stand-by mode.
- Unique eco!efficiency mode.

### 2 Particularly high work temperature

- Large water reservoir (max. 85°C).
- Up to 58°C in continuous operation under full load or 80°C with Servo Control.

#### HDS-E 8/16 -4 M 36 kW

#### HDS-E 8/16-4 M 24KW

#### HDS-E 8/16-4 M 12 KW

- Economical eco!efficiency mode
- Tilting aid
- Two cleaning agent tanks with automatic rinsing

- Economical eco!efficiency mode
- Tilting aid
- Two cleaning agent tanks with automatic rinsing

- Economical eco!efficiency mode
- High-speed heating chamber
- Two cleaning agent tanks with automatic rinsing

#### Technical data

	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Supply voltage				
Connection load	kW	41.5	29.5	17.5
Flow rate	l/h	300-760	300-760	300-760
Working pressure	bar / MPa	30-160 / 3-16	30-160 / 3-16	30-160 / 3-16
Max. temperature	°C	58 / 85	45 / 85	30 / 85
Weight	kg	118	112	108
Dimensions (L × W × H)	mm	1330 × 750 × 1060	1330 × 750 × 1060	1330 × 750 × 1060
Detergent tank	l	20 + 10	20 + 10	20 + 10

#### Equipment

Spray gun		EASY!Force Advanced	EASY!Force Advanced	EASY!Force Advanced
Pressure hose	m	10	10	10
Spray lance	mm	1050	1050	1050
Power nozzle	■	■	■	■
Dry-running protection	■	■	■	■
Pressure hose reel	-	-	-	-
Servo Control	■	■	■	■
Order No.		1.030-906.0	1.030-904.0	1.030-900.0
Price				

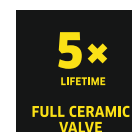
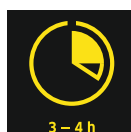
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# HDS WITH INTERNAL COMBUSTION ENGINE

## Middle class – untiring and professional



High-quality and reliable machine for diverse uses in construction, municipal, agriculture and forestry. Easy to mount on vehicles for space-saving use.



### 1 Optimum ease of use

- Automatic burner cut-out in case of water shortage and overheating.
- The ergonomically designed spray gun reduces holding and pulling force.

### 2 Maximum performance

- High-output burner with upright heating coil and detonation-free continuous ignition.
- For removing stubborn encrustations.

## HDS 1000 De

## HDS 1000 Be

- Diesel engine with electro start
- Professional high-performance hot water machine

- Petrol engine with electro start
- Professional high-performance hot water machine

### Technical data

Engine manufacturer		Yanmar	Honda
Motor type		L 100 N / diesel	GX 390/petrol
Motor rating	kW / hp	7.4 / 10	9.5 / 13
Flow rate	l/h	450-900	450-900
Working pressure	bar / MPa	40-200 / 4-20	40-210 / 4-21
Max. temperature	°C	98 / 80	98 / 80
Weight	kg	185	165
Dimensions (L × W × H)	mm	1100 × 750 × 785	1100 × 750 × 785
Heating oil or gas consumption, full load	kg/h	5.6	5.6

### Equipment

Spray gun		EASY!Force Advanced	EASY!Force Advanced
Pressure hose	m	15	15
Power nozzle		■	■
Spray lance	mm	1050	1050
Switchable triple nozzle		-	-
Cage frame		■	■
Pressure hose reel		-	-
Servo Control		■	■
Order No.		1.811-943.0	1.811-942.0
Price			

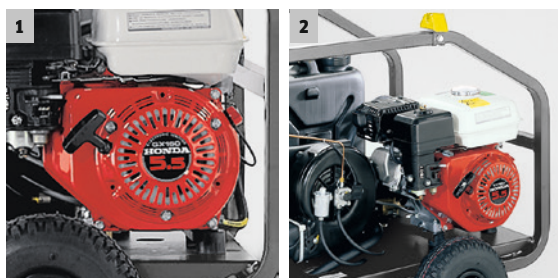
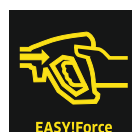
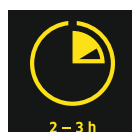
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# HDS WITH INTERNAL COMBUSTION ENGINE

## Compact class – reliable and economical



These entry-level mobile machines feature powerful, economical petrol and diesel engines and offer useful safety features such as a safety valve against overpressure.



### 1 Maximum independence

- Efficient four-stroke petrol or diesel engine with reversing starter.
- The right motor for the right job.

### 2 For the toughest jobs

- Sturdy tubular steel frame protects all components.
- Crane hook for use in the rental business and in construction, agriculture and forestry.

## HDS 801 D

## HDS 801 B

- Compact hot water unit
- Safety valve protects the unit against overpressure
- Sturdy tubular frame for handling with crane

- Compact hot water unit
- Safety valve protects the unit against overpressure
- Sturdy tubular frame for handling with crane

### Technical data

		HDS 801 D	HDS 801 B
Engine manufacturer		Lombardini	Honda
Motor type		15 LD 225 / diesel	GX 160 K1/ petrol
Motor rating	kW / hp	3.5 / 4.8	4 / 5.5
Flow rate	l/h	600	600
Working pressure	bar / MPa	140 / 14	140 / 14
Max. temperature	°C	80	80
Weight	kg	130	110
Dimensions (L × W × H)	mm	1168 × 862 × 767	1168 × 862 × 767
Heating oil or gas consumption, full load	kg/h	4.1	4.1

### Equipment

		HDS 801 D	HDS 801 B
Spray gun		EASY!Force Advanced	EASY!Force Advanced
Pressure hose	m	10	10
Power nozzle		-	-
Spray lance	mm	840	840
Switchable triple nozzle		Manual	Manual
Cage frame		■	■
Pressure hose reel		-	-
Servo Control		-	-
Order No.		1.210-901.0	1.210-900.0
Price			

■ Included in delivery.



## COMPACT AND VERSATILE

Ideal for tradesmen, building service providers, small businesses and anyone who wants to be mobile on the job: the handy and powerful cold water high-pressure cleaners. Their rugged design, practical carrying handle and integrated accessory storage guarantee maximum flexibility of use with minimal weight. Kärcher quality on the go.



### Table of contents: Cold water high-pressure cleaners

HD Super class	Page	76	HD Cage Classic	Page	96
HD Middle class	Page	78	HD Classic with combustion engine	Page	98
HD Compact class	Page	80	Solar panel cleaner iSolar	Page	100
HD Portable class	Page	84	Water softening	Page	102
HD Cage Super class	Page	86	Barrel cleaner	Page	103
HD Cage Middle class	Page	87	Weed removal	Page	104
HD Cage Compact class	Page	88	GS jet gun	Page	106
HD Special class	Page	89	Multi-purpose cleaning machine	Page	107
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### 1 Exemplary mobility

Based on the tried-and-tested sack truck principle, all machines come with ergonomic push handles and perfect weight distribution. This allows quick and safe relocation with minimum effort. With the new HD Compact class, the additional carrying handle at the front of the machine allows easy loading and transport, together with accessories. Additional skids on the rear of the unit make it easy to transport the machine up and down stairs. Thanks to the push handle, which can be extended and retracted at the push of a button, the HD Compact class is quickly ready to use and is also compact for transportation and storage.

### 2 For independent use

Petrol or diesel-powered high-pressure cleaners from Kärcher can be used anywhere there is no power supply available. Where required, water can be pumped directly, e.g. from lakes. This means that the machines are ideal for use in agriculture, construction or in the public sector.





### 3 Target group-specific solutions

In addition to the standard range, Kärcher also offers target group-specific cold water high-pressure cleaners, which are tailored to specific customer requirements. The HD 10/15-4 Cage Food, for example, is used in the food industry and features very high performance values and hot water resistance up to 85°C. In addition, the high-pressure cleaner is equipped with specially developed accessories which help in fulfilling strict hygiene regulations.

#### Hot or cold? Whatever you need

With high pressure, the impact pressure is a key factor – perfect for the removal of non-adhesive dirt and large quantities of dirt, for example dust, moss and soil. The advantages of high pressure are:

- Lower acquisition costs
- No energy costs for hot water generation
- Fewer components
- More compact design
- Cost-effective servicing and repair

	Price	Order No.	Supply voltage (phases)	Flow rate (l/h)	Max. pressure (bar/MPa)	Working pressure (bar/MPa)	Integrated cleaning agent tank (l)	Integrated high-pressure hose reel	Crankshaft pump	Infinitely variable pressure and water flow regulation on the machine	Servo Control	Dirt blaster	Spray gun	Spray lance, rotatable	High-pressure nozzle	Page
<b>HD Super class</b>																
	HD 17/14-4 S Plus	1.286-915.0	3	650-1700	154 / 15.4	30-140 / 3-14	-	-	-	-	■	■	EASY!Force Advanced	■	Power nozzle	77
	HD 17/14-4 SX Plus	1.286-931.0	3	650-1700	154 / 15.4	30-140 / 3-14	-	■	-	-	■	■	EASY!Force Advanced	■	Power nozzle	77
	HD 13/18-4 S Plus	1.286-932.0	3	650-1300	198 / 19.8	30-180 / 3-18	6	-	-	-	■	■	EASY!Force Advanced	■	Power nozzle	77
	HD 13/18-4 SX Plus	1.286-936.0	3	650-1300	198 / 19.8	30-180 / 3-18	6	■	-	-	■	■	EASY!Force Advanced	■	Power nozzle	77
	HD 10/25-4 S / S Plus	1.286-902.0 1.286-913.0	3	500-1000	275 / 27.5	30-250 / 3-25	6	-	-	-	■	- / ■	EASY!Force Advanced	■	Power nozzle	77
	HD 10/25-4 SX Plus	1.286-927.0	3	500-1000	275 / 27.5	30-250 / 3-25	6	■	-	-	■	■	EASY!Force Advanced	■	Power nozzle	77
	HD 10/23-4 S / S Plus	1.286-922.0 1.286-923.0	3	1000	253 / 25.3	230 / 23	6	-	-	-	-	- / ■	EASY!Force Advanced	■	Power nozzle	77
	HD 10/23-4 SX Plus	1.286-924.0	3	1000	253 / 25.3	230 / 23	6	■	-	-	-	■	EASY!Force Advanced	■	Power nozzle	77
<b>HD Middle class</b>																
	HD 9/20-4 M / M Plus	1.524-924.0 1.524-926.0	3	460-900	220 / 22	40-200 / 4-20	-	-	-	-	■	- / ■	EASY!Force	■	Triple nozzle	79
	HD 9/20-4 MX Plus	1.524-927.0	3	460-900	220 / 22	40-200 / 4-20	-	■	-	-	■	■	EASY!Force	■	Triple nozzle	79
	HD 9/19 M / M Plus	1.524-915.0 1.524-919.0	3	450-890	220 / 22	40-185 / 4-18.5	-	-	-	-	■	- / ■	EASY!Force	■	Triple nozzle	79
	HD 9/19 MX Plus	1.524-922.0	3	450-890	220 / 22	40-185 / 4-18.5	-	■	-	-	■	■	EASY!Force	■	Triple nozzle	79
	HD 7/18-4 M / M Plus	1.524-910.0 1.524-913.0	3	240-700	215 / 21.5	30-180 / 3-18	-	-	-	-	■	- / ■	EASY!Force	■	Triple nozzle	79
	HD 7/18-4 MX Plus	1.524-914.0	3	240-700	215 / 21.5	30-180 / 3-18	-	■	-	-	■	■	EASY!Force	■	Triple nozzle	79
	HD 6/16-4 M / M Plus	1.524-900.0 1.524-903.0	1	230-600	190 / 19	30-160 / 3-16	-	-	-	-	■	- / ■	EASY!Force	■	Triple nozzle	79
	HD 6/16-4 MX Plus	1.524-904.0	1	230-600	190 / 19	30-160 / 3-16	-	■	-	-	■	■	EASY!Force	■	Triple nozzle	79
<b>HD Compact class</b>																
	HD 7/18 C	1.151-900.0	3	240-700	215 / 21.5	20-175 / 2-17.5	-	-	-	-	■	-	EASY!Force	■	Triple nozzle	81
	HD 7/18 C Plus	1.151-902.0	3	240-700	215 / 21.5	20-175 / 2-17.5	-	-	-	-	■	■	EASY!Force	■	Triple nozzle	81
	HD 7/18 CX Plus	1.151-908.0	3	240-700	215 / 21.5	20-175 / 2-17.5	-	■	-	-	■	■	EASY!Force	■	Triple nozzle	81
	HD 6/15 C	1.150-903.0	1	230-560	190 / 19	30-150 / 3-15	-	-	-	-	■	-	EASY!Force	■	Triple nozzle	81
	HD 6/15 C Plus	1.150-905.0	1	230-560	190 / 19	30-150 / 3-15	-	-	-	-	■	■	EASY!Force	■	Triple nozzle	81
	HD 6/15 CX Plus	1.150-914.0	1	230-560	190 / 19	30-150 / 3-15	-	■	-	-	■	■	EASY!Force	■	Triple nozzle	81
	HD 6/12-4 C	1.150-900.0	1	300-600	160 / 16	20-120 / 2-12	-	-	-	-	■	-	EASY!Force	■	Triple nozzle	81
	HD 6/12-4 C Plus	1.150-901.0	1	300-600	160 / 16	20-120 / 2-12	-	-	-	-	■	■	EASY!Force	■	Triple nozzle	81
	HD 6/12-4 CX Plus	1.150-902.0	1	300-600	160 / 16	20-120 / 2-12	-	■	-	-	■	■	EASY!Force	■	Triple nozzle	81
	HD 5/17 C	1.520-940.0	1	500	200 / 20	170 / 17	-	-	-	-	-	-	EASY!Force	■	Triple nozzle	83
	HD 5/17 C Plus	1.520-941.0	1	500	200 / 20	170 / 17	-	-	-	-	-	■	EASY!Force	■	Triple nozzle	83
	HD 5/17 CX Plus	1.520-942.0	1	500	200 / 20	170 / 17	-	■	-	-	-	■	EASY!Force	■	Triple nozzle	83
	HD 6/13 C	1.520-950.0	1	560	190 / 19	130 / 13	-	-	-	-	-	-	EASY!Force	■	Triple nozzle	83
	HD 6/13 C Plus	1.520-951.0	1	560	190 / 19	130 / 13	-	-	-	-	-	■	EASY!Force	■	Triple nozzle	83
	HD 6/13 CX Plus	1.520-952.0	1	560	190 / 19	130 / 13	-	■	-	-	-	■	EASY!Force	■	Triple nozzle	83
	HD 5/15 C	1.520-930.0	1	500	200 / 20	150 / 15	-	-	-	-	-	-	EASY!Force	■	Triple nozzle	83
	HD 5/15 C Plus	1.520-931.0	1	500	200 / 20	150 / 15	-	-	-	-	-	■	EASY!Force	■	Triple nozzle	83
	HD 5/15 CX Plus	1.520-932.0	1	500	200 / 20	150 / 15	-	■	-	-	-	■	EASY!Force	■	Triple nozzle	83
	HD 5/12 C	1.520-900.0	1	500	175 / 17.5	120 / 12	-	-	-	-	-	-	EASY!Force	■	Triple nozzle	83
	HD 5/12 C Plus	1.520-901.0	1	500	175 / 17.5	120 / 12	-	-	-	-	-	■	EASY!Force	■	Triple nozzle	83
	HD 5/12 CX Plus	1.520-902.0	1	500	175 / 17.5	120 / 12	-	■	-	-	-	■	EASY!Force	■	Triple nozzle	83

■ Included in delivery.





	Price	Order No.	Supply voltage (phases)	Flow rate (l/h)	Max. pressure (bar/MPa)	Working pressure (bar/MPa)	Integrated cleaning agent tank (l)	Integrated high-pressure hose reel	Crankshaft pump	Infinitely variable pressure and water flow regulation on the machine	Servo Control	Dirt blaster	Spray gun	Spray lance, rotatable	High-pressure nozzle	Page
<b>HD Portable class</b>																
HD 5/11 P		1.520-960.0	1	490	160 / 16	110 / 11	-	-	-	-	-	-	EASY!Force	■	Power nozzle	85
HD 5/11 P Plus		1.520-961.0	1	490	160 / 16	110 / 11	-	-	-	-	-	■	EASY!Force	■	Power nozzle	85
<b>HD Special class</b>																
HD 25/15-4 Cage Plus		1.353-907.0	3	500-2500	190 / 19	30-150 / 3-15	-	-	■	■	■	■	Industry	■	Power nozzle	86
HD 20/15-4 Cage Plus		1.353-906.0	3	500-2000	190 / 19	30-150 / 3-15	-	-	■	■	■	■	Industry	■	Power nozzle	86
HD 16/15-4 Cage Plus		1.353-905.0	3	500-1600	190 / 19	30-150 / 3-15	-	-	■	■	■	■	EASY!Force Advanced	■	Power nozzle	86
HD 10/25-4 Cage Plus		1.353-902.0	3	1000	273 / 27.3	250 / 25	-	-	-	-	-	■	EASY!Force Advanced	■	Power nozzle	87
HD 715		1.353-909.0	3	250-700	175 / 17.5	10-150 / 1-15	-	-	■	-	-	-	EASY!Force	■	Triple nozzle	88
HD 600		1.353-900.0	1	240-650	125 / 12.5	10-110 / 1-11	-	-	■	-	-	-	EASY!Force	■	Triple nozzle	88
HD 10/16-4 Cage Ex		1.353-904.0	3	1000	220 / 22	160 / 16	-	-	■	-	-	-	EASY!Force Ex protection	■	Power nozzle	89
HD 10/15-4 Cage Food		1.353-908.0	3	440-990	175 / 17.5	20-145 / 2-14.5	-	-	-	-	■	-	EASY!Force Food	■	Power nozzle	90
HD 7/10 CXF		1.151-906.0	3	250-700	120 / 12	10-100 / 1-10	-	■	-	-	■	-	EASY!Force Food	■	Triple nozzle	91
<b>HD with combustion engine</b>																
HD 9/23 De		1.187-907.0	-	400-930	250 / 25	40-230 / 4-23	-	-	-	-	■	-	EASY!Force Advanced	■	Power nozzle	93
HD 9/23 G		1.187-906.0	-	400-930	250 / 25	40-230 / 4-23	-	-	-	-	■	-	EASY!Force Advanced	■	Power nozzle	93
HD 9/21 G		1.187-905.0	-	200-850	230 / 23	10-210 / 1-21	-	-	-	■	-	-	EASY!Force Advanced	■	Power nozzle	93
HD 8/20 G		1.187-904.0	-	200-750	230 / 23	10-200 / 1-20	-	-	-	■	-	-	EASY!Force Advanced	■	Power nozzle	93
HD 7/15 G		1.187-903.0	-	650	160 / 16	150 / 15	-	-	-	-	-	-	EASY!Force Advanced	■	Power nozzle	93
HD 728 B		1.187-908.0	-	650	160 / 16	150 / 15	-	-	-	-	-	-	EASY!Force Advanced	■	Triple nozzle	93
<b>HD Classic</b>																
HD 9/20-4 Classic		1.367-308.0	3	520-900	240 / 24	70-200 / 7-20	-	-	■	■	-	-	Standard	-	Power nozzle	95
HD 7/18-4 Classic		1.367-307.0	3	520-700	220 / 22	70-180 / 7-18	-	-	■	■	-	-	Standard	-	Power nozzle	95
HD 6/15-4 Classic		1.367-306.0	1	450-600	190 / 19	70-150 / 7-15	-	-	■	■	-	-	Standard	-	Power nozzle	95
HD 7/11-4 Classic		1.367-305.0	1	520-700	150 / 15	70-110 / 7-11	-	-	■	■	-	-	Standard	-	Power nozzle	95
HD 5/11 Cage Classic		1.520-204.0	1	500	160 / 16	110 / 11	-	-	-	-	-	-	Standard	-	Power nozzle	96
HD 9/18-4 Cage Classic		1.367-315.0	3	450-900	240 / 24	70-180 / 7-18	-	-	■	■	-	-	Standard	-	Power nozzle	97
HD 7/16-4 Cage Classic		1.367-314.0	3	400-700	220 / 22	70-160 / 7-16	-	-	■	■	-	-	Standard	-	Power nozzle	97
HD 7/11-4 Cage Classic		1.367-318.0	1	520-700	220 / 22	70-110 / 7-11	-	-	■	■	-	-	Standard	-	Power nozzle	97
HD 8/23 G Classic		1.187-902.0	-	800	280 / 28	230 / 23	-	-	■	-	-	-	EASY!Force	■	Power nozzle	99
HD 7/20 G Classic		1.187-901.0	-	700	250 / 25	200 / 20	-	-	■	-	-	-	EASY!Force	■	Power nozzle	99
HD 6/15 G Classic		1.187-900.0	-	600	200 / 20	150 / 15	-	-	■	-	-	-	EASY!Force	■	Power nozzle	99

■ Included in delivery.

## HD SUPER CLASS



### Super class – perfect for tough jobs in non-stop use

Where vast amounts of dirt accumulate every day, reliable Kärcher Super class models provide indispensable services. Ideal for use in the construction, agricultural and forestry sectors as well as industry and municipal facilities.



#### 1 Proven Kärcher quality

- Four-pole water-cooled electric motor.
- Robust brass cylinder head and ceramic piston.
- Reinforced, unbreakable plastic chassis.



#### 2 Hose storage

- With bearings on both sides, for 20 m pressure hose.
- Hose guide passes under machine for high resistance to tipping.
- For fast, convenient fitting and removal.



#### 3 For increased safety

- Integrated electronics system for machine monitoring.
- Automatic switch-off in case of low voltage range or overvoltage.
- Switches off in case of leaks or phase failure.



#### 4 Outstanding mobility

- Large rubber wheels for negotiating uneven surfaces, stairs and landings.
- Proven sack truck principle for easy, ergonomic transport.

# TECHNICAL DATA AND EQUIPMENT

		HD 17/14-4S Plus HD 17/14-4SX Plus	HD 13/18-4 S Plus HD 13/18-4 SX Plus	HD 10/25-4 S HD 10/25-4 S Plus HD 10/25-4 SX Plus
		<ul style="list-style-type: none"> <li>Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners.</li> <li>Water-cooled three-phase motor</li> <li>Outstanding flushing action</li> </ul>	<ul style="list-style-type: none"> <li>Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners.</li> <li>Water-cooled three-phase motor</li> <li>Outstanding flushing action</li> </ul>	<ul style="list-style-type: none"> <li>Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners.</li> <li>Water-cooled three-phase motor</li> <li>Maximum impact pressure for stubborn dirt</li> </ul>
<b>Technical data</b>				
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Connection load	kW	9.4	9.2	9.2
Flow rate	l/h	650-1700	650-1300	500-1000
Working pressure	bar / MPa	30-140 / 3-14	30-180 / 3-18	30-250 / 3-25
Max. pressure	bar / MPa	154 / 15.4	198 / 19.8	275 / 27.5
Max. inlet temperature	°C	60	60	60
Weight	kg	63   65	62   64	62   62   64
Dimensions (L × W × H)	mm	560 × 500 × 1090	560 × 500 × 1090	560 × 500 × 1090
<b>Equipment</b>				
Detergent tank	l	-	6	6
Spray gun		EASY!Force Advanced	EASY!Force Advanced	EASY!Force Advanced
Pressure hose	m	10   15	10   20	10   10   20
Spray lance	mm	1050	1050	1050
Switchable triple nozzle		-	-	-
Power nozzle	■	■	■	■
Dirt blaster	■	■	■	-   ■   ■
Pressure hose reel	-   ■	-   ■	-   ■	-   -   ■
Servo Control	■	■	■	■
Order No.		1.286-915.0   -931.0	1.286-932.0   -936.0	1.286-902.0   -913.0   -927.0
Price				

■ Included in delivery.

## HD 10/23-4 S HD 10/23-4 S Plus HD 10/23-4 SX Plus

		<ul style="list-style-type: none"> <li>Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners.</li> <li>Water-cooled three-phase motor</li> <li>Features Kärcher power nozzle</li> </ul>
<b>Technical data</b>		
Supply voltage	Ph / V / Hz	3 / 400 / 50
Connection load	kW	7.8
Flow rate	l/h	1000
Working pressure	bar / MPa	230 / 23
Max. pressure	bar / MPa	253 / 25.3
Max. inlet temperature	°C	60
Weight	kg	62   62   64
Dimensions (L × W × H)	mm	560 × 500 × 1090
<b>Equipment</b>		
Detergent tank	l	6
Spray gun		EASY!Force Advanced
Pressure hose	m	10   10   20
Spray lance	mm	1050
Switchable triple nozzle		-
Power nozzle	■	■
Dirt blaster	-   ■   ■	-   ■   ■
Pressure hose reel	-   -   ■	-   -   ■
Servo Control	-	-
Order No.		1.286-922.0   -923.0   -924.0
Price		

■ Included in delivery.

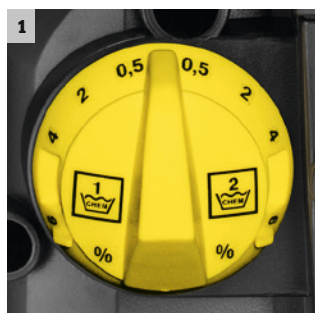
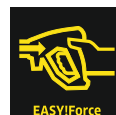
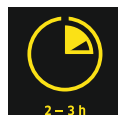


## HD MIDDLE CLASS



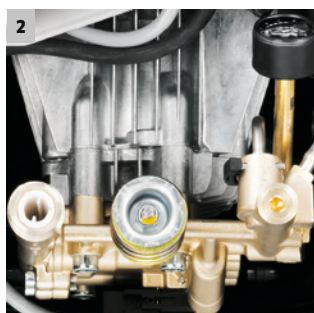
### Middle class – excellent features

These Middle class machines are extremely mobile and user-friendly with low-speed four-pole AC or three-phase motors for continuous use.



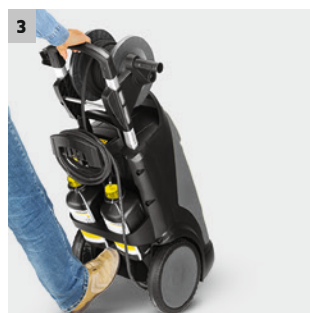
#### 1 SwitchChem

- For precise and infinitely variable cleaning agent dosing.
- Two-way dosing valve for switching between different cleaning agents.
- Easy cleaning agent bottle changeover.



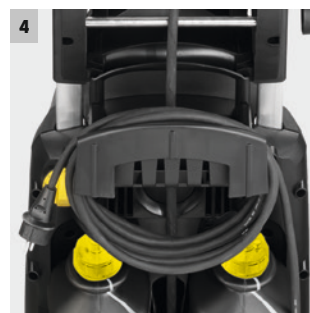
#### 2 Powerful and durable

- Air/water-cooled electric motors for intensive use.
- Four-pole low-speed electric motor.
- Ceramic-coated piston.



#### 3 Outstanding mobility

- Large wheels for uneven surfaces.
- Upright design for easy, ergonomic transport.
- Integrated tilting aid at the rear of the unit.



#### 4 Clever features

- Power cord storage at the rear of the unit.
- Integrated lance fixation for easy transport.
- Parking position for working interruptions.

# TECHNICAL DATA AND EQUIPMENT

## HD 9/20-4 M HD 9/20-4 M Plus HD 9/20-4 MX Plus

## HD 9/19 M HD 9/19 M Plus HD 9/19 MX Plus

## HD 7/18-4 M HD 7/18-4 M Plus HD 7/18-4 MX Plus

- Air/water-cooled motor
- Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners.
- 3-piston pump with ceramic pistons

- Three-phase motor: sturdy and robust
- Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners.
- SwitchChem dosing

- Robust, four-pole low-speed three-phase motor
- Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners.
- SwitchChem dosing

### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Connection load	kW	7	6.8	5
Flow rate	l/h	460-900	450-890	240-700
Working pressure	bar / MPa	40-200 / 4-20	40-185 / 4-18.5	30-180 / 3-18
Max. pressure	bar / MPa	220 / 22	220 / 22	215 / 21.5
Max. inlet temperature	°C	60	60	60
Weight	kg	48   48   50	43   43   45	49   49   52
Dimensions (L × W × H)	mm	467 × 407 × 1010	467 × 407 × 1010	467 × 407 × 1010

### Equipment

Spray gun		EASY!Force	EASY!Force	EASY!Force
Pressure hose	m	10   10   15	10   10   15	10   10   15
Spray lance	mm	1050	1050	1050
Switchable triple nozzle		Manual	Manual	Manual
Power nozzle		-	-	-
Dirt blaster		-   ■   ■	-   ■   ■	-   ■   ■
Pressure hose reel		-   -   ■	-   -   ■	-   -   ■
Servo Control		■	■	■

Order No.	1.524-924.0   -926.0   -927.0	1.524-915.0   -919.0   -922.0	1.524-910.0   -913.0   -914.0
Price			

■ Included in delivery.

## HD 6/16-4 M HD 6/16-4 M Plus HD 6/16-4 MX Plus

- four-pole AC motor
- Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners.
- SwitchChem dosing

### Technical data

Supply voltage	Ph / V / Hz	1 / 230 / 50
Connection load	kW	3.4
Flow rate	l/h	230-600
Working pressure	bar / MPa	30-160 / 3-16
Max. pressure	bar / MPa	190 / 19
Max. inlet temperature	°C	60
Weight	kg	48   48   50
Dimensions (L × W × H)	mm	467 × 407 × 1010

### Equipment

Spray gun		EASY!Force
Pressure hose	m	10   10   15
Spray lance	mm	1050
Switchable triple nozzle		Manual
Power nozzle		-
Dirt blaster		-   ■   ■
Pressure hose reel		-   -   ■
Servo Control		■

Order No.	1.524-900.0   -903.0   -904.0
Price	

■ Included in delivery.

## HD COMPACT CLASS



### The Compact class – durability in a small package

Whether they are used in a trade, by a cleaning company or in municipal facilities, the powerful and durable all-purpose machines in the Compact class are extremely versatile and impress with their extensive range of equipment.



#### 1 Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners

- At last – work without getting tired: the EASY!Force high-pressure gun.
- EASY!Lock quick-release fasteners: durable and robust. And five times faster than screws.



#### 2 Accessory storage

- Clever features such as nozzle storage for added convenience.
- On-board cord storage with clip.
- Integrated hose reel with 15 m pressure hose. For a large operating radius and effortless stowage (CX versions).



#### 3 Extendable push handle

- Large aluminium profiles ensure stability and easy turning manoeuvre.
- Acts as an accessory holder when extended.
- When retracted, it takes up little space and is easy to transport in a service vehicle/estate car, for example.



#### 4 Outstanding mobility

- For fast cleaning at different locations of use.
- Space-saving storage in service vehicles.
- Short set-up times thanks to integrated storage possibilities.



# TECHNICAL DATA AND EQUIPMENT

		HD 7/18 C HD 7/18 C Plus HD 7/18 CX Plus	HD 6/15 C HD 6/15 C Plus HD 6/15 CX Plus	HD 6/12-4 C HD 6/12-4 C Plus HD 6/12-4 CX Plus
		<ul style="list-style-type: none"> <li>■ Three-phase motor: sturdy and robust</li> <li>■ Servo Control: variable water and pressure volume regulation direct from the trigger gun</li> <li>■ Rotatable stainless steel spray lance</li> </ul>	<ul style="list-style-type: none"> <li>■ Three-piston axial pump with ceramic pistons</li> <li>■ Excellent mobility due to compact dimensions and low weight</li> <li>■ Infinitely variable pressure regulation</li> </ul>	<ul style="list-style-type: none"> <li>■ Four-pole, low-speed, robust AC motor</li> <li>■ Three-piston axial pump with ceramic pistons</li> <li>■ Infinitely variable pressure regulation</li> </ul>
<b>Technical data</b>				
Supply voltage	Ph / V / Hz	3 / 400 / 50	1 / 230 / 50	1 / 230 / 50
Connection load	kW	4.7	3.1	2.8
Flow rate	l/h	240-700	230-560	300-600
Working pressure	bar / MPa	20-175 / 2-17.5	30-150 / 3-15	20-120 / 2-12
Max. pressure	bar / MPa	215 / 21.5	190 / 19	160 / 16
Max. inlet temperature	°C	60	60	60
Weight	kg	24   24   29	23   23   28	24   24   29
Dimensions (L × W × H)	mm	360 × 375 × 925   360 × 375 × 925   360 × 400 × 925	360 × 375 × 925   360 × 375 × 925   360 × 400 × 925	360 × 375 × 925   360 × 375 × 925   360 × 400 × 925
<b>Equipment</b>				
Spray gun		EASY!Force	EASY!Force	EASY!Force
Pressure hose	m	10   10   15	10   10   15	10   10   15
Spray lance	mm	840	840	840
Switchable triple nozzle		Manual	Manual	Manual
Power nozzle		-	-	-
Dirt blaster		-   ■   ■	-   ■   ■	-   ■   ■
Pressure hose reel		-   -   ■	-   -   ■	-   -   ■
Servo Control		■	-	-
Order No.		1.151-900.0   -902.0   -908.0	1.150-903.0   -905.0   -914.0	1.150-900.0   -901.0   -902.0
Price				

■ Included in delivery.

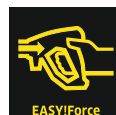
<b>Accessories</b>			
Product name	Order No.	Description	Price
Cup foam lance Advanced 042	2.112-018.0	Short, handy foam lance with 1-litre cleaning agent container directly on the lance. Thanks to its compact construction style, it is ideal, for example, for cleaning lorries with foam. Swivelling connection M 22 × 1.5, variable cleaning agent dosage via control on lance, adjustable spray angle.	
High-pressure hose 2x EASY!Lock, ID 8, 315 bar, 10 m, ANTI!Twist FR 30	6.110-031.0	High-pressure hose with EASY!Lock hand screw connection at both ends.	
	2.111-011.0	Up to 10 times greater area coverage compared with the conventional high-pressure jet. Plastic casing for optimal manoeuvrability, double ceramic bearing for long working times, flexible connection joint for optimal handling and integrated parking position. Machine-specific nozzle kit must be ordered separately. Max. 180 bar / 850 l/h / 60°C.	
Quick coupling	2.115-000.0	For quick changing between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface.	
Male coupling	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000.0	
Pipe cleaning hose, ID 6, 20 m, max. 140 bar	6.110-049.0	Particularly flexible high-pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8").	
Pipe cleaning dirt blaster D 25 / 040	6.415-944.0	With R 1/8" connection for attachment to pipe cleaning hose. 1 × forward rotary nozzle, 3 × 30° backwards.	
Rotating wash brush for < 800 l/h machines, nylon bristles	4.113-004.0	Driven by the water stream. For gentle removal of fine dust and grey film on all surfaces. Temperature-resistant up to 60°C (replaceable brush insert).	
Telescopic spray lance	4.112-037.0	Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach (e.g. ceilings, facades). With integrated HD trigger gun.	

## HD COMPACT CLASS



### Practical. Everywhere

Light, compact, mobile and versatile. For vertical and horizontal operation. With clever accessory storage and long service life thanks to the brass cylinder head and automatic pressure relief.



#### 1 Mobility

- Integrated carrying handle on the front of the machine enables easy loading and convenient transport.
- Push handle can be retracted at the push of a button.
- Compact construction style.

#### 2 Flexibility

- Vertical and horizontal operation possible.
- The wheels are not on during horizontal operation. As such, the machine offers maximum stability.
- Separate park and transport position for the spray unit.

#### 3 Quality

- The automatic pressure relief protects the components and extends the service life of the machine.
- High-quality brass cylinder head.
- Large, easy-to-reach water fine filter for protecting the pump against dirt particles in the water.

#### 4 Accessory storage

- Screw connection (M 18 × 1.5) for storing a Surface Cleaner directly on the machine.
- Practical nozzle compartments for triple nozzle and rotary nozzle.
- Rubber strap for fixing the pressure hose.

# TECHNICAL DATA AND EQUIPMENT

## HD 5/17 C HD 5/17 C Plus HD 5/17 CX Plus

## HD 6/13 C HD 6/13 C Plus HD 6/13 CX Plus

## HD 5/15 C HD 5/15 C Plus HD 5/15 CX Plus

- Automatic pressure relief
- For horizontal and vertical operation
- Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners

- Automatic pressure relief
- For horizontal and vertical operation
- Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners

- Automatic pressure relief
- For horizontal and vertical operation
- Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners

### Technical data

Supply voltage	Ph / V / Hz	1 / 230 / 50	1 / 230 / 50	1 / 230 / 50
Connection load	kW	3	2.9	2.8
Flow rate	l/h	480	590	500
Working pressure	bar / MPa	170 / 17	130 / 13	150 / 15
Max. pressure	bar / MPa	200 / 20	190 / 19	200 / 20
Max. inlet temperature	°C	60	60	60
Weight	kg	25.2   25.2   27.5	25.2   25.2   27.5	25.2   25.2   27.5
Dimensions (L × W × H)	mm	380 × 360 × 930   380 × 360 × 930   380 × 370 × 930	380 × 360 × 930   380 × 360 × 930   380 × 370 × 930	380 × 360 × 930   380 × 360 × 930   380 × 370 × 930

### Equipment

Spray gun		EASY!Force	EASY!Force	EASY!Force
Pressure hose	m	10   10   15	10   10   15	10   10   15
Spray lance	mm	840	840	840
Switchable triple nozzle		Manual	Manual	Manual
Power nozzle		-	-	-
Dirt blaster		-   ■   ■	-   ■   ■	-   ■   ■
Pressure hose reel		-   -   ■	-   -   ■	-   -   ■
Servo Control		-	-	-
Order No.		1.520-940.0   -941.0   -942.0	1.520-950.0   -951.0   -952.0	1.520-930.0   -931.0   -932.0
Price				

■ Included in delivery.

## HD 5/12 C HD 5/12 C Plus HD 5/12 CX Plus

- Automatic pressure relief
- For horizontal and vertical operation
- Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners

### Technical data

Supply voltage	Ph / V / Hz	1 / 230 / 50
Connection load	kW	2.5
Flow rate	l/h	500
Working pressure	bar / MPa	120 / 12
Max. pressure	bar / MPa	175 / 17.5
Max. inlet temperature	°C	60
Weight	kg	23.7   23.7   26
Dimensions (L × W × H)	mm	380 × 360 × 930   380 × 360 × 930   380 × 370 × 930

### Equipment

Spray gun		EASY!Force
Pressure hose	m	10   10   15
Spray lance	mm	840
Switchable triple nozzle		Manual
Power nozzle		-
Dirt blaster		-   ■   ■
Pressure hose reel		-   -   ■
Servo Control		-
Order No.		1.520-900.0   -901.0   -902.0
Price		

■ Included in delivery.



## HD PORTABLE CLASS

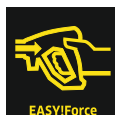


### Maximum performance and minimum space

High-pressure cleaner with compact design and low weight – the best prerequisites for mobile applications. Ideal for tradesmen. With automatic pressure relief.



0 – 1 h



EASY!Force



EASY!Lock



AUTO SHUTDOWN



1



2



3



4

#### 1 Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners

- At last – work without getting tired: the EASY!Force high-pressure gun.
- EASY!Lock quick-release fasteners: durable and robust. And five times faster than screws.

#### 2 Excellent mobility

- The integrated carrying handle on the front of the machine enables easy loading and convenient transport.
- Compact construction style and low weight.

#### 3 Flexibility

- Vertical and horizontal operation possible.
- Separate park and transport position for the spray unit.
- The machine offers maximum stability in horizontal operation.

#### 4 Quality

- The automatic pressure relief protects the components and extends the service life of the machine.
- High-quality brass cylinder head.

# TECHNICAL DATA AND EQUIPMENT

## HD 5/11 P HD 5/11 P Plus

- Automatic pressure relief
- For horizontal and vertical operation
- Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners

Technical data		
Supply voltage	Ph / V / Hz	1 / 230 / 50
Connection load	kW	2.2
Flow rate	l/h	490
Working pressure	bar / MPa	110 / 11
Max. pressure	bar / MPa	160 / 16
Max. inlet temperature	°C	60
Weight	kg	20.5
Dimensions (L × W × H)	mm	351 × 312 × 904

Equipment		
Spray gun		EASY!Force
Pressure hose	m	10
Spray lance	mm	840
Switchable triple nozzle		-
Power nozzle		■
Dirt blaster		-   ■
Pressure hose reel		-
Servo Control		-
Order No.		1.520-960.0   -961.0
Price		

■ Included in delivery.

Accessories			
Product name	Order No.	Description	Price
Cup foam lance Advanced 042	2.112-018.0	Short, handy foam lance with 1-litre cleaning agent container directly on the lance. Thanks to its compact construction style, it is ideal, for example, for cleaning lorries with foam. Swivelling connection M 22 × 1.5, variable cleaning agent dosage via control on lance, adjustable spray angle.	
High-pressure hose 2 × EASY!Lock, ID 8, 315 bar, 10 m, ANTI!Twist	6.110-031.0	High-pressure hose with EASY!Lock hand screw connection at both ends.	
FR 30	2.111-011.0	Up to 10 times greater area coverage compared with the conventional high-pressure jet. Plastic casing for optimal manoeuvrability, double ceramic bearing for long working times, flexible connection joint for optimal handling and integrated parking position. Machine-specific nozzle kit must be ordered separately. Max. 180 bar / 850 l/h / 60°C.	
Quick coupling	2.115-000.0	For quick changing between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface.	
Male coupling	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000.0	
Pipe cleaning hose, ID 6, 20 m, max. 140 bar	6.110-049.0	Particularly flexible high-pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8").	
Pipe cleaning dirt blaster D 25 / 040	6.415-944.0	With R 1/8" connection for attachment to pipe cleaning hose. 1 × forward rotary nozzle, 3 × 30° backwards.	
Rotating wash brush for < 800 l/h machines, nylon bristles	4.113-004.0	Driven by the water stream. For gentle removal of fine dust and grey film on all surfaces. Temperature-resistant up to 60°C (replaceable brush insert).	
Telescopic spray lance	4.112-037.0	Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach (e.g. ceilings, facades). With integrated HD trigger gun.	

# HD CAGE SUPER CLASS



## Cage Super class – for the toughest jobs

The Cage Super class provides high mobility and outstanding performance for prolonged operating periods. Exceptionally high water flow rate quickly removes stubborn dirt and soiling.



4 – 6 h



SERVO CONTROL



FLAT FREE TIRES



EASY!Lock



AUTO SHUTDOWN



### 1 Cage frame

- Robust outer tubular frame.
- With integrated crane hook and accessory compartment.

### 2 Electronic monitoring for greater operational safety

- Leakage protection and soft start.
- Overvoltage and undervoltage protection.

#### HD 25/15-4 Cage Plus

- High-grade steel frame
- Automatic soft start, leakage protection, dry-running protection, protection against two-phase short circuit
- Puncture-proof wheels for maximum mobility

#### HD 20/15-4 Cage Plus

- Powder-coated tubular steel frame
- Automatic soft start and high-end trigger gun
- Puncture-proof wheels for maximum mobility

#### HD 16/15-4 Cage Plus

- Powder-coated tubular steel frame
- four-pole air-cooled electric motor
- Puncture-proof wheels for maximum mobility

#### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Connection load	kW	12.5	11	9.5
Flow rate	l/h	500-2500	500-2000	500-1600
Working pressure	bar / MPa	30-150 / 3-15	30-150 / 3-15	30-150 / 3-15
Max. pressure	bar / MPa	190 / 19	190 / 19	190 / 19
Max. inlet temperature	°C	60	60	60
Weight	kg	112	110	95
Dimensions (L × W × H)	mm	957 × 686 × 1080	957 × 686 × 1080	957 × 686 × 1080

#### Equipment

Spray gun	Industry	Industry	EASY!Force Advanced
Pressure hose	m	15	15
Spray lance	mm	1050	1050
Switchable triple nozzle	-	-	-
Power nozzle	■	■	■
Dirt blaster	■	■	■
Pressure hose reel	-	-	-
Servo Control	■	■	■
Order No.	1.353-907.0	1.353-906.0	1.353-905.0
Price			

■ Included in delivery.

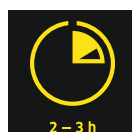


## HD CAGE MIDDLE CLASS



### Cage Middle class – for really tough jobs

Machine with sturdy frame and crane attachment point for tough jobs on difficult terrain. Ideal for removing stubborn dirt in the construction industry, agriculture, forestry and municipal facilities.



2 – 3 h



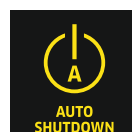
EASY!Force



ANTI-TWIST



EASY!Lock



AUTO SHUTDOWN



1



2

#### 1 Powder-coated cage frame

- Ergonomic handle and hose storage.
- Protection against damage to the machine.

#### 2 Water fine filter

- Protects high-pressure pump from dirt ingress.
- Easy to use, easy to clean

### HD 10/25-4 Cage Plus

- With integrated crane attachment point
- Heavy-duty equipment

#### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50
Connection load	kW	9.2
Flow rate	l/h	1000
Working pressure	bar / MPa	250 / 25
Max. pressure	bar / MPa	273 / 27.3
Max. inlet temperature	°C	60
Weight	kg	62
Dimensions (L × W × H)	mm	547 × 543 × 1104

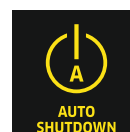
#### Equipment

Spray gun		EASY!Force Advanced
Pressure hose	m	10
Spray lance	mm	1050
Switchable triple nozzle		-
Power nozzle	■	
Dirt blaster	■	
Pressure hose reel		-
Servo Control		-
Order No.		1.353-902.0
Price		

- Included in delivery.

# HD CAGE COMPACT CLASS

## Cage Compact class – can be used everywhere



### 1 Cage frame

- Robust, portable tubular steel frame.
- Integrated carrying handle and crane hook.

### 2 Cage frame

- Space-saving storage.
- Safe storage of machine and accessories.

## HD 715

## HD 600

- Specially designed for painters and façade cleaners
- Rotatable stainless steel spray lance
- Infinitely variable pressure regulation

- Specially designed for painters and façade cleaners
- Rotatable stainless steel spray lance
- Infinitely variable pressure regulation

### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50	1 / 230 / 50
Connection load	kW	4.7	3
Flow rate	l/h	250–700	240–650
Working pressure	bar / MPa	10–150 / 1–15	10–110 / 1–11
Max. pressure	bar / MPa	175 / 17.5	125 / 12.5
Max. inlet temperature	°C	60	60
Weight	kg	29	29
Dimensions (L × W × H)	mm	500 × 310 × 350	500 × 310 × 350

### Equipment

Spray gun		EASY!Force	EASY!Force
Pressure hose	m	15	10
Spray lance	mm	840	600
Switchable triple nozzle		Manual	Manual
Power nozzle		–	–
Dirt blaster		–	–
Pressure hose reel		–	–
Servo Control		–	–
Order No.		1.353-909.0	1.353-900.0
Price			

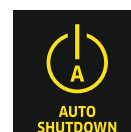
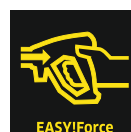
■ Included in delivery.

## HD SPECIAL CLASS



### Cage Ex – for potentially explosive atmospheres

This machine complies with all safety requirements for use in potentially explosive atmospheres. Technical features and accessories are tailored to meet these special requirements.



#### 1 Powder-coated cage frame, electrically conductive

- Robust tubular steel frame.
- With integrated crane hook.

#### 2 Explosion-proof equipment

- Conductive rubber tyres.
- Surface temperature always under 200°C.

### HD 10/16-4 Cage Ex

- Explosion protection II 2 G c T3
- Crankshaft pump with ceramic pistons
- four-pole air-cooled electric motor

Technical data		
Supply voltage	Ph / V / Hz	3 / 400 / 50
Connection load	kW	5.5
Flow rate	l/h	1000
Working pressure	bar / MPa	160 / 16
Max. pressure	bar / MPa	220 / 22
Max. inlet temperature	°C	50
Weight	kg	111
Dimensions (L × W × H)	mm	980 × 720 × 1100
Equipment		
Spray gun		EASY!Force Ex protection
Pressure hose	m	10
Spray lance	mm	1050
Switchable triple nozzle		-
Power nozzle	■	
Dirt blaster		-
Pressure hose reel		-
Servo Control		-
Order No.		1.353-904.0
Price		

■ Included in delivery.

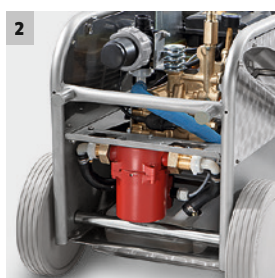
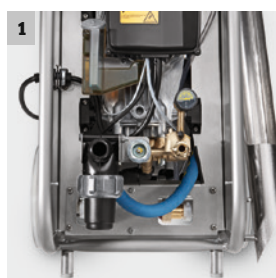
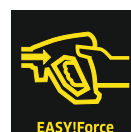
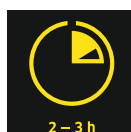


# HD SPECIAL CLASS



## Cage Food – for intensive use in the food industry

The high-performance HD 10/15-4 Cage F is resistant to hot water up to 85°C and ideal for use in the food industry; all components in contact with water are food-grade.



### 1 Complies with the most rigorous hygiene requirements

- Non-corrosive stainless steel.
- All parts that come into contact with water are made from special food-grade brass.

### 2 Particularly effective cleaning

- Advance pressure pump for inlet temperature of up to 85°C.
- Approved for RM 734 chlorinated cleaning agent.

## HD 10/15-4 Cage Food

- Grease-resistant high-pressure hose
- 2 cleaning agent tanks with rinse function

### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50
Connection load	kW	6.4
Flow rate	l/h	440-990
Working pressure	bar / MPa	20-145 / 2-14.5
Max. pressure	bar / MPa	175 / 17.5
Max. inlet temperature	°C	85
Weight	kg	68
Dimensions (L x W x H)	mm	650 x 521 x 1100

### Equipment

Spray gun		EASY!Force Food
Pressure hose	m	10
Spray lance	mm	1050
Switchable triple nozzle		-
Power nozzle		■
Dirt blaster		-
Pressure hose reel		-
Servo Control		■
Order No.		1.353-908.0
Price		

- Included in delivery.

## HD SPECIAL CLASS

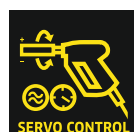


### Compact food class – for strict hygiene requirements

Cold water high-pressure cleaner for all-purpose use in the sanitary/food industry. This compact machine allows you to regulate pressure and water volume seamlessly.



1 – 2 h



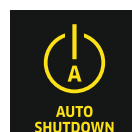
SERVO CONTROL



EASY!Force



EASY!Lock



AUTO SHUTDOWN



#### 1 Save energy and time: EASY!Force high-pressure gun and EASY!Lock quick-release fasteners

- At last – work without getting tired: the EASY!Force high-pressure gun.
- EASY!Lock quick-release fasteners: durable and robust. And five times faster than screws.

#### 2 Hygiene requirements

- Integrated hose reel with food-grade pressure hose and robust, grey wheels.
- Water inlet temperature up to 80°C.

### HD 7/10 CXF

- For sanitary/hygiene/food industry
- Grey, non-marking wheels

Technical data		
Supply voltage	Ph / V / Hz	3 / 400 / 50
Connection load	kW	4.5
Flow rate	l/h	250–700
Working pressure	bar / MPa	10–100 / 1–10
Max. pressure	bar / MPa	120 / 12
Max. inlet temperature	°C	80
Weight	kg	31.3
Dimensions (L × W × H)	mm	360 × 375 × 925
Equipment		
Spray gun		EASY!Force Food
Pressure hose	m	15
Spray lance	mm	840
Switchable triple nozzle		Manual
Power nozzle		–
Dirt blaster		–
Pressure hose reel		■
Servo Control		■
Order No.		1.151-906.0
Price		

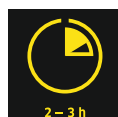
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## HD ADVANCED WITH COMBUSTION ENGINE



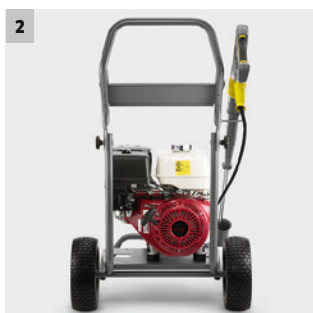
### Full power. Anywhere, anytime – even without power

If you require the highest cleaning performance regardless of power supply, you will always be on the safe side with our robust Advanced range cold water high-pressure cleaners with combustion engine



#### 1 Maximum independence

- Fitted with reliable Honda or Yanmar motors for use without an external power supply.
- Can suck up water – e.g. from lakes or ponds – and use it for cleaning.



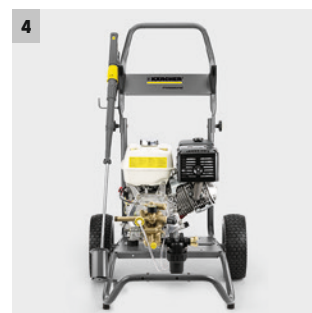
#### 2 Optimum ease of use

- The ergonomic frame concept makes transport on uneven ground easier.
- Storage possibilities for all accessory parts directly on the machine.
- Puncture-proof wheels guarantee permanently high mobility.



#### 3 Highly versatile

- Optional cage frame with eyelets for crane loading reliably protects the machine.
- Hose reel attachment kit for shorter set-up & finishing-off times available as an optional extra.
- Portable version with robust tubular frame specially designed for painters and plasterers (HD 728 B).



#### 4 For the toughest jobs

- Robust basic frame for daily use in tough conditions.
- Large water filter to protect the pump.
- Thermostat valve to protect the pump from overheating in recirculation mode.



# TECHNICAL DATA AND EQUIPMENT

		HD 9/23 De	HD 9/23 G	HD 9/21 G
		<ul style="list-style-type: none"> <li>■ Economical diesel engine with convenient electro start</li> <li>■ Infinitely variable water pressure and water flow regulation with Servo Control on the high-pressure lance</li> <li>■ Automatic speed reduction</li> </ul>	<ul style="list-style-type: none"> <li>■ Infinitely variable water pressure and water flow regulation with Servo Control on the high-pressure lance</li> <li>■ Automatic speed reduction</li> <li>■ Puncture-proof wheels for maximum mobility</li> </ul>	<ul style="list-style-type: none"> <li>■ Robust, powder-coated tubular frame</li> <li>■ Infinitely variable water pressure and water flow regulation on the machine</li> <li>■ Puncture-proof wheels for maximum mobility</li> </ul>
<b>Technical data</b>				
<b>Engine manufacturer</b>		Yanmar	Honda	Honda
<b>Motor type</b>		L 100 N / diesel	GX 390/petrol	GX 340/petrol
<b>Motor rating</b>	<b>kW / hp</b>	7.4 / 10	9.5 / 13	8 / 11
<b>Flow rate</b>	<b>l/h</b>	400-930	400-930	200-850
<b>Working pressure</b>	<b>bar / MPa</b>	40-230 / 4-23	40-230 / 4-23	10-210 / 1-21
<b>Max. inlet temperature</b>	<b>°C</b>	60	60	60
<b>Weight</b>	<b>kg</b>	108	71	68
<b>Dimensions (L × W × H)</b>	<b>mm</b>	870 × 725 × 1170	870 × 725 × 1170	870 × 725 × 1170
<b>Equipment</b>				
<b>Spray gun</b>		EASY!Force Advanced	EASY!Force Advanced	EASY!Force Advanced
<b>Pressure hose</b>	<b>m</b>	15	15	15
<b>Spray lance</b>	<b>mm</b>	1050	1050	1050
<b>Power nozzle</b>		■	■	■
<b>Switchable triple nozzle</b>		-	-	-
<b>Optional cage frame*</b>		-	-	-
<b>Optional hose reel*</b>		-	-	-
<b>Servo Control</b>		■	■	-
<b>Order No.</b>		<b>1.187-907.0</b>	<b>1.187-906.0</b>	<b>1.187-905.0</b>
<b>Price</b>				

■ Included in delivery. \* Compatible accessories.

		HD 8/20 G	HD 7/15 G	HD 728 B Cage
		<ul style="list-style-type: none"> <li>■ Robust, powder-coated tubular frame</li> <li>■ Infinitely variable water pressure and water flow regulation on the machine</li> <li>■ Puncture-proof wheels for maximum mobility</li> </ul>	<ul style="list-style-type: none"> <li>■ Robust, powder-coated tubular frame</li> <li>■ Precise cleaning agent dosage</li> <li>■ Puncture-proof wheels for maximum mobility</li> </ul>	<ul style="list-style-type: none"> <li>■ Robust, powder-coated tubular frame</li> <li>■ Portable</li> <li>■ Stainless steel lance</li> </ul>
<b>Technical data</b>				
<b>Engine manufacturer</b>		Honda	Honda	Honda
<b>Motor type</b>		GX 270/petrol	GX 160/petrol	GX 160/petrol
<b>Motor rating</b>	<b>kW / hp</b>	6.6 / 9	4 / 5.5	4 / 5.5
<b>Flow rate</b>	<b>l/h</b>	200-750	650	650
<b>Working pressure</b>	<b>bar / MPa</b>	10-200 / 1-20	150 / 15	150 / 15
<b>Max. inlet temperature</b>	<b>°C</b>	60	60	60
<b>Weight</b>	<b>kg</b>	53	35	28
<b>Dimensions (L × W × H)</b>	<b>mm</b>	800 × 620 × 1105	800 × 620 × 1105	570 × 434 × 430
<b>Equipment</b>				
<b>Spray gun</b>		EASY!Force Advanced	EASY!Force Advanced	EASY!Force Advanced
<b>Pressure hose</b>	<b>m</b>	15	10	10
<b>Spray lance</b>	<b>mm</b>	840	840	600
<b>Power nozzle</b>		■	■	-
<b>Switchable triple nozzle</b>		-	-	Manual
<b>Optional cage frame*</b>		-	-	-
<b>Optional hose reel*</b>		-	-	-
<b>Servo Control</b>		-	-	-
<b>Order No.</b>		<b>1.187-904.0</b>	<b>1.187-903.0</b>	<b>1.187-908.0</b>
<b>Price</b>				

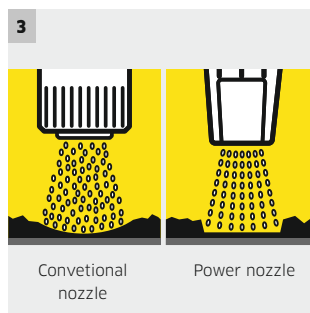
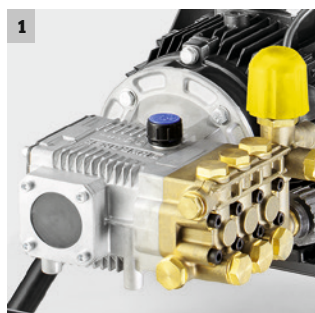
■ Included in delivery. \* Compatible accessories.

# HD CLASSIC



## Powerhouses through and through

Kärcher Classic high-pressure cleaners feature powerful and reliable crankshaft pumps with ceramic pistons. These innovative, high-performance pumps are not only highly efficient, but also impress with excellent reliability and long service intervals thanks to the latest sealing technology.



### 1 Durable and robust

- Extra-large crankshafts and connecting rods with robust ball bearings.
- Ceramic pistons for reduced wear and tear.
- High-performance sealing packages for longer working times.

### 2 Especially easy to maintain

- Wide-opening machine cover for easy access to all service and maintenance-relevant components.
- Large water fine filter for optimal protection of the pump.
- Integrated nozzle storage.

### 3 Improved cleaning performance

- Patented Kärcher power flat jet nozzles: up to 40 percent more impact force than conventional nozzles.
- High area coverage and thorough dirt removal.

### 4 Excellent mobility

- Large wheels and ergonomic push handle ensure optimal turning manoeuvrability and easy handling.
- The foldable push handle enables space-saving storage.

# TECHNICAL DATA AND EQUIPMENT

## HD 9/20-4 Classic

## HD 7/18-4 Classic

## HD 6/15-4 Classic

- Durable crankshaft pump with ceramic-coated pistons
- Large, transparent water filter
- Infinitely variable pressure regulation

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- Infinitely variable pressure regulation

- Durable crankshaft pump with ceramic-coated pistons
- Large, transparent water filter
- Infinitely variable pressure regulation

### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	1 / 220-240 / 50
Connection load	kW	6.9	4.9	3.4
Flow rate	l/h	520-900	520-700	450-600
Working pressure	bar / MPa	70-200 / 7-20	70-180 / 7-18	70-150 / 7-15
Max. pressure	bar	240	220	190
Max. inlet temperature	°C	60	60	60
Weight	kg	56	56	52
Dimensions (L × W × H)	mm	700 × 455 × 1010	700 × 455 × 1010	700 × 455 × 1010

### Equipment

Spray gun		Standard	Standard	Standard
Pressure hose	m	10	10	10
Spray lance	mm	600	850	850
Switchable triple nozzle		-	-	-
Power nozzle		■	■	■
Dirt blaster		-	-	-
Pressure hose reel		-	-	-
Servo Control		-	-	-
Order No.		1.367-308.0	1.367-307.0	1.367-306.0
Price				

■ Included in delivery.

## HD 7/11-4 Classic

- Durable crankshaft pump with ceramic-coated pistons
- Large, transparent water filter
- Infinitely variable pressure regulation

### Technical data

Supply voltage	Ph / V / Hz	1 / 220-240 / 50
Connection load	kW	2.9
Flow rate	l/h	520-700
Working pressure	bar / MPa	70-110 / 7-11
Max. pressure	bar	150
Max. inlet temperature	°C	60
Weight	kg	52
Dimensions (L × W × H)	mm	700 × 455 × 1010

### Equipment

Spray gun		Standard
Pressure hose	m	10
Spray lance	mm	850
Switchable triple nozzle		-
Power nozzle		■
Dirt blaster		-
Pressure hose reel		-
Servo Control		-
Order No.		1.367-305.0
Price		

■ Included in delivery.



# HD CAGE CLASSIC

## Small, light, robust and affordable



Not only does the HD 5/11 Cage Classic offer high performance for little money, but because of its light weight and the ergonomic handle, it is extremely easy to carry and very robust.



### 1 Durable and robust

- With its brass cylinder heads, the 3-piston axial-piston motor unit ensures an exceptionally long service life.
- The sturdy tubular frame provides protection in continuous heavy-duty use.

### 2 Versatile

- The machine can be attached to the floor or the wall.
- Very compact construction style and minimal weight.

## HD 5/11 Cage Classic

- Continuous use possible thanks to durable axial pump
- Robust frame protects even in the toughest working conditions
- Ergonomically designed handle

### Technical data

Supply voltage	Ph / V / Hz	1 / 230 / 50
Connection load	kW	2.2
Flow rate	l/h	500
Working pressure	bar / MPa	110 / 11
Max. pressure	bar	160
Max. inlet temperature	°C	60
Weight	kg	22
Dimensions (L × W × H)	mm	475 × 330 × 332

### Equipment

Spray gun		Standard
Pressure hose	m	10
Spray lance	mm	600
Switchable triple nozzle		-
Power nozzle	■	
Dirt blaster		-
Pressure hose reel		-
Servo Control		-

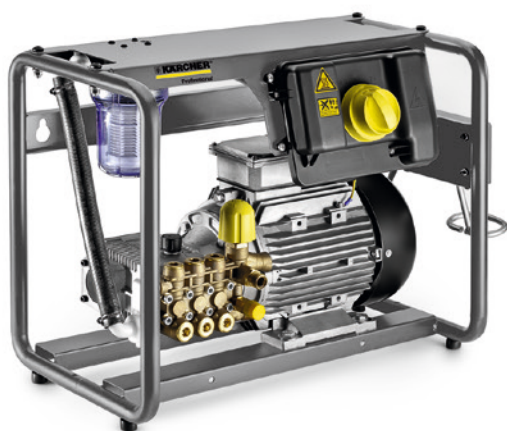
Order No. 1.520-204.0

Price

■ Included in delivery.

# HD CAGE CLASSIC

## Robust. Flexible. Reliable



The Cage Classic range is sure to impress with its powerful crankshaft pumps and ceramic pistons. A water filter protects the pump. Mounting to a wall is possible thanks to a robust tubular frame construction. Now available: HD 7/11-4 Cage Classic with single-phase motor.



### 1 Long-lasting and reliable

- four-pole electric motor.
- Brass cylinder head and ceramic piston.

### 2 Robust and secure

- Robust tubular frame construction guarantees optimum protection of the machine.
- Built-in handles for transport.

		HD 9/18-4 Cage Classic	HD 7/16-4 Cage Classic	HD 7/11-4 Cage Classic
		<ul style="list-style-type: none"> <li>■ Durable crankshaft pump with ceramic-coated pistons</li> <li>■ Robust tubular frame construction for maximum protection</li> <li>■ Wall mounting possible</li> </ul>	<ul style="list-style-type: none"> <li>■ Durable crankshaft pump with ceramic-coated pistons</li> <li>■ Trigger gun storage with automatic machine switch-off</li> <li>■ Wall mounting possible</li> </ul>	<ul style="list-style-type: none"> <li>■ Durable crankshaft pump with ceramic-coated pistons</li> <li>■ Robust tubular frame construction for maximum protection</li> <li>■ Wall mounting possible</li> </ul>
<b>Technical data</b>				
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	1 / 230 / 50
Connection load	kW	5.9	4.3	2.9
Flow rate	l/h	450-900	400-700	520-700
Working pressure	bar / MPa	70-180 / 7-18	70-160 / 7-16	70-110 / 7-11
Max. pressure	bar	240	220	150
Max. inlet temperature	°C	60	60	60
Weight	kg	55	55	50.5
Dimensions (L × W × H)	mm	640 × 360 × 500	780 × 360 × 500	640 × 360 × 500
<b>Equipment</b>				
Spray gun		Standard	Standard	Standard
Pressure hose	m	10	10	10
Spray lance	mm	600	100	600
Switchable triple nozzle		-	-	-
Power nozzle	■	■	■	■
Dirt blaster		-	-	-
Pressure hose reel		-	-	-
Servo Control		-	-	-
Order No.		1.367-315.0	1.367-314.0	1.367-318.0
Price				

■ Included in delivery.

# HD CLASSIC WITH COMBUSTION ENGINE



## Mobile, independent and service-friendly

The Classic range with combustion engine can be used anywhere that there is no access to a power supply. This makes it the ideal solution for construction, industry and agriculture.



### 1 High level of autonomy

- Can be used independently of a power supply thanks to powerful petrol engines.
- Using optional accessories, the machines can draw in water, for example from ponds and lakes.

### 2 Accessories concept

- Practical intake for hose and high-pressure lance directly on the machine.
- Storage compartment for nozzles, tools and other small parts.

### 3 Outstanding mobility

- Ergonomic push handle for easier transport.
- Large wheels with pneumatic tyres for uneven surfaces.
- The layout of the wheels makes it possible to transport the machine on steps.

### 4 Easy to service and durable

- Robust crankshaft pump with proven Kärcher quality.
- Large water filter protects pump against damage.
- Thermostat valve to protect the pump from overheating in recirculation mode.



# TECHNICAL DATA AND EQUIPMENT

		HD 8/23 G Classic	HD 7/20 G Classic	HD 6/15 G Classic
		■ Tubular steel frame ■ Robust crankshaft pump	■ Tubular steel frame ■ Robust crankshaft pump	■ Tubular steel frame ■ Robust crankshaft pump
<b>Technical data</b>				
Motor type		G300FA / petrol	G250FA / petrol	G200FA / petrol
Motor rating	<b>kW / hp</b>	6.8 / 9.25	5.2 / 7.1	4.1 / 5.6
Flow rate	<b>l/h</b>	800	700	600
Working pressure	<b>bar / MPa</b>	230 / 23	200 / 20	150 / 15
Max. pressure	<b>bar</b>	280	250	200
Max. inlet temperature	<b>°C</b>	60	60	60
Weight	<b>kg</b>	54	45	44.7
Dimensions (L × W × H)	<b>mm</b>	799 × 637 × 1097	799 × 637 × 1097	799 × 637 × 1097
<b>Equipment</b>				
Spray gun		EASY!Force	EASY!Force	EASY!Force
Pressure hose	<b>m</b>	10	10	10
Spray lance	<b>mm</b>	840	840	840
Power nozzle		■	■	■
Order No.		<b>1.187-902.0</b>	<b>1.187-901.0</b>	<b>1.187-900.0</b>
Price				

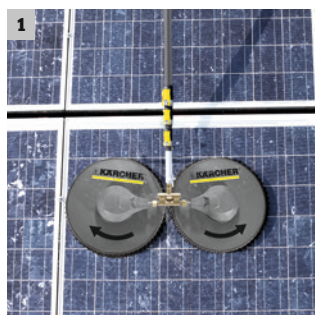
■ Included in delivery.

# SOLAR PANEL CLEANER iSolar



## Clean modules – secure yields

The first DLG-tested cleaning system for photovoltaic systems. Refined Kärcher cleaning solutions ensure uncompromisingly clean solar modules – and up to 20% higher yields than with heavily soiled modules.



### 1 Contra-rotating disc brushes

- Very high cleaning and area performance.
- Optimal handling through lateral force compensation.
- Pre-rinsing of adjacent modules.



### 2 Carbon/hybrid telescopic lances

- Very large working range and maximum rigidity with low weight.
- Brush operation and speed regulation via integrated ball tap.
- Quick and convenient extension thanks to quick-release couplings.



### 3 Articulated joint

- Convenient working in different positions.
- Limit stop protects the modules from damage.
- Excellent manoeuvrability due to flexible articulated joint.



### 4 Modular construction

- Need-based combination of individual components.
- Suitable for standard M 18 or M 22 interfaces.
- Compatible with numerous HD/HDS machines.

# TECHNICAL DATA AND EQUIPMENT

		iSolar 400	iSolar 800	Fall protection
		<ul style="list-style-type: none"> <li>Water-powered disc brush with ball bearing</li> <li>Compact entry-level model for smaller surfaces</li> <li>Connection M 18 × 1.5; compatible with standard HD/HDS machines</li> </ul>	<ul style="list-style-type: none"> <li>Contra-rotating disc brushes with ball bearing</li> <li>Robust brass articulated joint for flexible working angle</li> <li>Excellent manoeuvrability</li> </ul>	<ul style="list-style-type: none"> <li>Certified, standard-compliant safety system</li> <li>Travelling fall arrestor with shock absorber</li> <li>Robust metal box for storage and transport</li> </ul>
<b>Technical data</b>				
Weight	kg	2.8	7	-
Working width	mm	400	800	-
Machine flow rate with HD / HDS	l/h	700-1000 / 1100-1300	700-1000 / 1100-1300	-
Length	m	-	-	-
Adaptor		M 18 × 1.5 IG	M 18 × 1.5 IG	-
Material		-	-	-
<b>Equipment</b>				
Required accessories, internal high-pressure hose		-	-	-
Articulated joint		□ (6.399-735.0)	■	-
Storage box		-	-	■
Order No.		<b>6.368-456.0 / 6.368-457.0</b>	<b>6.368-454.0 / 6.368-455.0</b>	<b>6.988-152.0</b>
Price				

■ Included in delivery. □ Compatible accessories.

		iSolar TL 7 H	iSolar TL 10 H   TL 10 C	iSolar TL 14 C
		<ul style="list-style-type: none"> <li>Glass/carbon-fibre composite for high rigidity and high strength with low weight</li> <li>Ergonomic handle with ball tap for greater ease of use</li> <li>Easy deployment thanks to quick-release couplings and internal high-pressure hose</li> </ul>	<ul style="list-style-type: none"> <li>High-quality hybrid or full carbon telescopic lance</li> <li>Ergonomic handle with ball tap for greater ease of use</li> <li>Easy deployment thanks to quick-release couplings and internal high-pressure hose</li> </ul>	<ul style="list-style-type: none"> <li>Full carbon material for maximum rigidity, strength and working range</li> <li>Ergonomic handle with ball tap for greater ease of use</li> <li>Easy deployment thanks to quick-release couplings and internal high-pressure hose</li> </ul>
<b>Technical data</b>				
Weight	kg	3.5	4   3.7	5
Working width	mm	-	-	-
Machine flow rate	l/h	-	-	-
Length	m	1.8-7.2	2.4-10.2	2.4-14
Adaptor		M 18 × 1.5 AG / M 22 × 1.5 AG	M 18 × 1.5 AG / M 22 × 1.5 AG	M 18 × 1.5 AG / M 22 × 1.5 AG
Material		Hybrid	Hybrid   Carbon	Carbon
<b>Equipment</b>				
Required accessories, internal high-pressure hose		6.392-978.0	6.392-977.0	6.392-976.0
Pole sections		5	5	7
Storage box		-	-	-
Order No.		<b>4.107-054.0</b>	<b>4.107-053.0   4.107-055.0</b>	<b>4.107-052.0</b>
Order no. with EASY!Lock		<b>4.110-004.0</b>	<b>4.110-003.0   4.110-007.0</b>	<b>4.110-002.0</b>
Price				



# WATER SOFTENING

## For a perfect shine



The Kärcher water softening system with resin filter produces water which dries out without leaving residue or lime stains. Optionally with semi-automatic regeneration station for multiple filter use.



### 1 Resin filter

- Efficient solution for water softening.
- Drying without lime residue.
- Repeated use thanks to simple regeneration.

### 2 Softening vehicle

- Mobile, easily transportable complete system with pneumatic wheels.
- Sophisticated tubular frame construction (e.g. for emptying frost protection).
- Large water fine filter for protecting against coarse dirt particles.

### WS 50

### WS 100

### WS Regenerator

- |   |   |   |
|---|---|---|
| ■ Residue-free drying after cleaning                                  | ■ Residue-free drying after cleaning                                  | ■ Semi-automatic regeneration of the resin filter |
| ■ Excellent mobility and easy transport                               | ■ Excellent mobility and easy transport                               | ■ Easy handling (Plug 'n' Play)                   |
| ■ Powder-coated tubular steel frame with large pneumatic-tyred wheels | ■ Powder-coated tubular steel frame with large pneumatic-tyred wheels | ■ Efficient solution for intensive use            |

#### Technical data

		WS 50	WS 100	WS Regenerator
Weight	kg	35	40	5.8
Dimensions (L × W × H)	mm	550 × 550 × 1030	550 × 550 × 1030	250 × 300 × 460
Inlet pressure	bar	0-10	0-10	-
Work temperature	°C	1-50	1-50	-
Capacity (at 10°dH)	l	5000	10000	-
Regeneration period	h	-	-	2

#### Equipment

Water fine filter	■	■	-
Emptying of frost protection	■	■	-
Pneumatic-tyred wheels	■	■	-
Water meter	■	■	-
Backflow preventer	□	□	-
Order No.	6.368-463.0	6.368-464.0	6.368-465.0
Price			

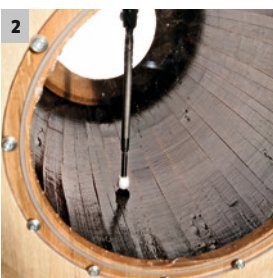
■ Included in delivery. □ Compatible accessories.

# BARREL CLEANER

## Barrel cleaning – incredibly convenient



With the BC 14/12 barrel cleaner, Kärcher precisely meets the specific requirements of beverage producers and winemakers. Oak barrels in particular can now be cleaned effortlessly.



### 1 Ease of use

- Easy switching from cleaning to suction in just one action.
- All equipment included in delivery.
- Can be used worldwide (115–240 V/50 and 60 Hz).

### 2 Cleaning performance

- Every point in the barrel is reached within 36 seconds; The barrel is clean after about 5 minutes.
- Permanent suction during cleaning clears the way for the high-pressure jet.
- Cleaning with up to 120 bar in cold or hot water operation.

### Barrel cleaner BC 14/12

- Integrated suction function
- Cleaning without moving the barrel
- Water-carrying stainless steel components

#### Technical data

Working pressure	bar/MPa	max. 120 / 12
Flow rate	l/h	600–1400
Power consumption	Ph/V/Hz	1 / 115–240 / 50/60
Max. water inlet temperature	°C	80
Connection load	W	40
Revolutions	1/min	62
Cleaning cycle	s	36
Min. tank opening	mm	40
Weight	kg	4.8
Max. immersion depth	mm	900

#### Equipment

Mains adaptor	■
Nozzle kits	■
Flexible suction pipe	350 mm
Suction pipe	300 mm
Suction pipe	350 mm
Suction pipe	550 mm
Extension cable	10 m
Order No.	2.112-020.0
Price	

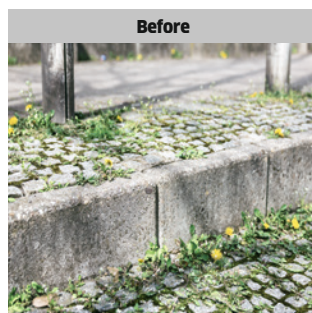
■ Included in delivery.

# WEED REMOVAL WITH HOT WATER



## The system solution from Kärcher – chemical-free, environmentally friendly and economical

With the Kärcher weed lances WR 20 or WR 50 and a hot water high-pressure cleaner, you can remove unwanted growth completely without herbicides. Just hot water. And therefore without harming the environment, surfaces or your wallet. The hot water destroys the weeds by quickly penetrating down to the roots, killing the plant proteins, causing lasting damage and wiping out the weeds.



### 1 Included adaptive wheel attachment kit

- Comfortable, effortless working for longer applications.
- An optimal working clearance to the ground is guaranteed at all times.

### 2 Optimised combination of high-pressure cleaner and weed lance for effective weed removal

- The integrated nozzle adapter guarantees constant water flow over the entire nozzle bar.
- The latest Kärcher burner technology ensures the optimal water temperature for weed removal (up to 98°C).

### 3 Compact design of the weed lance

- The compact shape allows operation even in confined spaces.
- The low weight improves working convenience.

### 4 No danger, no damage

- In contrast to mechanical methods, with hot water there is no risk of damaging or destroying surfaces.
- No risk of fire, in contrast to direct flaming.



# TECHNICAL DATA AND EQUIPMENT



WR 50



WR 20

- Removable and height-adjustable chassis
- Optimised water flow

- Optimised water flow
- Light and compact

## Technical data

Working width	mm	500	200
Area performance	m <sup>2</sup> /h	150-350	80-125
Temperature	°C	max. 100	max. 100
Weight	kg	2.1	0.3
Inflow rate	l/min	5.8-8.3	8.3-16.7

## Equipment

Removable chassis	■	-
Order No.	2.114-013.0	2.114-014.0
Price		

■ Included in delivery.

Depending on the machine version, different nozzle inserts are required in order to guarantee optimal water flow and therefore consistently high temperatures:

HDS	Nozzle insert with order no.
HDS 6/14(-4) C	2.113-070.0
HDS 7/16 C	2.113-041.0
HDS 8/17 C	2.113-071.0
HDS 8/18-4 C	2.113-071.0
HDS 7/12-4 M	2.113-006.0
HDS 8/18-4 M	2.113-071.0
HDS 9/18-4 M	2.113-005.0
HDS 10/20-4 M	2.113-021.0
HDS 12/18-4 S	2.113-010.0
HDS 13/20-4 S	2.113-025.0
HDS 1000 De/Be	2.113-071.0
HDS 13/20 De Tr1	2.113-071.0

# GS JET GUN

## Jets for small to medium-sized surfaces



Short set-up time, easy transport, instant switch off – the GS jet gun is the affordable cleaning method for small to medium-sized surfaces of all kinds. Pressure/water volume adjustable.



### 1 Ease of use

- The short set-up times and easy transport make the GS jet gun a real “one-man system”.

### 2 Versatility

- With direct adjustment of air pressure, water and spray agent volumes on the trigger gun, the GS jet gun is suitable for use on all surfaces.

### GS jet gun

- Jet gun with air nozzle
- Controller directly on the trigger gun
- Safety switch-off

#### Technical data

Air pressure	bar/MPa	3-12 / 0.3-1.2
Air consumption	m³/min	3-8
Flow rate	l/h	0-120
Spray agent volume	kg/h	max. 200
Weight	kg	3.4
Dimensions (L × W × H)	mm	480 × 80 × 280
Order No.	2.869-067.0	
Price		

#### Special accessories

Special accessories	Order No.
Air hose (10 m) with connectors	6.390-284.0
Air hose (20 m) with connectors	6.390-285.0
Special air nozzle, designed for high power	5.130-249.0

# MULTI-PURPOSE CLEANING MACHINE

## The multi-talented cleaner for mobile use



An on-board water tank makes the AP 100/50 M independent of the local water supply, and that is only one of its many talents, because it also has a 10-metre-long suction hose, a cleaning agent dosing unit for two different cleaning agents and a high-pressure gun with a 0.5-metre-long spray lance.



### 1 Cleaning with high pressure

- Cleaning solution applied via high-pressure pump.
- 15 m high-pressure hose for large operating radius.
- Spray lance with high-pressure nozzle as standard equipment. Upgradeable with a wide range of accessories, such as a foam lance.

### 2 Suction included

- Washing water can be vacuumed easily with a wet and dry vacuum cleaner, for example if no drain is available.
- Machine can be used by two people simultaneously.
- Very flexible hose, perfectly adapted to machine and application.

## AP 100/50 M

- High-pressure cleaning and vacuuming in one machine
- On-board fresh water tank
- Includes cleaning agent dosing unit

### Technical data

Fresh/dirty water tank volume	l	100 / 70
Working pressure	bar	Two-stage adjustment
Low pressure	bar	6
High pressure	bar	19 / 50 max.
Flow rate	l/min	5
Suction motor / pump rating	W	1800 / 370
Cord length	m	15
Weight	kg	100
Order No.		1.007-058.0
Price		

### Accessory selection

Accessory selection	Order No.	Description
Cup foam lance	6.394-668.0	Short, handy foam lance with 1-litre cleaning agent container directly on the lance. Due to its compact construction style, it is excellent for cleaning fittings and walls with foam. Swivelling connection M 22 x 1.5, variable cleaning agent dosage via control on lance, adjustable spray angle.
Connection piece	4.402-022.0	For attaching high-pressure nozzles and accessory parts to HD trigger gun (with nozzle screws) - 1 x M 22 x 1.5, 1 x M 18 x 1.5.
Hard surface and carpet nozzle	2.642-552.0	Floor nozzle for hard surfaces and spray extraction cleaning of textile coverings.



## EXTRA CLEANLINESS: KÄRCHER ORIGINAL ACCESSORIES

Kärcher original accessories extend the range of applications of the high-pressure cleaner – from cleaning and care of construction machines to work preparation and repair of facades and floors. We continuously develop our accessories in order to ensure that we can meet your requirements. This results in innovative products designed to facilitate your daily cleaning tasks.



### Table of contents: High-pressure cleaner accessories

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#### 1 EASY!Force high-pressure gun

Effortless operation: our new EASY!Force HD trigger gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero. With the Advanced version, a full ceramic valve is also used, which enables a lifetime up to five times longer compared with other high-pressure guns.

#### 2 Servo Control

Thanks to Servo Control, water volume and working pressure can be infinitely and conveniently adjusted directly on the spray gun, without interrupting work.

#### 3 EASY!Lock quick-release couplings

The patented EASY!Lock quick-release couplings enable attachment, removal and accessory replacement that is five times faster than with conventional screw connections. At the same time, the robustness and longevity of tried-and-tested screw connections are maintained.

#### 4 Ergonomic spray lance handle

Provides unimagined operating comfort and enables additional grip possibilities for comfortable and varying working postures: the ergonomic spray lance handle as a special accessory for our high-pressure lances in the EASY!Lock range. Particularly suitable for washing vehicles, cleaning floors and surfaces or for facade cleaning with long lances.

#### 5 PowerControl spray lance

For infinite, interruption-free pressure regulation directly on the spray lance, without reducing the water volume. In low pressure operation, it is also possible to admix cleaning agents. The perfect addition to machines without Servo Control.

#### 6 FRV Surface Cleaner

For splash-free surface cleaning and water vacuuming in one procedure, with no need for rinsing. For very high area performances, now also available with a working width of 500 mm and in a hot water-resistant stainless steel version (FRV 50 Me).

#### 7 New cup foam lance

For innovative foam cleaning: the redevelopment of the popular cup foam lance impresses with an additional spray level setting, precise cleaning agent dosing unit and more resistant base body made from nickel-plated brass. Available in two versions, for machines with or without Servo Control.



# EASY!LOCK QUICK-RELEASE COUPLINGS



## Durable and robust. And 5 times faster than screw connections

Tedious attachment and removal and time-consuming accessory replacement are now things of the past. With our new, patented EASY!Lock quick-release couplings, you save valuable work time compared with to conventional screw connections, without compromising on the quality, robustness and of the connections.

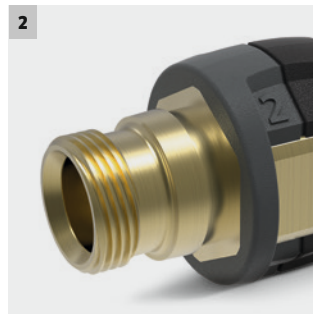
**NEW**



1

### 1 Quick convenience

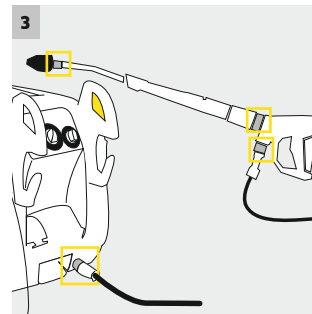
Connection – in the truest sense of the word – at the flick of a wrist (360°) and with all interfaces. From set-up times to the time it takes to change special accessories, such as surface cleaners or wash brushes: up to five times faster and more convenient.



2

### 2 Robust reliability

A specially developed cone ensures that the thread is self-locking. Tried-and-tested threaded screw connection without wear parts, resistant to dirt and highly reliable.



3

### 3 Intuitive operation

The connection principle is intuitive and easy to understand; it works identically on all four connection points. In contrast to conventional quick couplings, the EASY!Lock system requires no additional weight.



4

### 4 Uncompromising quality

Instead of an axial O-ring sealing on the spray lance, the EASY!Lock system uses radial sealing. This increases the stability of the O-rings and effectively prevents their potential loss.

#### Embossed number

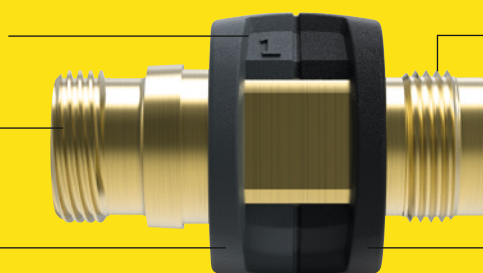
Each adapter has its own number.  
Clear and unique

#### EASY!Lock connection

4-way trapezoidal thread  
with cone safeguard

#### Anthracite = EASY!Lock

Colour coding for the  
EASY!Lock connection



#### Threaded end M 22 x 1.5

Metric thread for accessories  
without EASY!Lock

#### Black = threaded end M 22 x 1.5

Colour coding for conventional  
threaded connection



1



**EASY!Lock - M 22 x 1.5 Order no. 4.111-029.0** Adapter for connecting high-pressure hoses with EASY!Lock and high-pressure hoses with M 22 x 1.5 connection.

2



**EASY!Lock - M 22 x 1.5 Order no. 4.111-030.0** Adapter for connecting high-pressure cleaners / HD trigger guns with M 22 x 1.5 connection and high-pressure hoses with EASY!Lock.

3



**EASY!Lock - M 22 x 1.5 Order no. 4.111-031.0** Adapter for connecting HD trigger guns with M 22 x 1.5 and spray lances or Servo Control controllers with EASY!Lock.

4



**EASY!Lock - AVS Order no. 4.111-032.0** Adapter for connecting high-pressure hoses with AVS swivel connection and EASY!Force high-pressure gun.

5



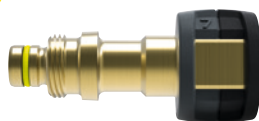
**EASY!Lock - M 22 x 1.5 Order no. 4.111-033.0** Adapter for connecting EASY!Force trigger gun and spray lances with M 22 x 1.5 connection.

6



**EASY!Lock - M 22 x 1.5 Order no. 4.111-034.0** Adapter for connecting high-pressure hoses with M 22 x 1.5 connection and EASY!Force high-pressure gun.

7



**EASY!Lock - M 18 x 1.5 Order no. 4.111-035.0** Adapter for connecting spray lances with M 18 x 1.5 connection and nozzles with EASY!Lock.

8



**EASY!Lock - M 18 x 1.5 Order no. 4.111-036.0** Adapter for connecting spray lances with EASY!Lock and nozzles with M 18 x 1.5 connection.

You can also find the right adapters for your machines and accessories using our digital adapter finder:  
[www.kaercher.com/adaptfinder-easylock](http://www.kaercher.com/adaptfinder-easylock)

# SOLAR PANEL CLEANING



Contamination resulting from dust, rust and pollen reduces the performance of photovoltaic systems and solar thermal modules by up to 20%. The natural effects of rain, condensation and wind are not sufficient to effectively clean the modules. For a consistently high energy yield, it is essential to carry out a professional system clean at regular intervals. iSolar has a modular construction and enables the safe and efficient cleaning of photovoltaic systems of any size. Rotating disc brushes on telescopic lances of various lengths are driven by the water from the high-pressure cleaner.

		Order No. EASY!Lock	Order No. until 2015	Inlet temperature	Length	Price	Description
<b>Solar cleaning – telescopic lances</b>							
iSolar TL 14 C (without hose)	1	4.110-002.0	4.107-052.0	60°C	2.6–14 m		The full carbon telescopic lance offers maximum rigidity with minimal weight. It has a reach of up to 14 m and is fitted with practical quick-release couplings – for convenient extension and retraction. The speed is regulated via ball tap, guaranteeing easy handling. For work safety reasons, the lowest lance element is made from a carbon-fibreglass mixture for electrical insulation.
iSolar TL 10 C (without hose)	2	4.110-007.0	4.107-055.0	60°C	2.6–10 m		The full carbon telescopic lance offers maximum rigidity with minimal weight. It has a reach of up to 10 m and is fitted with practical quick-release couplings – for convenient extension and retraction. The speed is regulated via ball tap, guaranteeing easy handling. For work safety reasons, the lowest lance element is made from a carbon-fibreglass mixture for electrical insulation.
iSolar TL 10 H (without hose)	3	4.110-003.0	4.107-053.0	60°C	2.6–10 m		The telescopic lance is made from a carbon-fibreglass mixture (hybrid) and offers maximum rigidity with minimum weight. It has a reach of up to 10 m and is fitted with practical quick-release couplings – for convenient extension and retraction. The speed is regulated via ball tap, guaranteeing easy handling. The carbon-fibreglass mixture is also on the lowest rod element and ensures electrical insulation and thus work safety.
iSolar TL 7 H (without hose)	4	4.110-004.0	4.107-054.0	60°C	2–7 m		The telescopic lance is made from a carbon-fibreglass mixture (hybrid) and offers maximum rigidity with minimum weight. It has a reach of up to 7.2 m and is fitted with practical quick-release couplings – for convenient extension and retraction. The speed is regulated via ball tap, guaranteeing easy handling. The carbon-fibreglass mixture is also on the lowest rod element and ensures electrical insulation and thus work safety.
iSolar HP hose 7	5	6.392-978.0	6.392-978.0	155°C	8.5 m		The high-quality and flexible high-pressure hose with rubber outer covering is suitable for use in combination with the iSolar TL 7. The outer skin of the hose features especially good sliding properties – ideal for extending and retracting the telescopic lance.
iSolar HP hose 10	6	6.392-977.0	6.392-977.0	155°C	11.5 m		The high-quality and flexible high-pressure hose with rubber outer covering is suitable for use in combination with the iSolar TL 10. The outer skin of the hose features especially good sliding properties – ideal for extending and retracting the telescopic lance.
iSolar HP hose 14	7	6.392-976.0	6.392-976.0	155°C	15 m		The high-quality and flexible high-pressure hose with rubber outer covering is suitable for use in combination with the iSolar TL 14. The outer skin of the hose features especially good sliding properties – ideal for extending and retracting the telescopic lance.

□ Available accessories. More Kärcher original accessories can be found on the following pages.

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## SOLAR PANEL CLEANING



Hard water can lead to lime residue which can result in a dramatic reduction in the module's performance. Mobile Kärcher water softeners and the Solar Cleaner RM 99 offer reliable protection against lime stains. In the water softener, an ion-exchange resin removes the dissolved limescale from the water and reduces the hardness degree to 0-1 °dH.

		Order No. EASY!Lock	Order No. until 2015	Flow rate	Inlet temperature	Price	Description
<b>iSolar brushes and water softening</b>							
iSolar 400	1	6.368-456.0	6.368-456.0	700-1000 l/h	40°C		The water-driven iSolar 400 disc brush features a working width of 400 mm and is especially suitable for cleaning small to medium-sized photovoltaic systems. Thanks to the low weight and easy handling, even elevated systems can be conveniently cleaned.
	2	6.368-457.0	6.368-457.0	1100-1300 l/h	40°C		
iSolar 800	3	6.368-454.0	6.368-454.0	700-1000 l/h	40°C		The water-driven iSolar 800 brush head with 800 mm working width works with two contra-rotating disc brushes and is used for cleaning photovoltaic systems. The contra-rotating brushes balance out all transversal forces, guaranteeing optimal handling. The flexible angle joint on the brush head's connector also makes cleaning easier. It ensures that the bristles always lie flat, allowing uniform cleaning results. The brush head has an impressively high area performance - ideal for cleaning large systems, for example on barn roofs.
	4	6.368-455.0	6.368-455.0	1100-1300 l/h	40°C		
iSolar fall protection	5	6.988-152.0	6.988-152.0				Certified, standard-compliant safety system for safe working on roofs. The fall protection includes a travelling fall arrestor with shock absorber and 15 m kernmantle rope, safety harness, an anchoring loop for fixing the safety machine, as well as a practical metal box for storage and transport.
WS 50	6	6.368-463.0	6.368-463.0		30°C		The mobile WS 50/WS 100 water softening unit prevents lime residue on cleaned surfaces. An ion-exchange resin removes the dissolved limescale from the water.
WS 100	7	6.368-464.0	6.368-464.0		30°C		
WS Regenerator	8	6.368-465.0	6.368-465.0				With the WS Regenerator regeneration system, the softening cartridges of the water softening units WS 50 and WS 100 can be backflushed and regenerated at the push of a button.

□ Available accessories. More Kärcher original accessories can be found on the following pages.

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# HIGH-PRESSURE HOSES



Our unique EASY!Lock system is designed for fast and reliable connection and disconnection of machine and hose. The rotary coupling integrated into our high-pressure hoses with yellow hand screw connection also prevents the hose from twisting. Numerous extension hose versions are available for a wider operating radius.

		Order No. EASY!Lock	Order No. until 2015	ID	Max. working pressure	Length	Price	Description
Standard								
High-pressure hose AVS hose reel connection, ID 6, 250 bar, 15 m, ANTI!Twist	1	6.110-037.0	6.391-417.0	DN 6	250 bar	15 m		High-pressure hose with AVS hose reel connection and EASY!Lock hand screw connection.
High-pressure hose AVS hose reel connection, ID 6, 250 bar, 15 m	2	6.110-036.0	6.391-417.0	DN 6	250 bar	15 m		
High-pressure hose AVS hose reel connection, ID 6, 300 bar, 15 m	3	6.110-026.0	6.392-277.0	DN 6	300 bar	15 m		
High-pressure hose AVS hose reel connection, ID 8, 315 bar, 15 m, ANTI!Twist	4	6.110-033.0	6.390-185.0	DN 8	315 bar	15 m		
Standard with unions on both sides								
High-pressure hose, 2 × EASY!Lock, ID 6, 250 bar, 10 m, ANTI!Twist	5	6.110-035.0	6.391-238.0	DN 6	250 bar	10 m		High-pressure hose with EASY!Lock hand screw connection at both ends.
High-pressure hose, 2 × EASY!Lock, ID 6, 250 bar, 10 m	6	6.110-034.0	6.391-238.0	DN 6	250 bar	10 m		
High-pressure hose, 2 × EASY!Lock, ID 6, 300 bar, 10 m, ANTI!Twist	7	6.110-056.0	6.391-875.0	DN 6	300 bar	10 m		
High-pressure hose, 2 × EASY!Lock, ID 8, 315 bar, 10 m, ANTI!Twist	8	6.110-031.0	6.390-025.0	DN 8	315 bar	10 m		
High-pressure hose, 2 × EASY!Lock, ID 8, 315 bar, 15 m, ANTI!Twist	9	6.110-030.0	6.390-010.0	DN 8	315 bar	15 m		
High-pressure hose, 2 × EASY!Lock, ID 8, 315 bar, 20 m, ANTI!Twist	10	6.110-032.0	6.390-171.0	DN 8	315 bar	20 m		
High-pressure hose, 2 × EASY!Lock, ID 8, 315 bar, 30 m, ANTI!Twist	11	6.110-014.0	6.390-293.0	DN 8	315 bar	30 m		
High-pressure hose, 2 × EASY!Lock, ID 10, 220 bar, 15 m	12	6.110-042.0	6.390-023.0	DN 10	220 bar	15 m		
High-pressure hose, 2 × EASY!Lock, ID 10, 220 bar, 20 m	13	6.110-043.0	6.390-726.0	DN 10	220 bar	20 m		
High-pressure hose, 2 × EASY!Lock, ID 10, 220 bar, 25 m	14	6.110-044.0	6.391-513.0	DN 10	220 bar	25 m		
High-pressure hose, 2 × EASY!Lock, ID 10, 220 bar, 40 m	15	6.110-045.0	6.391-510.0	DN 10	220 bar	40 m		
High-pressure hose, 2 × EASY!Lock, ID 12, 250 bar, 15 m	16	6.110-059.0	6.391-849.0	DN 12	250 bar	15 m		
High-pressure hose, 2 × EASY!Lock, 2 × EASY!Lock ID 12, 250 bar, 40 m	17	6.110-060.0	6.391-865.0	DN 12	250 bar	40 m		

■ Included in delivery. □ Available accessories. ▲ Extension hose. More Kärcher original accessories can be found on the following pages.



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# LONGLIFE HIGH-PRESSURE HOSES



Kärcher Longlife 400 hoses meet the highest demands and are guaranteed to have optimal working times. These hoses are dual steel wire reinforced with a robust rubber outer covering. Kärcher Longlife hoses are also pressure-resistant up to 400 bar.

		Order No. EASY!Lock	Order No. until 2015	ID	Max. working pressure	Length	Price	Description
<b>Longlife 400</b>								
High-pressure hose Longlife 400, AVS hose reel connection, ID 8, 400 bar, 20 m, ANTI!Twist	1	6.110-028.0	6.390-208.0	DN 8	400 bar	20 m		High-pressure hose with double steel reinforcement, AVS hose reel connection and EASY!Lock hand screw connection.
<b>Longlife 400 with unions on both sides</b>								
High-pressure hose Longlife 400, 2 × EASY!Lock, ID 8, 400 bar, 1.5 m	2	6.110-024.0	6.390-178.0	DN 8	400 bar	1.5 m		High-pressure hose with EASY!Lock hand screw connection at both ends.
High-pressure hose Longlife 400, 1 × EASY!Lock 1 × M22 × 1.5, ID 8, 400 bar, 1.5 m	3	6.110-069.0	6.392-282.0	DN 8	400 bar	1.5 m		High-pressure hose with double steel reinforcement 1 × M 22 × 1.5 as well as EASY!Lock connection.
High-pressure hose Longlife 400, 2 × EASY!Lock, ID 8, 400 bar, 10 m, ANTI!Twist	4	6.110-038.0	6.388-083.0	DN 8	400 bar	10 m		High-pressure hose with double steel reinforcement and EASY!Lock hand screw connection at both ends.
High-pressure hose Longlife 400, 2 × EASY!Lock, ID 8, 400 bar, 30 m, ANTI!Twist	5	6.110-023.0	6.390-294.0	DN 8	400 bar	30 m		
High-pressure hose Longlife 400, 2 × EASY!Lock, ID 8, 400 bar, 20 m, ANTI!Twist	6	6.110-027.0	6.390-027.0	DN 8	400 bar	20 m		
High-pressure hose Longlife 400, 2 × EASY!Lock, ID 8, 400 bar, 15 m, ANTI!Twist	7	6.110-029.0	6.389-709.0	DN 8	400 bar	15 m		

■ Included in delivery. □ Available accessories. ▲ Extension hose. More Kärcher original accessories can be found on the following pages.

[illegible]



# FOOD-GRADE HOSES



Kärcher also provides high-pressure hoses designed for the special requirements of the food industry. Kärcher grey food-grade hoses have a non-marking outer covering. Longlife food-grade hoses with blue outer covering offer a further advantage: they are resistant to animal fat.

		Order No. EASY!Lock	Order No. until 2015	ID	Max. working pressure	Length	Price	Description
<b>Food industry version</b>								
High-pressure hose, food grade, 1 × EASY!Lock, AVS hose reel connection, ID 6, 15 m, ANTI!Twist	1	6.110-074.0	6.391-654.0	DN 6	250 bar	15 m		High-pressure hose with AVS hose reel connection, EASY!Lock hand screw connection as well as grey, non-marking outer covering.
<b>Food industry version with unions on both sides</b>								
High-pressure hose, food grade, 2 × EASY!Lock, ID 8, 10 m, ANTI!Twist	2	6.110-051.0	6.389-479.0	DN 8	250 bar	10 m		High-pressure hose with EASY!Lock hand screw connection at both ends as well as grey, non-marking outer covering.
High-pressure hose, food grade, 2 × EASY!Lock, ID 8, 20 m, ANTI!Twist	3	6.110-052.0	6.389-581.0	DN 8	250 bar	20 m		
<b>Longlife food design with screw connections at both ends</b>								
High-pressure hose, food grade, Longlife 400 2 × EASY!Lock, ID 8, 10 m, ANTI!Twist	4	6.110-053.0	6.391-864.0	DN 8	400 bar	10 m		High-pressure hose with EASY!Lock hand screw connection at both ends as well as blue, non-marking and animal fat-resistant outer covering.
High-pressure hose, food grade, Longlife 400 2 × EASY!Lock, ID 8, 20 m, ANTI!Twist	5	6.110-054.0	6.391-887.0	DN 8	400 bar	20 m		High-pressure hose with double steel reinforcement, EASY!Lock hand screw connection at both ends as well as blue, non-marking and animal fat-resistant outer covering.
<b>Special hoses</b>								
High-pressure hose 1 × EASY!Lock curved 1 × M22 × 1.5, ID 8, 400 bar, 1.5 m	6	6.110-068.0	6.388-886.0	DN 8	400 bar	1.5 m		High-pressure hose with double steel reinforcement, M 22 × 1.5 connection for hose reels as well as EASY!Lock hand screw connection.
High-pressure hose Ex 2 × EASY!Lock, ID 8, 400 bar, 10 m, ANTI!Twist	7	6.110-064.0	6.391-741.0	DN 8	400 bar	10 m		High-pressure hose with double steel reinforcement and EASY!Lock hand screw connection at both ends. Verified electrically conductive.

■ Included in delivery. □ Available accessories. ▲ Extension hose. More Kärcher original accessories can be found on the following pages.

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## MANUAL HOSE REELS



The hose reel attachment kit can be used to store a high-pressure hose up to 40 m long securely and directly on the machine. For quick and easy hose winding and unwinding. Our automatic hose reels offer greater convenience.

		Order No. EASY!Lock	Order No. until 2015	Length	Price	Description
<b>Manual hose reel attachment kit</b>						
Hose reel attachment kit, plastic, for HDS Compact class	1	2.110-010.0	2.642-756.0	20 m		Hose reel attachment kit for attaching to the machine. For secure and space-saving storage of the high-pressure hose (with a connection hose for the machine HP output). Rotatable under pressure with connection for male coupling.
Hose reel attachment kit for HDS petrol machines	2	2.110-005.0	2.637-733.0	20 m		
Hose reel kit for HD Super class	3	2.110-008.0	2.640-439.0	20 m		
Attachment kit, stainless steel hose reel for HD Cage Super class	4	2.110-001.0	2.440-004.0	40 m		
Hose reel attachment kit, powder-coated, for HD Cage Super class	5	2.110-002.0	2.440-005.0	40 m		
Add-on kit hose reel	6	2.110-004.0	2.637-002.0	40 m		

☐ Available accessories. More Kärcher original accessories can be found on the following pages.



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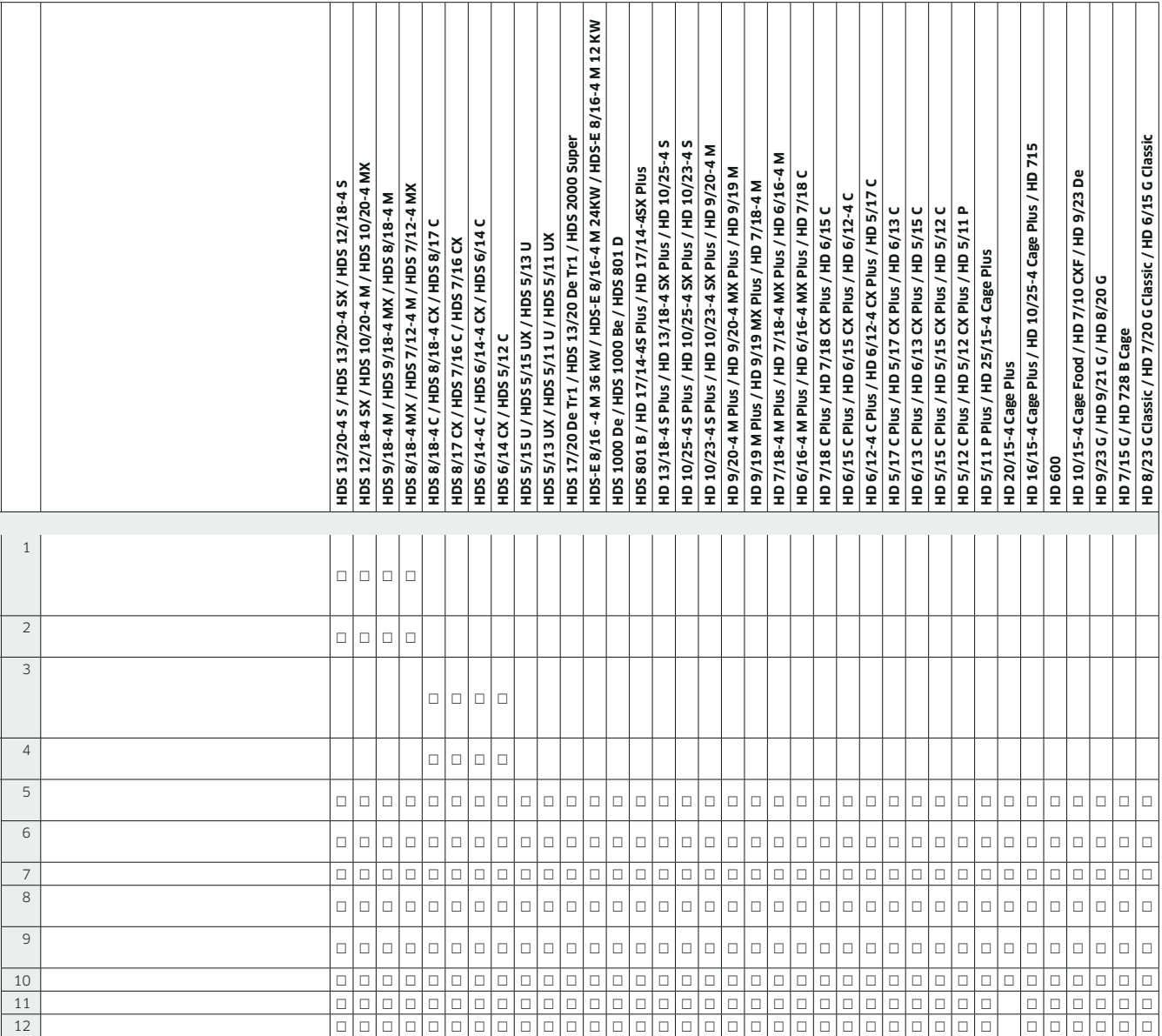
## AUTOMATIC HOSE REELS



The automatic hose reels offer maximum convenience when winding and unwinding the high-pressure hose. Thanks to the practical complete attachment kit, they can be very easily installed. Available for mounting to a wall at the point of use or as an attachment kit directly on the machine.

		Order No. EASY!Lock	Order No. until 2015	Length	Price	Description
<b>Automatic, self-winding hose reels</b>						
ABS automatic hose drum HDS M/S	1	2.110-011.0	2.642-957.0	20 m		Complete automatic hose reel attachment kit for HDS Middle and Super class. Simple installation, removable for transport, all unit functions are available. Offers maximum convenience when winding and unwinding the HP hose. Contains: automatic hose reel, HP hose and all connection parts.
ABS holder, automatic hose drum HDS M/S	2	2.643-040.0	2.643-040.0			Holder includes connection material for installing an automatic hose reel to machines in the HDS Middle and Super classes.
ABS automatic hose drum HDS C	3	2.110-012.0	2.643-052.0	20 m		Complete automatic hose reel attachment kit for HDS compact class. Simple installation and all unit functions are available. Offers maximum convenience when winding and unwinding the HP hose. Contains: automatic hose reel, HP hose and all connection parts.
ABS holder, automatic hose drum HDS C	4	2.110-013.0	2.643-181.0			Holder includes connection material for installing an automatic hose reel to machines from the HDS Compact class.
Automatic hose reel, powder-coated steel / plastic	5	6.392-074.0	6.392-975.0	20 m		Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. For use with HP hoses with AVS connection. For example: order no. 6.390-031 (DN 8, 20 m, 315 bar) or order no. 6.390-208 (DN 8, 20 m, 400 bar Longlife).
Automatic stainless steel / synthetic material hose drum	6	6.392-083.0	6.392-965.0	20 m		
Automatic hose reel, coated	7	6.392-106.0	2.639-919.0	20 m		
Hose reel, automatic, basalt grey-coated	8	6.392-105.0	6.393-001.0	20 m		
Automatic hose reel, stainless steel, includes swivel holder	9	6.392-076.0	6.391-421.0	20 m		
ABS automatic stainless steel hose drum	10	6.392-122.0	2.641-866.0	20 m		
Powder-coated swivel holder	11	2.639-931.0	2.639-931.0			
ABS pivoting stainless steel wall bracket	12	2.641-867.0	2.641-867.0			

□ Available accessories. More Kärcher original accessories can be found on the following pages.





## CONNECTORS AND ADAPTERS



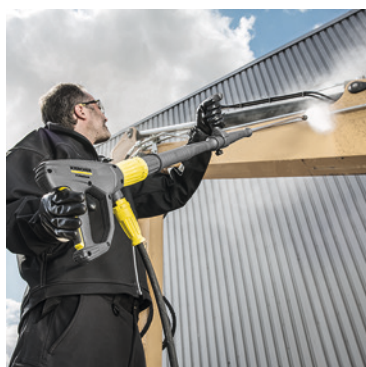
Extra connectors for nozzle attachment directly on the trigger gun allow space-saving handling. Rotary couplings prevent hose chaos, and connectors serve as hose extensions.

		Order No. EASY!Lock	Order No. until 2015	Price	Description
<b>Rotary coupling</b>					
Rotary coupling	1	4.111-021.0	4.401-091.0		Reliably prevents twisting of HP hoses. Handle protection.
<b>Coupling</b>					
Coupler -2 x M 22 x 1,5	2	4.111-037.0	4.403-002.0		For connecting and extending HP hoses. Brass with rubber protection.
<b>Connector</b>					
Screw socket for Surface Cleaner and Servo Control controller	3	4.111-022.0	4.402-002.0		For attaching high-pressure nozzles and accessory parts to HD trigger gun (with nozzle screws).
Short spray unit	4	4.111-038.0	4.402-002.0		For attaching high-pressure nozzles and accessory parts to HD trigger gun (with nozzle screws).
<b>Coupling parts</b>					
Articulated joint	5	6.987-705.0	6.987-705.0		This articulated joint with continuous angle adjustment (up to an angle of 120°) is recommended for cleaning hard-to-reach areas. It is attached directly to the spray lance. Adapter 8 is required for connection to EASY!Lock spray lances (Order No. 4.111-036.0).
<b>Adapter EASY!Lock</b>					
Adaptor 1 M 22 x 1.5 AG - EASY!Lock 22 AG	6	4.111-029.0 ■			Adapter for connecting high-pressure hoses with EASY!Lock and high-pressure hoses with M 22 x 1.5 connection.
Adaptor 2 M 22 x 1.5 IG - EASY!Lock 22 AG	7	4.111-030.0 ■			Adapter for connecting high-pressure cleaners or high-pressure guns with M 22 x 1.5 connection and high-pressure hoses with EASY!Lock.
Adaptor 3 M 22 x 1.5 IG - EASY!Lock 22 AG	8	4.111-031.0 ■			Adapter for connecting high-pressure guns with M 22 x 1.5 connection and spray lances or Servo Control controllers with EASY!Lock.
Adaptor 4 EASY!Lock 22 IG - AVS	9	4.111-032.0 ■	4.424-004.0		Adapter for connecting high-pressure hoses with AVS swivel connection and EASY!Force high-pressure gun.
Adaptor 5 EASY!Lock 22 IG - M 22 x 1.5 AG	10	4.111-033.0 ■			Adapter for connecting EASY!Force high-pressure gun and spray lances with M 22 x 1.5 connection.
Adaptor 6 EASY!Lock 22 IG - M 22 x 1.5 AG	11	4.111-034.0 ■			Adapter for connecting high-pressure hoses with M 22 x 1.5 connection and EASY!Force high-pressure gun or high-pressure cleaners with EASY!Lock.
Adaptor 7 M 18 x 1.5 IG - EASY!Lock 20 AG	12	4.111-035.0 ■			Adapter for connecting spray lances with M 18 x 1.5 connection and nozzles, surface cleaners or wash brushes with EASY!Lock.
Adaptor 8 EASY!Lock 20 IG - M 18 x 1.5 AG	13	4.111-036.0 ■			Adapter for connecting nozzles, surface cleaners or wash brushes with M 18 x 1.5 connection and spray lances with EASY!Lock.

■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.



# TRIGGER GUNS



Effortless, not energy-sapping: the EASY!Force HD trigger gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero. Both the ball and the sealing seat of the valve of the EASY!Force high-pressure gun are ceramic, which is far harder than any conceivable foreign particle. The full ceramic valve therefore ensures a lifetime that is 5 times longer than that of other high-pressure guns.

		Order No. EASY!Lock	Order No. until 2015	Flow rate	Price	Description
<b>Trigger guns</b>						
EASY!Force Advanced	1	4.118-005.0 ■	4.775-466.0			Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.
EASY!Force Food	2	4.118-015.0 ■	4.775-825.0			Perfect for the food industry: the EASY!Force high-pressure gun with full ceramic valve enables effortless working due to virtually zero holding force for the operator.
EASY!Force Ex	3	4.118-020.0 ■	4.775-793.0			Approved for use in explosion-risk areas, designed for effortless working: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force to zero.
High-end HP trigger gun	4	4.118-011.0 ■	4.775-823.0			Robust, durable high-end spray gun for use in the food industry and industry. Very low pressure loss, even with water volumes of up to 2500 l/h.
<b>Servo control</b>						
Servo Control controller with EASY!Lock	5	4.118-009.0 ■	4.775-471.0	1100 l/h		Water quantity and pressure regulated directly from the hand spray gun.
	6	4.118-008.0 ■	4.775-470.0	750-1100 l/h		
	7	4.118-007.0 ■	4.775-526.0	0-750 l/h		
Servo Control controller with EASY!Lock, Food	8	4.118-016.0 ■	4.775-805.0	750-1100 l/h		Water flow and pressure control on the trigger gun. Food-grade, parts in contact with water are stainless steel.
<b>Quick connect</b>						
Quick coupling	9	2.115-000.0 ■	6.401-458.0			For quick changing between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface.
Male coupling	10	2.115-001.0 ■	6.401-459.0			Hardened stainless steel male coupling for quick coupling 2.115-000.0

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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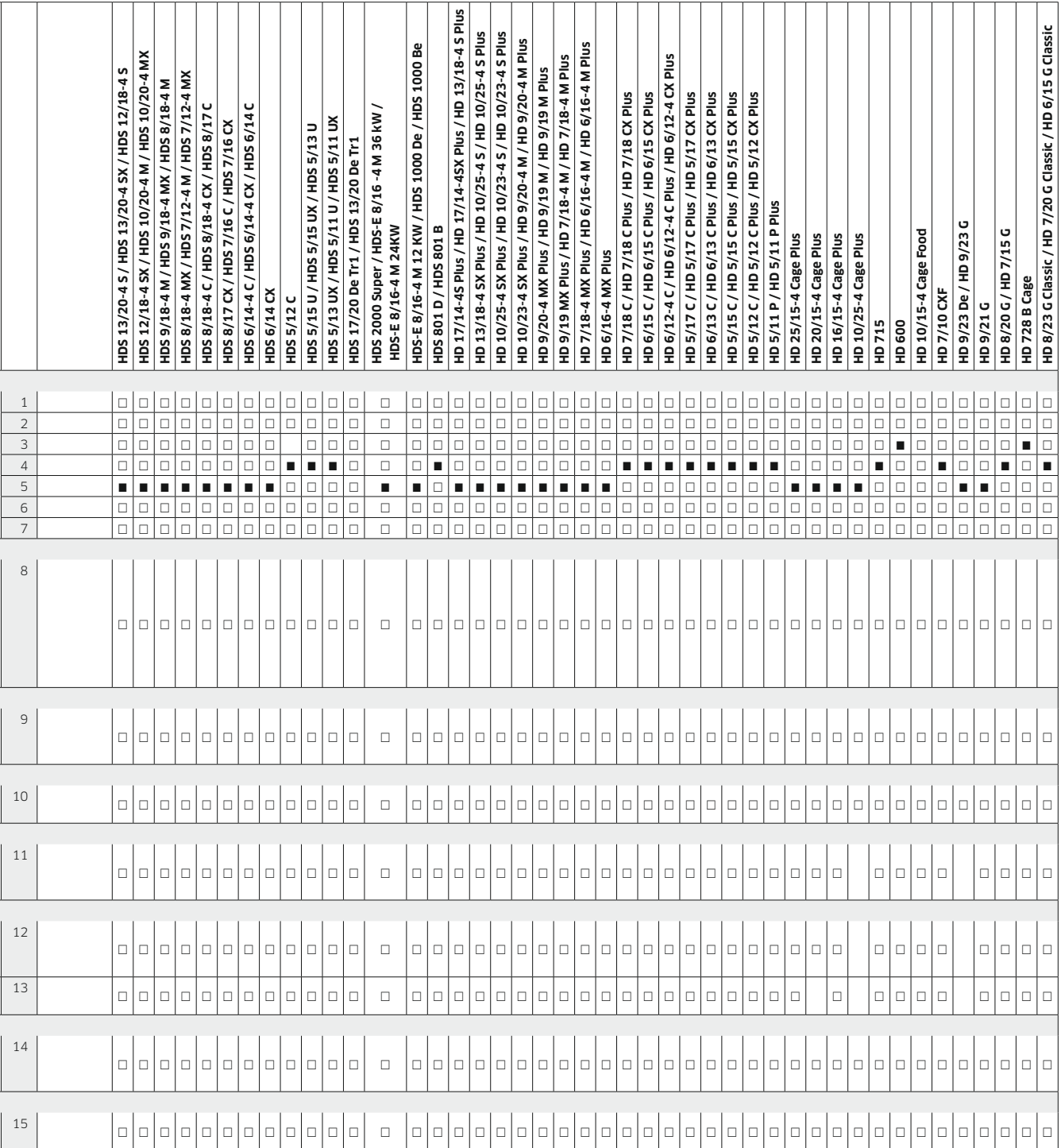
# SPRAY LANCES



Kärcher spray lances made of high-quality stainless steel in various lengths can be rotated through 360° under pressure. They feature ergonomic handle bowls and large hand screw connections for optimal handling and protection. Special spray lances significantly extend the areas of use of high-pressure cleaners. For example, the flexible spray lance, which is ideal for cleaning hard-to-reach areas. Or the telescopic spray lance for cleaning ceilings and facades.

		Order No. EASY!Lock	Order No. until 2015	Max. working pressure	Length	Price	Description
Rotating spray lances							
Spray lance, 250 mm, rotatable	1	4.112-027.0	4.760-667.0	300 bar	250 mm		Spray lances in different lengths, stainless steel with large manual coupling. Ergonomic handle bowls ensure optimal handling and protection. Rotatable under pressure by 360°.
Spray lance, 400 mm, rotatable	2	4.112-024.0	4.760-665.0	300 bar	400 mm		
600 mm spray pipe, rotatable	3	4.112-007.0	4.760-664.0	300 bar	600 mm		
Spray lance, 840 mm, rotatable	4	4.112-006.0	4.760-663.0	300 bar	840 mm		
1050 mm spray pipe, rotatable	5	4.112-000.0	4.760-660.0	300 bar	1050 mm		
1550 mm spray pipe, rotatable	6	4.112-018.0	4.760-661.0	300 bar	1550 mm		
2050 mm spray pipe, rotatable	7	4.112-021.0	4.760-662.0	300 bar	2050 mm		
Additional handle							
Additional handle for EASY!Lock spray lances	8	4.321-380.0 ■					Comfortable in every situation - the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360°-rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.
Double lance							
Double lance 960 mm	9	6.394-665.0	6.394-665.0	310 bar	960 mm		Continuous regulation of the working pressure directly on the handle with full water volume. Particularly suitable for agriculture (e.g. barn cleaning).
Angular spray lance							
Spray lance for toilets and rain gutters	10	4.112-029.0	4.760-073.0				With nozzle insert. Specially shaped for cleaning gutters and hygienically cleaning WCs. Stainless steel.
Flexible spray lance							
Flexible lance 1050 mm	11	4.112-035.0	6.394-654.0	210 bar	1050 mm		Continuous adjustment of the angle of the spray lance from 20–140°. Especially suitable for cleaning hard-to-reach places, e.g. roof gutters, car roofs, underbodies or wheel arches.
Telescopic spray lance							
Telescopic spray lance	12	4.112-037.0	6.394-690.0	225 bar			Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach (e.g. ceilings, facades). With integrated HD trigger gun.
Strap for telescopic spray pipe	13	6.373-987.0	6.373-987.0				Comfortable carrying strap to facilitate work with the telescopic spray lance.
Gutter cleaner							
Gutter cleaning lance	14	2.112-015.0	2.642-305.0				The spray lance is designed for cleaning gutter drainage systems. The lance shape and the special nozzle allow cleaning to be carried out without removing the cover screen.
Undercarriage spray lance							
Underbody lance	15	4.112-032.0	4.760-245.0		700 mm		Mobile; for convenient and effective cleaning of vehicle underbodies and wheel arches. Stainless steel. Without HP nozzle.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



# WASH BRUSHES



Wash brushes are ideal for stubborn contamination and sensitive surfaces. Kärcher offers a wide range of wash brushes for effective and gentle vehicle and facade cleaning. The mechanical cleaning effect of the bristles allows cleaning in low-pressure range. Kärcher wash brushes fit standard spray lances and triple nozzles. The rotating wash brushes have a powerful cleaning action. They are driven by the high-pressure cleaner's water stream.

		Order No. EASY!Lock	Order No. until 2015	Flow rate	Price	Description
<b>Push-on washing brush</b>						
Push-on washing brush	1	4.113-001.0	4.762-016.0			For all surface cleaning tasks. Clamps directly onto the spray lance.
	2	4.762-497.0	4.762-497.0			Clamps directly onto the double/triple nozzle of the machine. Suitable for new double/triple nozzles.
<b>Rotating washing brush</b>						
Rotating wash brush for < 800 l/h machines, nylon bristles	3	4.113-004.0	4.762-561.0	500-800 l/h		Driven by the water stream. For gentle removal of fine dust and grey film on all surfaces. Temperature-resistant up to 60°C (replaceable brush insert).
Rotating wash brush for > 800 l/h machines, nylon bristles	4	4.113-002.0	4.762-559.0	900-1300 l/h		
Rotating wash brush for < 800 l/h machines, natural hair bristles	5	4.113-003.0	4.762-560.0	500-800 l/h		
Rotating wash brush for > 800 l/h machines, natural bristles	6	4.113-005.0	4.762-562.0	900-1300 l/h		

☐ Available accessories. More Kärcher original accessories can be found on the following pages.



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# POWER NOZZLES



The Kärcher power nozzle cleans large surfaces considerably faster and more thoroughly. The sharply contoured spray jet, consisting of large, connected drops, offers up to 40% more impact force. This increases the cleaning power enormously.


■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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# POWER NOZZLES



Kärcher power nozzles clean large areas much faster and more thoroughly. The sharply contoured spray jet, consisting of large, connected drops, offers up to 40% more collision force.

		Order No. EASY!Lock	Order No. until 2015	Nozzle size	Price	Description
<b>Power nozzle, spray angle 25°</b>						
Power nozzle, 25° spray angle	1	2.113-063.0	2.883-043.0	33		Flat jet nozzle for large area performance and stubborn dirt.
	2	2.113-000.0	2.883-803.0	34		
	3	2.113-004.0	2.885-255.0	35		
	4	2.113-005.0	2.883-821.0	36		
	5	2.113-006.0	2.883-805.0	38		
	6	2.113-021.0	2.883-397.0	40		
	7	2.113-007.0	2.883-831.0	42		
	8	2.113-008.0	2.883-829.0	43		
	9	2.113-022.0	2.883-398.0	45		
	10	2.113-009.0	2.883-894.0	47		
	11	2.113-010.0	2.883-804.0	48		
	12	2.113-023.0	2.883-399.0	50		
	13	2.113-024.0	2.883-400.0	52		
	14	2.113-011.0	2.883-927.0	54		
	15	2.113-026.0	2.883-402.0	60		
	16	2.113-012.0	2.883-948.0	62		
	17	2.113-027.0	2.885-133.0	68		
	18	2.113-028.0	2.883-404.0	70		
	19	2.113-015.0	2.883-406.0	80		
	20	2.113-016.0	2.883-407.0	90		
	21	2.113-017.0	2.883-408.0	100		
	22	2.113-018.0	2.883-785.0	110		
	23	2.113-060.0	2.885-459.0	115		
	24	2.113-029.0	2.885-170.0	125		
	25	2.113-030.0	2.885-157.0	155		
25° power nozzle for cleaning agent suction	26	2.113-020.0	2.884-521.0	250		Brass power nozzle for low-pressure operation and cleaning agent suction.
<b>Power nozzle, spray angle 40°</b>						
Power nozzle, spray angle 40°	27	2.113-003.0	2.884-522.0	40		Fan jet for high area performance – suitable for sensitive surfaces.
	28	2.113-053.0	2.884-523.0	45		
	29	2.113-054.0	2.884-524.0	50		
	30	2.113-055.0	2.884-525.0	55		
	31	2.113-056.0	2.884-526.0	75		
	32	2.113-057.0	2.884-527.0	80		
	33	2.113-069.0		90		
	34	2.113-067.0		130		

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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# TRIPLE NOZZLES



Kärcher triple nozzles combine quality, flexibility and cleaning power. The rugged and high-quality stainless steel nozzle guarantees a long service life. Choose one of 3 spray types: 0° high-pressure point stream, 25° high-pressure flat stream and 40° low-pressure stream (with cleaning agent inlet). The integrated power nozzle contour in the 25° high-pressure flat stream guarantees maximum cleaning power.

		Order No. EASY!Lock	Order No. until 2015	Max. working pressure	Nozzle size	Price	Description
Triple nozzles							
Triple nozzle	1	4.117-024.0	4.767-144.0	300 bar	28		Manually switchable triple nozzle with stainless steel nozzle. Sturdy, durable and resistant to dirt. Easy jet changeover between high-pressure point stream (0°), high-pressure flat stream with power nozzle contour (25°), and low-pressure flat stream (40°). For machines with injectors, low-pressure flat stream is used for cleaning agent suction and application.
	2	4.117-027.0	4.767-195.0	300 bar	32		
	3	4.117-029.0	4.767-147.0	300 bar	34		
	4	4.117-030.0	4.767-212.0	300 bar	35		
	5	4.117-031.0	4.767-148.0	300 bar	36		
	6	4.117-032.0	4.767-149.0	300 bar	38		
	7	4.117-033.0	4.767-150.0	300 bar	40		
	8	4.117-034.0	4.767-151.0	300 bar	42		
	9	4.117-035.0	4.767-152.0	300 bar	43		
	10	4.117-036.0	4.767-002.0	300 bar	45		
	11	4.117-037.0	4.767-065.0	300 bar	50		
	12	4.117-038.0	4.767-155.0	300 bar	53		
	13	4.117-040.0	4.767-067.0	300 bar	60		
Angled vario nozzle, 0-90°							
Angled Vario nozzle, 0-90°	14	4.113-007.0	4.763-039.0		50		Allows variable adjustment of the high-pressure jet spray angle from 0-90°. This allows easy adaptation to all types of contaminations and surfaces.
	15	4.113-008.0	4.763-058.0		55		
	16	4.113-006.0	4.763-036.0		80		

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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# ROTARY NOZZLES



The Kärcher dirt blaster combines the advantages of point jets and flat streams. The nozzle spins at approximately 4,000 rpm on its own axle to apply a powerful cleaning spray to a large area.

		Order No. EASY!Lock	Order No. until 2015	Max. working pressure	Nozzle size	Price	Description
Dirt Blaster, small							
Dirt blaster	1	4.114-018.0	4.767-229.0	180 bar	30		Dirt blaster with rotating point jet for 10 times the power and an increase in cleaning and area performance of up to 50% over its predecessor. Ceramic nozzle/bearing ring. Max. 180 bar/18 Mpa. 60°C.
	2	4.114-019.0	4.767-230.0	180 bar	35		
	3	4.114-020.0	4.767-231.0	180 bar	40		
	4	4.114-021.0	4.767-232.0	180 bar	45		
	5	4.114-022.0	4.767-233.0	180 bar	50		
Dirt blaster, large							
Dirt blaster	6	4.114-040.0	4.763-931.0	300 bar	35		Dirt blaster – rotating point jet - 10 times the cleaning performance. Maximum working time thanks to ceramic nozzle/bearing ring. Max. 300 bar / 30 MPa, 85°C.
	7	4.114-041.0	4.763-252.0	300 bar	40		
	8	4.114-042.0	4.763-988.0	300 bar	45		
	9	4.114-027.0	4.763-253.0	300 bar	50		
	10	4.114-036.0	4.763-250.0	300 bar	55		
	11	4.114-030.0	4.763-254.0	300 bar	70		
	12	4.114-043.0	4.767-076.0	300 bar	90		
	13	4.114-048.0	4.764-208.0	300 bar	100		
	14	4.114-044.0	4.763-930.0	300 bar	120		
	15	4.114-049.0	4.764-209.0	300 bar	130		
	16	4.114-046.0	4.764-201.0	300 bar	170		

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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# STEAM JET NOZZLES



Whether for thawing and de-icing or depreserving vehicles – thanks to the special brass steam jet nozzles, Kärcher hot water high-pressure cleaners can also be used in steam operation.

		Order No. EASY!Lock	Order No. until 2015	Nozzle size	Price	Description
Steam jet nozzles						
Steam jet nozzle	1	4.116-000.0	4.766-023.0	1.5		50° flat stream for cleaning and thawing in the steam stage, e.g. thawing sand and gravel, de-icing form work, depreserving vehicles.
	2	4.116-001.0	4.766-024.0	2		
	3	2.114-000.0	2.885-045.0	40		Brass steam nozzle for operation of the HDS in steam stage.
	4	2.114-001.0	2.885-046.0	45		
	5	2.114-002.0	2.885-039.0	50		
	6	2.114-004.0	2.885-040.0	60		
	7	2.114-006.0	2.885-041.0	70		
	8	2.114-008.0	2.885-042.0	80		
	9	2.114-009.0	2.885-120.0	85		
	10	2.114-012.0	2.885-044.0	110		
Nozzle protector for steam nozzle						
Nozzle protector, rubber	11	5.394-059.0	5.394-059.0			Nozzle protection for steam jet nozzles 4.116-000.0 and 4.116-001.0.
■ Included in delivery.    □ Available accessories.    More Kärcher original accessories can be found on the following pages.						

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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# PIPE CLEANING



Kärcher high-pressure cleaners can be used in combination with a special “pipe cleaning” accessory for optimal cleaning of dirty and blocked drains and pipes. The nozzle jets are set at an angle to allow the nozzle and hose to move freely through the pipe. Stubborn deposits adhering to the pipe walls are dislodged and washed out. Movement through very long or curved pipes may need assistance. The forward-facing rotating pencil jet effortlessly clears stubborn blockages.

		Order No. EASY!Lock	Order No. until 2015	Max. working pressure	Nozzle size	Diameter	Price	Description
Pipe cleaning hose, ID 6								
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	1	6.110-046.0 ■		250 bar				Particularly flexible high-pressure hoses for pipe interior cleaning (threaded connection for nozzle R 1/8").
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	2	6.110-008.0	6.390-030.0	250 bar				
Pipe cleaning hose, ID 6, 30 m, max. 250 bar	3	6.110-047.0 ■		250 bar				
Pipe cleaning hose, ID 6, 10 m, max. 140 bar	4	6.110-048.0 ■		140 bar				
Pipe cleaning hose, ID 6, 20 m, max. 140 bar	5	6.110-049.0	6.390-028.0	140 bar				
Pipe cleaning hose, ID 6, 30 m, max. 140 bar	6	6.110-050.0	6.390-029.0	140 bar				
Pipe cleaning nozzle								
Pipe cleaning dirt blaster D 25 / 040	7	6.415-944.0	6.415-944.0		40	25 mm		With R 1/8" connection for attachment to pipe cleaning hose. 1 × forward rotary nozzle, 3 × 30° backwards.
Pipe cleaning dirt blaster D 25 / 060	8	6.415-945.0	6.415-945.0		60	25 mm		
Pipe cleaning dirt blaster D 30 / 040	9	6.415-946.0	6.415-946.0		40	30 mm		
Pipe cleaning dirt blaster D 30 / 060	10	6.415-947.0	6.415-947.0		60	30 mm		
Pipe cleaning dirt blaster D 35 / 040	11	6.415-948.0	6.415-948.0		40	35 mm		
Pipe cleaning dirt blaster D 35 / 060	12	6.415-949.0	6.415-949.0		60	35 mm		
Pipe cleaning nozzle 080	13	5.763-087.0	5.763-087.0		80	25 mm		With R 1/8" connection for attachment to pipe cleaning hose. 4 × 30° backwards.
Pipe cleaning nozzle 100	14	5.763-088.0	5.763-088.0		100	24 mm		With R 1/8" connection for attachment to pipe cleaning hose. 8 × 30° backwards.
Pipe cleaning nozzle 120	15	5.763-089.0	5.763-089.0		120	16 mm		With R 1/8" connection for attachment to pipe cleaning hose. 1 × forwards, 3 × 30° backwards, Ø 16 mm.
Pipe cleaning nozzle	16	5.763-015.0	5.763-015.0		55	16 mm		With R 1/8" connection for attachment to pipe cleaning hose. 3 × 30° backwards, Ø 16 mm.
	17	5.763-019.0	5.763-019.0		65	16 mm		With R 1/8" connection for attachment to pipe cleaning hose. 1 × forwards, 3 × 30° backwards, Ø 16 mm.
	18	5.763-016.0	5.763-016.0		60	16 mm		
	19	5.763-020.0	5.763-020.0		65	16 mm		
	20	5.763-017.0	5.763-017.0		50	30 mm		With R 1/8" connection for attachment to pipe cleaning hose. 3 × 30° backwards, Ø 30 mm.
21	5.763-021.0	5.763-021.0		70	30 mm			
Rotating pipe cleaning nozzle	22	6.415-428.0	6.415-428.0		50	16 mm		With R 1/8" connection for attachment to pipe cleaning hose. Four rotating jets.
	23	6.415-440.0	6.415-440.0		65	16 mm		With R 1/8" connection for attachment to pipe cleaning hose. Four rotating jets.

■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.



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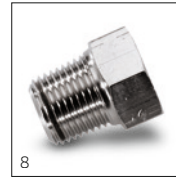
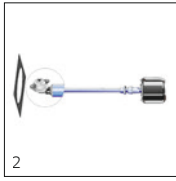
# BARREL AND CONTAINER CLEANING



Kärcher also offers numerous accessories for barrel and deposit cleaning for perfect results in combination with Kärcher high-pressure cleaners. For example, the spray heads from the HKF range. They are optimally suited to interior cleaning of containers with capacities of up to 3,000 litres and openings from 50 mm. Or the BC 14/12, specially developed for oak barrels, which even has an integrated vacuum function.

		Order No. EASY!Lock	Order No. until 2015	Nozzle size	Price	Description
<b>Barrel and tank cleaning</b>						
Barrel cleaner BC 14/12 C	1	2.112-020.0	2.641-740.0			The BC 14/12 is a spray unit for efficient interior cleaning of containers and barrels, especially oak barrels with a capacity between 225 and 600 litres.
<b>HKF 50 spray head, brass</b>						
HKF 50 spray head, brass	2	3.631-039.0	3.631-039.0			Immersion depth 850 mm. Interior cleaning head for barrel and deposit cleaning for bung hole diameters from 50 mm. Can be connected directly to the high-pressure cleaner. Electro motor drive. Vertical and horizontal operation possible.
<b>Nozzle kit for spray head HKF 50 (3.631-009.0 / 3.631-039.0)</b>						
Nozzle 030 for 2-nozzle operation HKF 50	3	6.415-444.0	6.415-444.0	30		2 × nozzle 030 for 2-nozzle operation.
Nozzle 045 for 2-nozzle operation HKF 50	4	6.415-446.0	6.415-446.0	45		2 × nozzle 045 for 2-nozzle operation.
Nozzle 090 for 1-nozzle operation HKF 50	5	6.415-447.0	6.415-447.0	90		1 × nozzle 090 for 1-nozzle operation.
Cone for plugging into bung holes	6	4.132-002.0	4.132-002.0			Cone for fixing in bung holes.
Double grip for precise control of spray head	7	2.863-036.0	2.863-036.0			Double grip for precise control of spray head.
Screw plug for using a spray head with one nozzle	8	5.411-061.0	5.411-061.0			Screw plug for spray head operation with one nozzle.

□ Available accessories. More Kärcher original accessories can be found on the following pages.



			HDS 13/20-4 S / HDS 13/20-4 SX	
			HDS 12/18-4 S / HDS 12/18-4 SX	
			HDS 10/20-4 M / HDS 10/20-4 MX / HDS 9/18-4 M	
			HDS 9/18-4 MX	
			HDS 8/18-4 M / HDS 8/18-4 MX / HDS 7/12-4 M	
			HDS 7/12-4 MX / HDS 8/18-4 C / HDS 8/18-4 CX	
			HDS 8/17 C / HDS 8/17 CX	
			HDS 7/16 C / HDS 7/16 CX / HDS 6/14-4 C	
			HDS 6/14-4 CX / HDS 6/14 C / HDS 6/14 CX	
			HDS 2000 Super	
			HD 17/14-4S Plus / HD 17/14-4SX Plus	
			HD 13/18-4 S Plus / HD 13/18-4 SX Plus / HD 10/25-4 S	
			HD 10/25-4 S Plus / HD 10/25-4 SX Plus / HD 10/23-4 S	
			HD 10/23-4 S Plus / HD 10/23-4 SX Plus	
			HD 9/20-4 M / HD 9/20-4 M Plus / HD 9/20-4 MX Plus	
			HD 9/19 M / HD 9/19 M Plus / HD 9/19 MX Plus	
			HD 7/18-4 M / HD 7/18-4 M Plus / HD 7/18-4 MX Plus	
			HD 6/16-4 M / HD 6/16-4 M Plus / HD 6/16-4 MX Plus	
			HD 7/18 C / HD 7/18 C Plus / HD 7/18 CX Plus	
			HD 6/15 C / HD 6/15 C Plus / HD 6/15 CX Plus	
			HD 6/12-4 C / HD 6/12-4 C Plus / HD 6/12-4 CX Plus	
			HD 6/13 C / HD 6/13 C Plus / HD 6/13 CX Plus	
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# SURFACE CLEANER

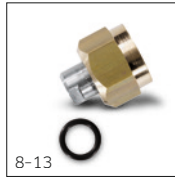


Surface cleaners offer extensive area performance and clean without splashing. They come with a plastic and stainless steel hood (hot water operation). Tip for extra-large surfaces: the FR 50 Me.

		Order No. EASY!Lock	Order No. until 2015	Flow rate	Nozzle size	Diameter	Price	Description
FR Classic Surface Cleaner								
FR Classic Surface Cleaner	1	2.111-016.0	2.643-476.0			300 mm		The entry-level model of Kärcher surface cleaners for splash-proof cleaning of surfaces in inside and outside areas. Nozzle kit must be ordered separately. Max. 150 bar / 600 l/h / 40°C.
Hard Surface Cleaner FR 30								
FR 30	2	2.111-011.0	2.642-997.0			300 mm		Up to 10 times greater area coverage compared with the conventional high-pressure jet. Plastic casing for optimal manoeuvrability, double ceramic bearing for long working times, flexible connection joint for optimal handling and integrated parking position. Machine-specific nozzle kit must be ordered separately. Max. 180 bar / 850 l/h / 60°C.
FR 30 Me Surface Cleaner								
Hard Surface Cleaner FR 30 Me	3	2.111-013.0	2.640-355.0			300 mm		High-quality, hot water-resistant surface cleaner with stainless steel casing, double ceramic bearing, non-marking steering rollers, integrated suction hose connection for suction of the spray water. Ideal for interior cleaning and use in the food industry. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1300 l/h / 85°C.
Hard Surface Cleaner FR 50								
Surface Cleaner FR 50 Me	4	2.111-023.0	2.640-679.0			500 mm		With 500 mm working width, the FR 50 Me is especially suitable for large surfaces. Hot water-resistant, stainless steel casing, double ceramic bearing, convenient push handle, non-marking steering rollers and integrated cleaning agent dosing at low pressure. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1800 l/h / 85°C.
Machine-specific nozzle kits for FR Classic								
Nozzle kit for FR Classic 028	5	2.885-436.0	2.885-436.0		28			Machine-specific nozzle kit for FR Classic.
Nozzle kit for FR Classic 034	6	2.885-313.0	2.885-313.0		34			
Nozzle kit for FR Classic 040	7	2.885-312.0	2.885-312.0		40			
Machine-specific nozzle kits for FR								
Nozzle kit for surface cleaners	8	2.640-482.0	2.640-482.0	450-500 l/h				Kärcher machine-specific power nozzle kit for surface cleaners.
	9	2.640-401.0	2.640-401.0	500-650 l/h				
	10	2.639-187.0	2.639-187.0	650-850 l/h				
	11	2.640-442.0	2.640-442.0	850-1100 l/h				
	12	2.639-188.0	2.639-188.0	1100-1300 l/h				
	13	2.640-781.0	2.640-781.0	1300-1800 l/h				

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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# SURFACE CLEANER WITH SUCTION



No more annoying rinsing! The Surface Cleaners FRV 30, FRV 30 Me and now also the FRV 50 Me clean with the highest area performance without splashing and at the same time automatically suction the dirty water.

		Order No. EASY!Lock	Order No. until 2015	Nozzle size	Price	Description
<b>Hard Surface Cleaner FRV 30</b>						
FRV 30 Surface Cleaner	1	2.111-010.0	2.642-999.0			With the integrated, automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient and can be used in both inside and outside areas. There is no longer a need to rinse the surface after cleaning, since the dirty water can be discharged through the 5 m suction hose supplied. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1300 l/h / 60°C.
Rubber lip for FRV 30	2	2.642-910.0	2.642-910.0			For using the FRV 30 on smooth floors indoors. The squeegee increases the suction performance of the FRV 30 and minimises the amount of water remaining. This means that interior floors are dry in just a few minutes.
Extension hose 5 m	3	4.440-939.0	4.440-939.0			5 m extension hose for FRV 30. Includes connection adapters.
ABS hose fastening	4	2.642-528.0	2.642-528.0			Suction cup for fixing the suction hose to smooth surfaces.
ABS dirt trap	5	2.642-532.0	2.642-532.0			Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.
<b>FRV 30 Me Surface Cleaner</b>						
Surface Cleaner FRV 30 Me	6	2.111-012.0	2.642-911.0			Thanks to automatic suction of the waste water, the stainless steel FRV 30 Me Surface Cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85°C. The FRV 30 Me features a temperature-resistant 7.5 m polyurethane suction hose. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1300 l/h / 85°C.
Extension hose FRV 30 Me and FRV 50 Me	7	4.441-040.0	4.441-040.0			5 m extension hose for FRV 30 Me. Includes connection adapters.
<b>Surface Cleaner FR 50 Me</b>						
Surface Cleaner FRV 50 Me	8	2.111-024.0 ■	2.643-598.0			Surface cleaning with automatic suction of the dirty water for very large surfaces: the FRV 50 Me. Hot water cleaning up to 85°C. The FRV 50 Me features a temperature-resistant 10 m polyurethane suction hose. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 2000 l/h / 85°C.
<b>Machine-specific nozzle kits for FRV</b>						
Nozzle kit 035 - for FRV	9	2.642-430.0	2.642-430.0	35		Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.
Nozzle kit 040 - for FRV	10	2.642-431.0	2.642-431.0	40		
Nozzle kit 045 - for FRV	11	2.642-432.0	2.642-432.0	45		
Nozzle kit 050 - for FRV	12	2.642-433.0	2.642-433.0	50		
Nozzle kit 080 - for FRV	13	2.642-982.0	2.642-982.0	80		

■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.

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# WET JET UNIT



The wet blasting attachment fits easily on Kärcher high-pressure cleaner spray lances. The abrasive is sucked up, entrained in the water jet and applied with a powerful abrasive action. Ideal for removing rust, scale and paint from components as well as graffiti.

		Order No. EASY!Lock	Order No. until 2015	Nozzle size	Price	Description
Wet blasting attachment (without nozzle)						
Wet blasting attachment with flow control (nozzles not included)	1	4.115-000.0	4.762-010.0			Adds abrasive to high-pressure jet. For removing paint, rust, scaling. Fits on spray lance in place of HP nozzle. With flow control.
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0	4.762-022.0			Adds abrasive to high-pressure jet. For removing paint, rust, scaling. Fits on spray lance in place of HP nozzle. Without flow control.
Nozzle kits for wet jet unit						
Nozzle kit for wet jet unit 035	3	2.638-526.0	2.638-526.0	35 mm		Consisting of wet jet nozzle and nozzle insert - only for use in combination with wet jet unit 4.115-000.0   4.115-006.0.
Nozzle kit for wet jet unit 040	4	2.637-900.0	2.637-900.0	40 mm		
Nozzle kit for wet jet unit 045	5	2.637-901.0	2.637-901.0	45 mm		
Nozzle kit for wet jet unit 050	6	2.637-902.0	2.637-902.0	50 mm		
Nozzle kit for wet jet unit 055	7	2.637-903.0	2.637-903.0	55 mm		
Nozzle pack for wet blasting attachment	8	2.637-904.0	2.637-904.0	60 mm		
Nozzle kit for wet jet unit 065	9	2.637-905.0	2.637-905.0	65 mm		
Nozzle kit for wet jet unit 070	10	2.637-906.0	2.637-906.0	70 mm		
Nozzle kit for wet jet unit 080	11	2.637-908.0	2.637-908.0	80 mm		
Nozzle kit for wet jet unit 090	12	2.637-909.0	2.637-909.0	90 mm		
Nozzle kit for wet jet unit 100	13	2.637-910.0	2.637-910.0	100 mm		
Boron carbide nozzle						
Boron carbide nozzle, for machines up to 1000 l/h	14	6.415-084.0		6 mm		In addition to nozzle kits. Highly wear-resistant spray nozzle with boron carbide chuck for continuous use.
Boron carbide, for machines from 1000 l/h	15	6.415-083.0		8 mm		

□ Available accessories. More Kärcher original accessories can be found on the following pages.



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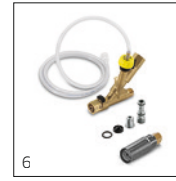
# FOAM SYSTEMS



The handy cup foam lance from Kärcher is particularly suitable for vehicle washes. The cleaning agent tank is on the lance. The injector for detergent inlet is integrated into the lance and is compatible with numerous Kärcher cleaning appliances.

		Order No. EASY!Lock	Order No. until 2015	Flow rate	Price	Description
Inno Foam Kit						
Inno Foam Set with detergent injector	1	2.112-000.0	2.640-151.0			HP foam system for use with mobile and stationary HP/HDS machines for cleaning and disinfection. Dual jet pipe with foam jet and conversion to HP stream for clear rinsing. The nozzle kits for different unit classes must be ordered separately.
Inno Foam Set	2	2.112-008.0	2.640-692.0			
Inno Foam Set HD 7/10 CXF with cleaning agent injector and nozzle kit	3	2.112-009.0	2.641-544.0			
Easy Foam Set						
Easy Foam Set with RM injector	4	2.112-010.0	2.640-691.0			HP foam system for mobile and stationary HP/HDS machines for cleaning and disinfection. Foam jet for connection to HP spray lance. The nozzle kits for different unit classes must be ordered separately.
Easy Foam Set	5	2.112-011.0	2.640-693.0			
HD 7/10 CXF with cleaning agent injector and nozzle kit	6	2.112-012.0	2.641-564.0			
Nozzle kits for Inno/Easy Foam Set						
Nozzle kit 110 for Inno / Easy Set 1000-1300 l/h	7	2.111-020.0	2.640-689.0	1000-1300 l/h		Can be adapted to different unit performances for cost-effective use.
Nozzle kit 090 for Inno / Easy Set 700-1000 l/h	8	2.111-019.0	2.640-688.0	700-1000 l/h		
Nozzle kit 060 for Inno / Easy Set 600-700 l/h	9	2.111-018.0	2.640-687.0	600-700 l/h		
Nozzle kit 055 for Inno / Easy Set 500-600 l/h	10	2.111-009.0	2.640-870.0	500-600 l/h		
Nozzle kit 110 for Inno / Easy Set for HD 13/18	11	2.111-022.0	2.640-694.0	1300 l/h		For HD 13/18.
Foam nozzle mounting kit						
Foam nozzle attachment kit	12	2.112-013.0	2.637-926.0			For applying foam cleaning agent in metered quantities in sanitary and food areas or where long reaction times are necessary; fits to spray lance in place of HP nozzle.
Cup foam lance						
Cup foam lance Advanced 025	13	2.112-017.0 ■	6.394-968.0			Short, handy foam lance with 1-litre cleaning agent container directly on the lance. Thanks to its compact construction style, it is ideal, for example, for cleaning lorries with foam. Swivelling connection M 22 × 1.5, variable cleaning agent dosage via control on lance, adjustable spray angle.
Cup foam lance Advanced 042	14	2.112-018.0 ■	6.394-969.0			
1-litre cleaning agent container for foam lance	15	6.414-954.0	6.414-954.0			Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 6.394-668.0).

■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.

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# CLEANING AGENT INJECTORS



The injectors are attached to the high-pressure output of the HD/HDS devices. The dosing is adjusted directly on the cleaning agent injector. Important: use the corresponding nozzle kit for the device.

		Order No. EASY!Lock	Order No. until 2015	Price	Description
<b>Cleaning agent injector</b>					
Cleaning agent injector for high and low pressure (without nozzle)	1	4.637-032.0	3.637-001.0		Cleaning agent dosing. Separately from the machine in low and high pressure. Dosage up to 15%.
Cleaning agent injector for high pressure (without nozzle)	2	4.637-033.0	3.637-170.0		Cleaning agent dosing in high pressure 3-5%.
Cleaning agent dosing attachment kit for HD 25/15-4 and HD 20/15-4 Cage Plus	3	4.637-031.0	3.637-250.0		Attachment kit for cleaning agent dosing in low and high pressure 0-5%. Consists of cleaning agent injector + nozzle insert + low pressure nozzle + rollover nozzle holder (for conveniently switching between high and low pressure).
Stainless steel injector kit for HD 6/15C	4	6.645-758.0	6.645-758.0		Specially suitable for high-pressure cleaner HDS 6/15 C, the stainless steel injector ensures precise dosing in cleaning agent and foam applications. With suction hose and filter.
Stainless steel injector kit for HD 7/18-4M/HDS 8/18-4C	5	6.645-759.0	6.645-759.0		The stainless steel injector for our high-pressure cleaners HD 7/18-4 M and HDS 8/18-4 C ensures precise dosing in cleaning agent and foam applications. With suction hose and filter.
Stainless steel injector kit for HD 9/20-4M	6	6.645-760.0	6.645-760.0		Specially suitable for high-pressure cleaner HDS 9/20-4 M, the stainless steel injector ensures precise cleaning agent dosing. Comes complete with suction hose and filter.
Stainless steel injector kit for HD 10/25-4S	7	6.645-761.0	6.645-761.0		Specially suitable for high-pressure cleaner HDS 10/25-4 S, the stainless steel injector ensures precise cleaning agent dosing. Comes complete with suction hose and filter.
Stainless steel injector kit for HDS 10/20-4M	8	6.645-762.0	6.645-762.0		Specially suitable for high-pressure cleaner HDS 10/20-4 M, the stainless steel injector ensures precise cleaning agent dosing. Comes complete with suction hose and filter.
Stainless steel injector kit for HDS 12/18-4S	9	6.645-763.0	6.645-763.0		Especially suitable for high-pressure cleaner HDS 12 / 18-4 S, the stainless steel injector ensures precise dosing in cleaning agent and foam applications. With suction hose and filter.
Dosing valve for stainless steel injector	10	6.500-000.0	6.500-000.0		Retrofittable dosing valve for steel injectors. Allows for easy, comfortable and precise adjustment of the cleaning agent dosage by means of a rotary knob.
<b>Nozzle insert with order no. 3.637-001.0</b>					
Nozzle insert up to 1100 l/h - high pressure	11	4.769-003.0	4.769-003.0		High pressure for units up to 1100 l/h.
Nozzle insert from 1100 l/h - HD	12	4.769-002.0	4.769-002.0		High pressure for units from 1100 l/h.
Nozzle insert up to 1100 l/h - low pressure	13	4.769-001.0	4.769-001.0		Low pressure for units up to 1100 l/h.
Nozzle insert from 1100 l/h - ND	14	4.769-006.0	4.769-006.0		Low pressure for units from 1100 l/h.
<b>Machine-specific nozzle kit with order no. 3.637-170.0</b>					
Nozzle kit HD 500-700 l/h	15	4.769-045.0	4.769-045.0		Consists of nozzle insert + HP power nozzle + coupling.
Nozzle kit 500-700 l/h	16	4.769-046.0	4.769-046.0		
Nozzle kit 750-1000 l/h	17	4.769-047.0	4.769-047.0		
Nozzle kit 1000-1200 l/h	18	4.769-048.0	4.769-048.0		

□ Available accessories. More Kärcher original accessories can be found on the following pages.



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## ATTACHMENT KITS



With different attachment kits, machines can be adapted to the requirements of specific areas of use. For example, the crane loading attachment kit makes it easy to transport the machine to construction sites. With the coin remote control attachment kit, 3-phase HDS Middle and Super class machines can be used for self-service operation. The grey wheel attachment kit makes the machines suitable for use in the food industry or swimming pools.

		Order No. EASY!Lock	Order No. until 2015	Price	Description
Crane lifting kit					
Crane loading attachment kit for HDS Compact class	1	2.642-638.0	2.642-638.0		Effortless loading by crane.
Crane loading kit for HD Super class	2	2.640-438.0	2.640-438.0		
Crane loading attachment kit for HDS Middle and Super class	3	2.642-424.0	2.642-424.0		
Wheel mounting kit					
Wheel attachment kit for HDS 1000 Be/De	4	2.637-820.0	2.637-820.0		Convenient manoeuvrability with pneumatic tyres.
Grey wheel kit					
Grey wheel kit HDS M/S	5	2.641-975.0	2.641-975.0		Non-marking grey wheels suitable for use in sanitary areas, food industry or swimming pools.
Flame monitoring attachment kit					
Flame monitoring attachment kit for HDS Compact class	6	2.642-711.0	2.642-711.0		A light sensor monitors the burner flame. The fuel supply is shut off if the flame goes out.
Flame monitoring attachment kit for HDS M/S	7	2.641-796.0	2.641-796.0		
Water filter set					
Water filter attachment kit for HD 25/15-4 Cage Plus	8	2.851-065.0	2.851-065.0		For HD 25/15-4 Cage Plus.
Water filter attachment kit for HD 20/15-4 and HD 16/15-4 Cage Plus	9	2.851-252.0	2.851-252.0		For HD 20/15-4 and HD 16/15-4 Cage Plus.
Elapsed time counter set					
Add-on hour counter	10	2.851-066.0	2.851-066.0		The operating hour counter meters the operating time for contractors and machine hire companies. It also makes it easier to check when the unit needs servicing.
Y distributor					
Y distributor	11	4.111-024.0	4.405-048.0		Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.
Set of puncture-proof wheels					
Set of puncture-proof wheels	12	2.851-067.0	2.851-067.0		The foam-filled wheels combine the ride comfort of pneumatic wheels and the puncture protection of solid rubber wheels.
Set of guide rolls					
Set of guide rolls	13	2.851-042.0	2.851-042.0		Two steering rollers for even better mobility and manoeuvrability.
Chemical take-up set					
Chemical take-up set	14	2.641-944.0	2.641-944.0		Extension for cleaning agent suction from drums at ground level.

□ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No. EASY!Lock	Order No. until 2015	Price	Description
Foam lance holder set					
Foam lance holder set	15	2.641-947.0	2.641-947.0		Additional spray lance for safe storage, e.g. of the Inno foam lance.
Accumulator kits					
Add-on accumulator for HDS M/S	16	2.641-803.0	2.641-803.0		The pressure tank can also be mounted on the HDS machine in order to dampen any pressure surges and thus protect the line system of the machine.
Remote control set					
Remote control attachment kit, HDS-M class	17	2.642-157.0	2.642-157.0		Remote control for the machines of the HDS Middle and Super class with the functions on/off, hot/cold water and cleaning agent on/off. For mounting to a wall.
Coin-op remote control					
Coin remote control attachment kit, HDS-M class	18	2.642-158.0	2.642-158.0		Retrofittable coin acceptor for machines in the HDS Middle and Super class for self-service operation. For installation on the machine.
Cage frame attachment kit					
Cage frame attachment kit, large	19	2.637-007.0	2.637-007.0		Robust cage frame for the machines in the HD Gasoline Advanced range to protect the components, incl. eyelets for loading by crane.
Cage frame attachment kit, small	20	2.637-008.0	2.637-008.0		
Starting current limiter					
Starting current limiter	21	2.637-495.0	2.637-495.0		For reducing the inrush current with single-phase AC and protection of the line fuse.

☐ Available accessories. More Kärcher original accessories can be found on the following pages.



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## OTHER ACCESSORIES



Kärcher high-pressure cleaners can deliver good results even without access to the water mains. We offer a range of high-performance fine-mesh filters for use with industrial water or natural water sources. Additional professional accessories further expand the scope of applications of Kärcher high-pressure cleaners.

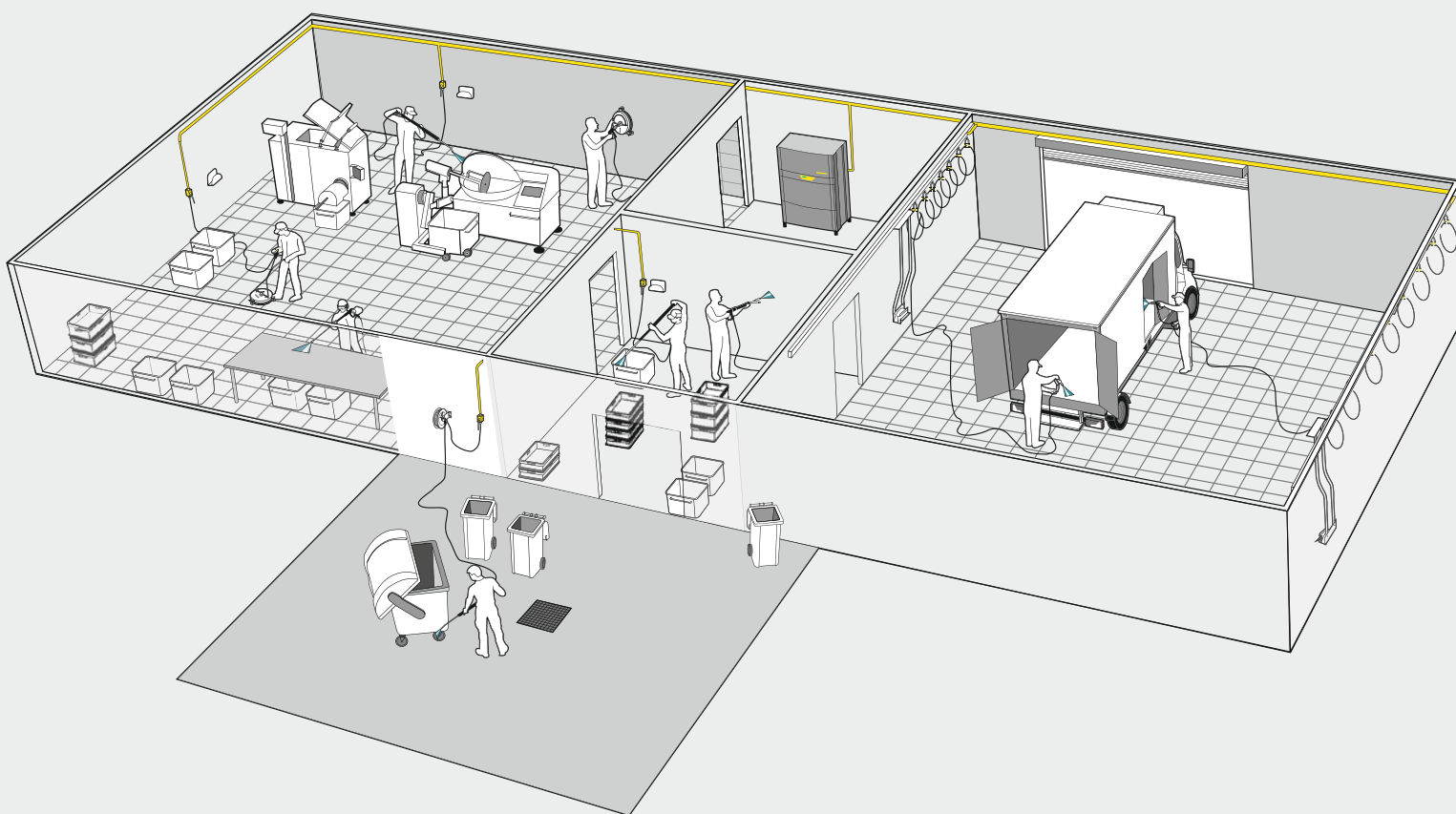
		Order No. EASY!Lock	Order No. until 2015	Length	Price	Description
<b>Water supply hose</b>						
Water supply hose	1	4.440-038.0	4.440-038.0	7.5 m		NW 13 R 1" / R 3/4", up to 30°C.
	2	4.440-207.0	4.440-207.0	7.5 m		NW 19 R 1" / R 3/4", up to 85°C, for vacuuming operation with copper strand for earthing the machine.
	3	4.440-270.0	4.440-270.0	7.5 m		ID 19 R 1" / R 1", up to 85°C.
<b>Geka coupling</b>						
Geka connector with hose barb, R 1/2"	4	6.388-461.0	6.388-461.0			With hose barb, R 1/2".
Geka connector with hose barb, R 3/4"	5	6.388-455.0	6.388-455.0			With hose barb, R 3/4".
Geka connector with hose barb, R 1"	6	6.388-465.0	6.388-465.0			With hose barb, R 1".
Geka connector with inner thread, R 3/4"	7	6.388-473.0	6.388-473.0			With inner thread, R 3/4".
Geka connector with internal thread, R 1"	8	6.388-458.0	6.388-458.0			With inner thread, R 1".
<b>Water fine filter</b>						
Water fine filter, 100 µm, R 3/4"	9	2.637-691.0	2.637-691.0			Installation on unit input, 100 µm, R 3/4".
Water fine filter, 90-120 µm, R 1", suitable for pressure and vacuuming operation	10	2.638-255.0	2.638-255.0			Mounted on the machine, suitable for pressure and vacuuming operations, 90-120 µm, R 1".
Water fine filter, with adapter	11	4.730-102.0	4.730-102.0			Installation on unit input, 125 µm, with adapter R 3/4" / R 1".
Water fine filter, 100 µm, R 1"	12	2.638-270.0	2.638-270.0			Installation on unit input, 100 µm, R 1".
<b>Suction filter</b>						
Water suction filter	13	6.414-956.0	6.414-956.0			Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve.
Suction filter with check valve	14	4.730-012.0	4.730-012.0			With non-return valve, brass, R 1" connection.
<b>Backflow check valve</b>						
Backflow preventer	15	2.641-374.0	2.641-374.0			To prevent cleaning agent from entering the drinking water circuit when there is a vacuum in the water line. Hot water-resistant up to 80°C - certified according to IEC 60335-2-79. Built-in leakage protection, connector R 1" / R 3/4".

□ Available accessories. More Kärcher original accessories can be found on the following pages.

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## HIGH PRESSURE AT YOUR FINGERTIPS

Our stationary high-pressure units deliver impressive cleaning results in a wide variety of industries and applications due to their high power, efficiency and durability. Applications include all areas of food processing, the automotive industry and vehicle repair shops, the chemical and metal processing industry, municipal facilities like swimming pools and maintenance hangars, as well as livestock farming and agricultural vehicle care. And most certainly in your work area.



### Table of contents: Stationary high-pressure cleaners

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HDC Advanced / Standard – multiple-lance operation	Page 170
HDC Classic – multiple-lance operation	Page 171
Stationary HD – single-lance operation	Page 172
Accessories	Page 176
Cleaning agents	Page 764





### One solution for an entire company

For many industrial and commercial sectors, as well as the public sector, stationary high-pressure units are essential. In the food processing industry, disinfection ensures compliance with legal requirements. For many other sectors, it is equally efficient and economical. From car workshops and fleet companies to shipping and aviation. In commercial kitchens, drinks and meat processing, wineries and agriculture. From the metalworking, chemical and pharmaceutical industries to paper manufacture. In swimming pools and sanitary facilities of all kinds. Wherever you want to use high-pressure cleaning – our experts for stationary high-pressure units will be happy to give you professional advice in the planning of your stationary system.

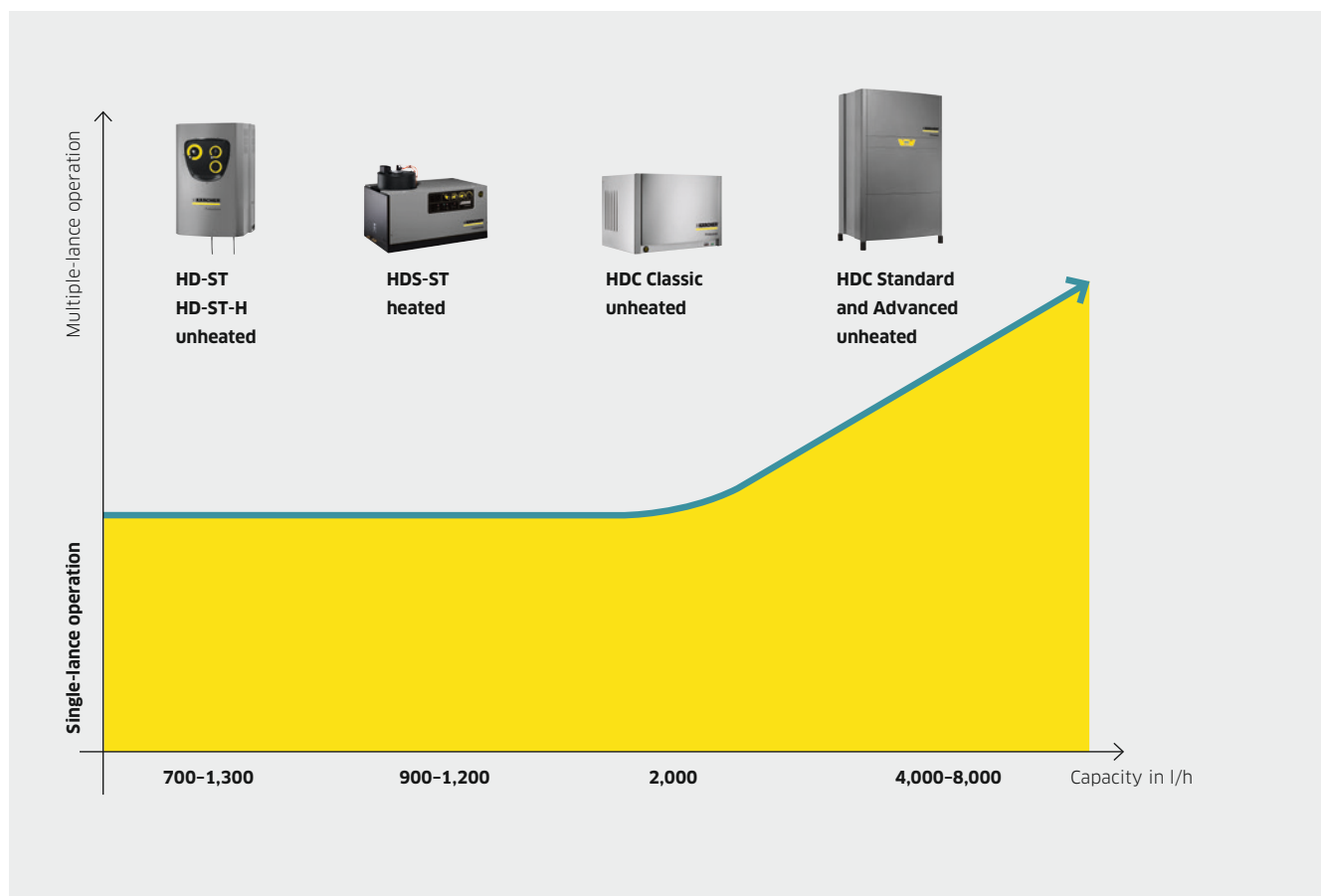
### Convenient, safe and always ready to use

High-pressure cleaning systems are an excellent investment. Only one machine to service. Reduced cleaning times without setting up. No need to transport the machine. Space-saving design. With these features, stationary high-pressure units ensure operational safety and work protection by shielding employees from noise and exhaust gases. Prevention of erroneous operation by unauthorised persons. Kärcher offers a comprehensive range of accessories for wash bays to suit individual requirements and virtually unlimited applications. And, last but not least, expert installation and technical monitoring ensure comprehensive system safety.



	Order No.	Supply voltage (phases)	Flow rate (l/h)	Working pressure (bar/MPa)	3-piston axial pump	Crankshaft pump	Ceramic piston	Stainless steel pistons	four-pole engine (low-speed machine)	Advance pressure pump	Exhaust gas thermostat	Low fuel sensor	Pressure relief	SDS hose / Pressure tank	Dry-running protection	Flame monitoring	Calcification protection	Stainless steel heating coil	Servo Control	Servo Control ready	Remote control ready	Spray gun	High-pressure hose	Spray lance	Triple nozzle	Page
Stationary hot water high-pressure cleaners, single-lance operation																										
HDS 12/14-4 ST	1.699-921.0	3	600-1,200	30-140 / 3-14	■	■	■	■	-	■	■	■	■	■	■	■	■	-	-	■	■	-	-	-	-	169
HDS 12/14-4 ST Gas	1.251-901.0	3	600-1,200	30-140 / 3-14	■	■	■	■	-	■	■	■	■	■	■	■	■	■	-	-	■	■	-	-	-	169
HDS 12/14-4 ST Gas LPG	1.251-902.0	3	600-1,200	30-140 / 3-14	■	■	■	■	-	■	■	■	■	■	■	■	■	■	-	-	■	■	-	-	-	169
HDS 9/14-4 ST	1.698-917.0	3	500-930	30-140 / 3-14	■	■	■	■	-	■	■	■	■	■	■	■	■	■	-	-	■	■	-	-	-	169
HDS 9/16-4 ST Gas	1.251-900.0	3	500-960	30-160 / 3-16	■	■	■	■	-	■	■	■	■	■	■	■	■	■	-	-	■	■	-	-	-	169
Stationary cold water high-pressure cleaners, 60/85°C, multiple-lance operation																										
HDC 120/10	1.509-502.2	3	700-12,000	100 / 10	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	170
HDC 90/10	1.509-502.2	3	700-9,000	100 / 10	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	170
HDC 60/10	1.509-502.2	3	700-6,000	100 / 10	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	170
HDC 80/16	1.509-500.2	3	700-8,000	160 / 16	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	170
HDC 80/08	1.509-500.2	3	700-8,000	80 / 8	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	170
HDC 60/16	1.509-500.2	3	700-6,000	160 / 16	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	170
HDC 60/08	1.509-500.2	3	700-6,000	80 / 8	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	170
HDC 40/16	1.509-500.2	3	700-4,000	160 / 16	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	170
HDC 40/08	1.509-500.2	3	700-4,000	80 / 8	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	170
HDC 20/16	1.509-501.2	3	700-2,000	160 / 16	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	171
HDC 20/08	1.509-501.2	3	700-2,000	80 / 8	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	171
Stationary cold water high-pressure cleaners, single-lance operation																										
HD 13/12-4 ST	1.524-950.2	3	650-1,300	30-120 / 3-12	■	■	■	■	□	-	-	□	□	□	-	□	-	□	■	■	■	■	■	■	■	174
HD 9/18-4 ST	1.524-950.2	3	460-900	40-180 / 4-18	■	■	■	■	□	-	-	□	■	□	-	□	-	□	■	■	■	■	■	■	■	174
HD 7/16-4 ST	1.524-950.2	3	300-700	30-160 / 3-16	■	■	■	■	□	-	-	□	■	□	-	□	-	□	■	■	■	■	■	■	■	174

■ Included in delivery. □ Configurable.



#### Single-lance operation

Stationary high-pressure units for single-lance operation offer the option to set up several points of use or only one point of use for cold or hot water. These systems are therefore particularly suitable for small and medium-sized companies, e.g. in the automotive, food or agricultural sector.

#### Multiple-lance operation

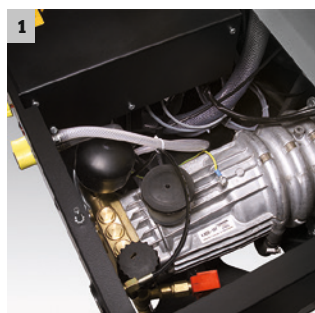
For increased cleaning requirements, Kärcher offers solutions that enable different areas to be cleaned simultaneously. From a central supply unit, a constant flow of high-pressure water is conveyed via a pipeline system to fixed points of use and is available in unlimited supply as and when required. Universal, versatile, efficient, safe and economical.

## STATIONARY HDS – SINGLE-LANCE OPERATION

### High cleaning performance and outstanding efficiency



The oil-heated stationary cleaning systems offer a very high heating output. Furthermore, these machines offer a high level of safety thanks to features such as automatic pressure relief, exhaust temperature monitoring, innovative dry-run protection and SDS hose for absorbing pressure peaks. The gas-heated stationary high-pressure cleaning systems offer the benefit of efficient and eco-friendly combustion.



#### 1 Water-cooled four-pole electric motor

- Long service life.
- Improved effectiveness.
- Guaranteed quiet operation.



#### 2 Innovative burner engineering

- High heating output.
- Spiral heating coil for a compact construction style.
- Upright construction style prevents condensation and corrosion.



#### 3 High efficiency

- Efficient and economical cleaning thanks to the use of hot water.
- Short set-up times reduce working hours.



#### 4 Flexible operating concept

- Central control panel on the machine.
- Remote controls can be used directly at the point of use.



# TECHNICAL DATA AND EQUIPMENT

HDS 12/14-4 ST		HDS 12/14-4 ST Gas	HDS 12/14-4 ST Gas LPG
<ul style="list-style-type: none"> <li>■ Integrated system pressure relief</li> <li>■ Soft Damping System (SDS)</li> <li>■ Dry-running protection</li> </ul>		<ul style="list-style-type: none"> <li>■ Dry-running protection</li> <li>■ Surface burner technology</li> <li>■ Water-cooled stainless steel boiler with built-in stainless steel heater coil</li> </ul>	<ul style="list-style-type: none"> <li>■ Dry-running protection</li> <li>■ Surface burner technology</li> <li>■ Water-cooled stainless steel boiler with built-in stainless steel heater coil</li> </ul>
<b>Technical data</b>			
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50
Connection load	kW	7.5	7.5
Flow rate	l/h	600-1200	600-1200
Working pressure	bar / MPa	30-140 / 3-14	30-140 / 3-14
Max. temperature	°C	155 / 80	98
Weight	kg	160	170
Dimensions (L × W × H)	mm	1110 × 565 × 700	1110 × 565 × 1080
Heating oil or gas consumption, full load	kg/h	7.3	8.9
<b>Equipment</b>			
Soft Damping System (SDS)	■	■	■
System pressure relief	■	■	■
Flame monitoring	■	■	■
Prepared for Servo Control	■	■	■
Order No.	1.699-921.0	1.251-901.0	1.251-902.0
Price			

■ Included in delivery.

HDS 9/14-4 ST		HDS 9/16-4 ST Gas
<ul style="list-style-type: none"> <li>■ Integrated system pressure relief</li> <li>■ Soft Damping System (SDS)</li> <li>■ Dry-running protection</li> </ul>		<ul style="list-style-type: none"> <li>■ Dry-running protection</li> <li>■ Surface burner technology</li> <li>■ Water-cooled stainless steel boiler with built-in stainless steel heater coil</li> </ul>
<b>Technical data</b>		
Supply voltage	Ph / V / Hz	3 / 400 / 50
Connection load	kW	6.4
Flow rate	l/h	500-930
Working pressure	bar / MPa	30-140 / 3-14
Max. temperature	°C	155 / 80
Weight	kg	140
Dimensions (L × W × H)	mm	1110 × 565 × 690
Heating oil or gas consumption, full load	kg/h	5.8
<b>Equipment</b>		
Soft Damping System (SDS)	■	■
System pressure relief	■	■
Flame monitoring	■	■
Prepared for Servo Control	■	■
Order No.	1.698-917.0	1.251-900.0
Price		

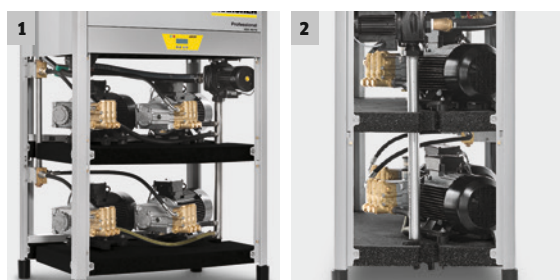
■ Included in delivery.

# HDC ADVANCED / STANDARD – MULTIPLE-LANCE OPERATION

## Highly flexible for all applications



The HDC Standard is highly versatile. Diverse configuration options are available to suit individual requirements.



### 1 Modular design

- The HDC systems can be fitted with up to four pump aggregates upon request. This ensures the utmost flexibility for every purpose of use.

### 2 Intelligent pump control

- Regardless of the required water volume, the control switches other pumps on and off again as required.

		HDC Advanced	HDC Standard
<b>Technical data</b>			
Flow rate	l/h	700-12000	700-8000
Max. pressure	bar / MPa	100 / 10	80 / 160 / 8 / 16
Number of pumps	piece(s)	2 / 4	2 / 4
Number of current phases	Ph	3	3
Voltage	V	400 / others upon request	400 / others upon request
Frequency	Hz	50	50
Connection load	kW	11 / 44	11 / 44
Max. inlet temperature	°C	85	85
Weight	kg	310 / 610	310 / 610
Dimensions (L × W × H)	mm	1150 × 750 × 1840	1150 × 750 × 1840
<b>Configurable equipment</b>			
<b>Frame:</b>			
Powder-coated steel		<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel		<input type="checkbox"/>	<input type="checkbox"/>
<b>Machine cover:</b>			
Powder-coated steel		<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel		<input type="checkbox"/>	<input type="checkbox"/>
Order No.		1.509-502.2	1.509-500.2
Price			

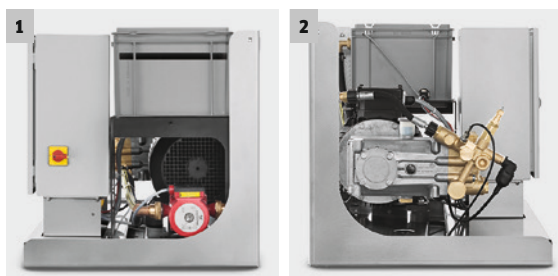
☐ Compatible accessories.

# HDC CLASSIC – MULTIPLE-LANCE OPERATION

## For up to three operators



Whether it be the food industry, a manufacturing enterprise or a local authority, the HDC Classic provides smaller businesses with a simple, on-demand system for up to three operators.



### 1 Water network separation through preflow container

- Any intake of air is avoided as the water is allowed to settle in the preflow container. This protects the pump.

### 2 Automatic start function

- The pump starts as soon as the trigger gun is activated, allowing convenient working from any supply point.

### HDC Classic

Technical data		
Flow rate	l/h	700–2000
Max. pressure	bar / MPa	80 / 160 / 8 / 16
Number of pumps	piece(s)	1
Number of current phases	Ph	3
Voltage	V	400 / others upon request
Frequency	Hz	50
Connection load	kW	5.5 / 11
Max. inlet temperature	°C	85
Weight	kg	135 / 150
Dimensions (L × W × H)	mm	860 × 595 × 580

### Configurable equipment

#### Frame:

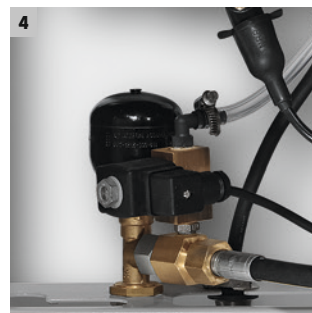
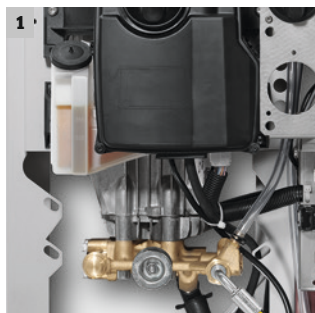
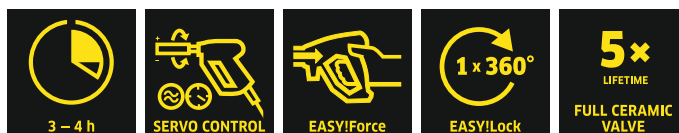
Powder-coated steel	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>
Machine cover:	
Powder-coated steel	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>
Order No.	1.509-501.2
Price	

☐ Compatible accessories.

# STATIONARY HD – SINGLE-LANCE OPERATION

## The tailor-made cleaning solution

Compact stationary high-pressure cleaners that can be configured to suit individual customer requirements. This stationary model series offers the benefits of short set-up times, space-saving storage and individual configuration of cleaning stations.



### 1 Individual configuration

- For low investment costs: simply choose a basic unit and select the required equipment features.
- Over 50 accessory parts for optimum equipment at the point of use.

### 2 Excellent cleaning power with hot water supply

- Up to 70°C water inlet temperature even in the entry-level model.
- HWE 860 can also be used to supply the high-pressure cleaner with hot water.

### 3 Most equipment features and accessory parts can easily be retrofitted at any time

- Various equipment features can be retrofitted at any time.
- Easy installation.
- Simple Plug 'n' Play system.

### 4 Built to last and retain value

- Four-pole low-speed electric motor.
- Hard-wearing ceramic pistons.
- Large pressure tank protects all pressure-loaded components.



# INDIVIDUAL CONFIGURATION

**H-version with  
water inlet temperature  
up to 85°C**

**Frame and casing:**  
powder-coated or stainless steel

**Attachment kits:**

Liquid softener dosing unit  
Dry-running protection  
Automatic pressure relief  
Elapsed time counter

**Basic versions:**

HD 13/12-4 ST  
HD 9/18-4 ST  
HD 7/16-4 ST



**Cleaning agents and remote control:**

Remote control ready for dispensing 1 cleaning agent at low pressure  
Remote control ready for dispensing 1 cleaning agent at high pressure  
Remote control ready for dispensing 2 cleaning agents at low pressure  
Remote control ready for dispensing 2 cleaning agents at high pressure



**Liquid softener dosing unit**  
Protects the pump from calcification in hot water operation.



**Automatic pressure relief**  
Relieves all high-pressure components and reduces wear and tear.



**Dry-running protection**  
Switches off the high-pressure pump in the event of water shortage to safeguard against damage.



**Elapsed time counter**  
Displays the number of hours the machine has been in operation.

## TECHNICAL DATA AND EQUIPMENT

There are three basic versions to choose from: HD 13/12-4 ST, HD 9/18-4 ST and HD 7/16-4 ST. The HWE 860 hot water generator can also be used upstream with all H versions.



		HD 13/12-4 ST	HD 9/18-4 ST	HD 7/16-4 ST	HWE 860
		<ul style="list-style-type: none"> <li>■ Compact model</li> <li>■ Includes complete spray unit</li> <li>■ Single-lance operation</li> </ul>	<ul style="list-style-type: none"> <li>■ Compact model</li> <li>■ Includes complete spray unit</li> <li>■ Single-lance operation</li> </ul>	<ul style="list-style-type: none"> <li>■ Compact model</li> <li>■ Includes complete spray unit</li> <li>■ Single-lance operation</li> </ul>	<ul style="list-style-type: none"> <li>■ 55 l stainless steel tank</li> <li>■ Electrically heated water heater (80°C)</li> <li>■ With safety thermostat and water shortage protection</li> </ul>
<b>Technical data</b>					
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Flow rate	l/h	650-1300	460-900	300-700	min. 1000
Working pressure	bar/MPa	30-120 / 3-12	40-180 / 4-18	30-160 / 3-16	-
Max. pressure	bar/MPa	150 / 15	210 / 21	190 / 19	-
Max. inlet temperature	°C	70	70	70	80
Connection load	kW	6.4	6.4	4.4	24
Weight	kg	72	62.5	53	42
Dimensions (L × W × H)	mm	533 × 790 × 420	533 × 790 × 420	533 × 790 × 420	440 × 508 × 751
<b>Equipment - Standard</b>					
Spray gun		EASY!Force Advanced	EASY!Force Advanced	EASY!Force Advanced	-
High-pressure hose	m	10	10	10	-
Spray lance	mm	1050	1050	1050	-
Triple nozzle		■	■	■	-
Servo Control ready		■	■	■	-
Order No.		1.524-950.2	1.524-950.2	1.524-950.2	3.070-030.0
Price					

■ Included in delivery.

## ATTACHMENT KITS

After selecting the basic version, it can be adapted with various attachment kits and accessories to meet specific customer requirements. Various configuration options are shown in the following table:



	HD 13/12-4 ST	HD 9/18-4 ST	HD 7/16-4 ST
<b>Configuration - optional</b>			
Water inlet temperature 85°C: for stubborn or greasy dirt. Includes advance pressure pump and adjustment of the high-pressure pump	85	85	85
Liquid softener dosing unit: protects high-pressure pump from calcification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel chassis: corrosion-resistant and easy to clean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dry-running protection: protects the high-pressure pump in the event of water shortage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure relief: relieves all high-pressure system components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elapsed time counter: displays the number of hours the machine has been in operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remote control ready for dispensing 1 cleaning agent. Application with low-pressure jet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remote control ready for dispensing 1 cleaning agent. Application with high-pressure jet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remote control ready for dispensing 2 cleaning agents. Application with low-pressure jet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remote control ready for dispensing 2 cleaning agents. Application with high-pressure jet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Optional accessories.

# ACCESSORIES FOR STATIONARY HIGH-PRESSURE CLEANERS



Wherever high demands are regularly placed on cleaning performance, stationary systems demonstrate their strengths. And in many different areas of use.

		Order No. until 2015	Order No. EASY!Lock	Price	Version	Order No. from 2015	Order No. EASY!Lock	Price
<b>Unit list/set-up</b>								
Wall bracket	1	2.053-005.0	-		-	-		
Floor structure	2	2.210-058.0	-		Version VA.	2.210-059.0		
Floor structure	3	2.210-008.0	-		-	-		
Floor structure HDC	4	2.641-736.0	-		Floor structure, 4 × floor screw connections, incl. fastening material.	-		
HDC floor screw connections	5	2.638-320.0	-		1 set of floor screw connections.	-		
Feet, adjustable	6	2.638-177.0	-		-	-		
Water hose, 1.5 m, ID 13	7	6.389-145.0	-		-	-		
Water hose, 1.5 m, ID 19, R 1"	8	4.440-733.0	-		-	-		
Water hose, 1.5 m, ID 13, R 3/4"	9	4.440-282.0	-		-	-		
Water inlet solenoid valve	10	4.743-011.0	-		-	-		
Water inlet solenoid valve	11	2.209-788.0	-		-	-		
High-pressure hose, 1.5 m, ID 8, incl. connection parts	12	6.390-178.0	-		-	-		
Cleaning agent container, 60 l, empty	13	5.070-078.0	-		-	-		
Emergency off switch	14	2.744-002.0	-		-	-		
High-pressure hose, 1.5 m, ID 8, incl. connection parts, curved outflow	15	6.388-886.0	-		-	-		
Water filter attachment kit (heat-resistant up to 85°C)	16	2.209-806.0	-		-	-		
Filter inlay 250 µm for 2.209-806.0	17	6.414-977.0	-		-	-		
Main switch	18	6.631-455.0	-		-	-		
<b>Attachment kits</b>								
Liquid softener dosing unit	19	2.209-777.0	-		-	-		
Pressure relief	20	2.209-773.0	-		-	-		
Elapsed time counter	21	2.209-778.0	-		-	-		
Remote control ready LP, 1 cleaning agent	22	2.209-779.0	-		-	-		
Remote control ready LP, 1 + 2 cleaning agents	23	2.209-780.0	-		-	-		
Remote control ready HP, 1 cleaning agent	24	2.209-799.0	-		-	-		
Remote control ready HP, 1 + 2 cleaning agents	25	2.209-800.0	-		-	-		
Remote control ready HP, 1 cleaning agent	26	2.637-779.0	-		-	-		
Remote control ready HP, 2 cleaning agents	27	2.637-717.0	-		-	-		
<b>Hot water generation</b>								
Time switch attachment kit	28	2.637-774.0	-		For hot water generator HWE 860.	-		
Hot/cold switching attachment kit (suction water)	29	2.209-805.0	-		For hot water generator HWE 860.	-		
<b>Water inlet</b>								
Free-flow valve	30	6.412-021.0	-		ID 20, R 3/4", internal thread.	-		
Double male coupling, brass	31	6.387-239.0	-		ID 20, R 3/4", external thread.	-		
Bushing, zinc-coated	32	7.387-151.0	-		ID 25, R 1", internal thread (if shut-off device).	-		
Screw-in piece	33	6.386-010.0	-		ID 20, R 3/4"-R 1", external thread.	-		
Free-flow valve	34	6.412-022.0	-		ID 25, R 1", internal thread.	-		
Nut, zinc-coated	35	6.385-245.0	-		ID 25, R 1", internal thread (if shut-off device).	-		
Double male coupling, brass	36	6.386-011.0	-		ID 25, R 1" - R 1 1/4", external thread.	-		
Free-flow valve	37	6.412-023.0	-		ID 32, R 1 1/4", internal thread.	-		
Bushing, zinc-coated	38	6.385-246.0	-		ID 32, R 1 1/4", internal thread (if shut-off device).	-		

□ Optional accessories. More Kärcher original accessories can be found on the following pages.

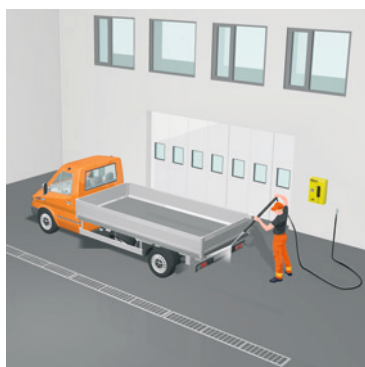


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		Order No. until 2015	Order No. EASY!Lock	Price	Version	Order No. from 2015	Order No. EASY!Lock	Price
Double male coupling, brass	39	6.387-375.0	-		ID 32, R 1 1/4", external thread.	-	-	
Free-flow valve	40	6.412-024.0	-		ID 40, R 1 1/2", internal thread.	-	-	
Reduction bushing, zinc-coated	41	6.385-247.0	-		ID 40, R 1 1/2"-R 1 1/4", internal thread (if shut-off device).	-	-	
Double male coupling, brass	42	5.409-598.0	-		ID 40, R 1 1/2", external thread.	-	-	
Free-flow valve	43	6.412-031.0	-		ID 50, R 2", internal thread.	-	-	
Bushing, zinc-coated	44	6.385-248.0	-		ID 50, R 2", internal thread (if shut-off device).	-	-	
Double male coupling, brass	45	5.409-617.0	-		ID 50, R 2", external thread.	-	-	
<b>High-pressure line</b>								
Connection thread, steel, zinc-coated	46	2.638-180.0	-		Version VA.	2.638-181.0	-	
Shut-off valve, steel, zinc-coated	47	4.580-144.0	-		Version VA.	4.580-163.0	-	
Pipeline set, steel, zinc-coated, 3 m	48	2.420-004.0	-		Version VA.	2.420-006.0	-	
T-screw connections, steel, zinc-coated	49	6.386-269.0	-		Version VA.	6.386-465.0	-	
Elbow union, steel, zinc-coated	50	6.386-356.0	-		Version VA.	6.386-466.0	-	
Pipe insulation, per running metre	51	6.286-147.0	-		-	-	-	
Transition piece, steel, zinc-coated	52	2.638-182.0	-		Version VA.	2.638-183.0	-	
Quick coupling, fixed part	53	6.463-025.0	-		Loose part.	6.463-023.0	-	
Union nut, steel, zinc-coated	54	6.386-423.0	-		Version VA.	6.386-428.0	-	
Cutting ring	55	6.386-357.0	-		-	-	-	
HP ball tap, nickel-plated	56	6.412-066.0	-		ID 13, R 1/2", PN 315, internal thread.	-	-	
HP ball tap, stainless steel	57	6.412-491.0	-		ID 15, R 1/2", PN 140, internal thread.	-	-	
HP ball tap, stainless steel	58	6.413-500.0	-		ID 13, R 1/2", PN 400, internal thread.	-	-	
Double connector, brass	59	5.402-001.0	-		R 1/2" × M 22 × 1.5 mm.	-	-	
HP ball tap, nickel-plated	60	6.412-067.0	-		ID 20, R 3/4", PN 315, internal thread.	-	-	
HP ball tap, stainless steel	61	6.413-503.0	-		ID 20, R 3/4", PN 350, internal thread.	-	-	
Bushing, zinc-coated	62	6.979-093.0	-		ID 20, R 3/4", PN 200, internal thread.	-	-	
Double male coupling	63	5.403-055.0	-		ID 20, R 3/4"-M 30 × 1.5 mm, external thread.	-	-	
HP ball tap, nickel-plated	64	6.412-068.0	-		ID 25, R 1", PN 315, internal thread.	-	-	
HP ball tap, stainless steel	65	6.412-493.0	-		ID 25, R 1", PN 140, internal thread.	-	-	
HP ball tap, stainless steel	66	6.413-502.0	-		ID 25, R 1", PN 350, internal thread.	-	-	
Bushing, zinc-coated	67	6.979-094.0	-		ID 25, R 1", PN 160, internal thread.	-	-	
Double male coupling	68	5.403-057.0	-		ID 25, R 1"-M 30 × 1.5 mm, external thread.	-	-	
HP ball tap, nickel-plated	69	6.413-505.0	-		ID 32, R 1 1/4", PN 400, internal thread.	-	-	
HP ball tap, stainless steel	70	6.413-501.0	-		ID 32, R 1 1/4", PN 400, internal thread.	-	-	
Bushing, zinc-coated	71	6.979-095.0	-		ID 32, R 1 1/4", PN 160, internal thread.	-	-	
Double male coupling	72	5.403-176.0	-		ID 32, R 1 1/4"-M 38 × 1.5 mm, external thread.	-	-	

□ Optional accessories. More Kärcher original accessories can be found on the following pages.

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		Order No. until 2015	Order No. EASY!Lock	Price	Version	Order No. from 2015	Order No. EASY!Lock	Price
<b>Point of use</b>								
EASY!Force HD trigger gun	73	-	4.118-005.0		-	-	-	
Easy Press HD trigger gun with soft grip	74	4.775-463.0	-		-	-	-	
Easy Press trigger gun, black	75	4.775-466.0	-		For Servo Press operation.	-	-	
Easy Press trigger gun, grey	76	4.775-784.0	-		For Servo Press operation, food industry.	-	-	
Industrial trigger gun	77	4.775-823.0	4.118-011.0		Without Servo Press operation.	-	-	
Industrial trigger gun, grey	78	4.775-825.0	-		Without Servo Press operation, food industry.	-	-	
Servo Control controller	79	4.775-470.0	4.118-008.0		-	-	-	
Servo Control controller	80	4.775-471.0	4.118-009.0		-	-	-	
Rotatable spray lance, 600 mm	81	4.760-664.0	4.112-007.0		-	-	-	
Rotatable spray lance, 1050 mm	82	4.760-660.0	4.112-000.0		-	-	-	
Spray lance, stationary, grey, 600 mm	83	4.760-625.0	-		Food industry.	-	-	
Spray lance, stationary, grey, 1050 mm	84	4.760-626.0	-		Food industry.	-	-	
Spray lance, stationary, grey, 1550 mm	85	4.760-627.0	-		Food industry.	-	-	
Spray lance, stationary, grey, 2050 mm	86	4.760-628.0	-		Food industry.	-	-	
Variable pressure spray lance, 960 mm	87	6.394-665.0	-		For cleaning agent application.	-	-	
Power nozzle, 25° spray angle	88	2.883-402.0	2.113-026.0		25060	-	-	
Power nozzle, 25° spray angle	89	2.883-408.0	2.113-017.0		25100	-	-	
Power nozzle, 25° spray angle	90	2.883-401.0	2.113-025.0		25055	-	-	
Power nozzle, 25° spray angle	91	2.883-829.0	2.113-008.0		25043	-	-	
Power nozzle, 25° spray angle	92	2.883-406.0	2.113-015.0		25080	-	-	
Triple nozzle 043	93	4.767-152.0	4.117-035.0		-	-	-	
Triple nozzle 055	94	4.767-066.0	4.117-039.0		-	-	-	
Triple nozzle 100	95	4.767-205.0	4.117-041.0		-	-	-	
High-pressure hose, 10 m, ID 8, AVS trigger gun connection	96	6.390-025.0	6.110-031.0		20 m.	6.390-171.0	6.110-032.0	
High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection	97	6.391-351.0	6.110-038.0		20 m.	6.390-208.0	6.110-027.0	
High-pressure hose Longlife 400, 10 m, ID 8, incl. rotary coupling	98	6.388-083.0	6.110-038.0		20 m without rotary coupling.	6.390-027.0	6.110-027.0	
High-pressure hose, 10 m, ID 8, food design, extension piece	99	6.391-864.0	6.110-053.0		20 m.	6.391-887.0	6.110-054.0	
Hose and spray lance holder VA	100	2.042-003.0	-		-	-	-	
Emergency off switching element	101	6.635-434.0	-		For installation in remote control.	2.744-015.0 / -011.0	-	
Emergency off switch	102	6.651-485.0	-		For installation in remote control.	2.744-015.0 / -011.0	-	
Quick coupling	103	6.401-458.0	6.115-000.0		-	-	-	
Male coupling	104	6.401-459.0	6.115-001.0		-	-	-	
Nozzle screws	105	5.401-210.0	5.394-123.0		-	-	-	
Hose connector	106	4.403-002.0	4.111-037.0		-	-	-	
Central cleaning agent supply	107	3.910-005.0	-		-	-	-	
Complete dual dosing unit, stainless steel	108	2.641-702.0	-		-	-	-	
Wall bracket for storage	109	2.641-703.0	-		-	-	-	
Mobile cleaning agent unit	110	2.641-704.0	-		-	-	-	

■ Included in delivery. □ Optional accessories. More Kärcher original accessories can be found on the following pages.



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		Order No. until 2015	Order No. EASY!Lock	Price	Version	Order No. from 2015	Order No. EASY!Lock	Price
<b>Central cleaning agent supply</b>								
Complete dual dosing unit, stainless steel	111	2.440-001.0	-		-	-	-	
Wall bracket for storage	112	4.730-033.0	-		-	-	-	
Mobile cleaning agent unit	113	4.421-208.0	-		-	-	-	
Fuel oil tank, 700 l	114	6.392-071.0	-		-	-	-	
Heating oil suction pipeline	115	4.421-068.0	-		-	-	-	
Flexible gas hose	116	6.388-228.0	-		-	-	-	
Gas stopcock	117	6.412-389.0	-		-	-	-	
Gas pressure meter	118	6.421-059.0	-		-	-	-	
<b>Control cable</b>								
Control cable, 3 × 1.5 mm <sup>2</sup>	119	6.641-059.0	-		-	-	-	
Control cable, 7 × 1.5 mm <sup>2</sup>	120	6.641-064.0	-		-	-	-	
Control cable, 10 × 1.5 mm <sup>2</sup>	121	6.641-082.0	-		-	-	-	
Control cable, 12 × 1.0 mm <sup>2</sup>	122	6.647-222.0	-		-	-	-	
Installation tube	123	2.420-008.0	-		-	-	-	
Clamp	124	6.373-377.0	-		-	-	-	

☐ Available accessories. More Kärcher original accessories can be found on the following pages.



			HDC 80/16 Standard	HDC 80/08 Standard	HDC 40/16 Standard	HDC 40/08 Standard	HDC 20/08 Classic	HDC 20/16 Classic	HDC 60/08 Standard	HDC 60/16 Standard	HDC 60/10 Adv	HDC 90/10 Adv	HDC 120/10 Adv	HD 7/16-4 ST/H	HD 9/18-4 ST/H	HD 13/12-4 ST/H	HDS 9/14-4 ST	HDS 12/14-4 ST	HDS 9/16-4 ST Gas	HDS 9/16-4 ST Gas LPG	HDS 12/14-4 ST Gas	HDS 12/14-4 ST Gas LPG
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	112																<input type="checkbox"/>	<input type="checkbox"/>				
	113																<input type="checkbox"/>	<input type="checkbox"/>				
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	118																		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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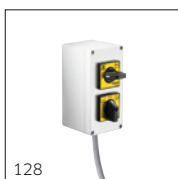


Whether equipment or car pool, interior space or outside area: Kärcher high-pressure cleaners are indispensable for effective care, maintenance and hygiene.

		Order No. until 2015	Order No. EASY!Lock	Price	Version	Order No. from 2015	Order No. EASY!Lock	Price
<b>Remote control</b>								
Junction box for remote control	125	2.209-807.0	-		-	-	-	
Junction box remote control	126	2.209-798.0	-		-	-	-	
Remote control	127	2.637-491.0	-		-	-	-	
Single remote control, on/off, hot/cold, cleaning agent 1+2	128	2.744-008.0	-		-	-	-	
Multiple remote control, on/off, hot/cold, cleaning agent 1+2	129	2.744-011.0	-		In combination with 2.744-036.0.	-	-	
Single remote control, on/off, cleaning agent 1+2	130	2.744-014.0	-		In combination with 2.209-798.0.	-	-	
Multiple remote control, on/off, cleaning agent 1+2	131	2.744-015.0	-		In combination with 2.744-036.0 and 2.209-798.0.	-	-	
Priority switch	132	2.638-200.0	-		-	-	-	
Multiple coin remote control	133	2.642-422.0	-		-	-	-	
Multiple operation control electronics	134	2.744-036.0	-		-	-	-	
Coin acceptor 50 cent	135	2.639-912.0	-		-	-	-	
Coin acceptor €1	136	2.639-913.0	-		-	-	-	
Coin acceptor €2	137	2.639-914.0	-		-	-	-	
Coin acceptor for coins	138	6.768-063.0	-		-	-	-	
Coin set, imprint	139	6.768-169.0	-		-	-	-	
Coin set	140	6.768-172.0	-		-	-	-	
<b>High-pressure cleaner hose guide</b>								
C-rail, per running metre	141	6.233-017.0	-		-	-	-	
Rail connector	142	6.541-011.0	-		-	-	-	
Limit stop	143	6.541-025.0	-		-	-	-	
Cable trolley	144	6.541-026.0	-		-	-	-	
End terminal	145	6.541-028.0	-		-	-	-	
Handle	146	6.541-029.0	-		-	-	-	
Wall bracket	147	6.541-039.0	-		-	-	-	
Rail holder, wall	148	6.541-012.0	-		Ceiling.	6.541-027.0	-	
Spring draw	149	6.542-001.0	-		-	-	-	
Spray lance cart, mobile	150	4.042-610.0	-		-	-	-	
Swivelling boom column	151	2.637-121.0	-		Wall.	2.637-120.0	-	
Swivelling boom, ceiling	152	4.058-106.0	-		-	-	-	
Hose reel, automatic, 20 m, coated	153	2.639-919.0	6.392-106.0		-	-	-	
Hose reel, automatic, 20 m, stainless steel	154	6.391-421.0	6.392-076.0		-	-	-	
Swivel holder	155	2.639-931.0	-		In combination with 6.392-106.0.	-	-	

□ Available accessories. More Kärcher original accessories can be found on the following pages.

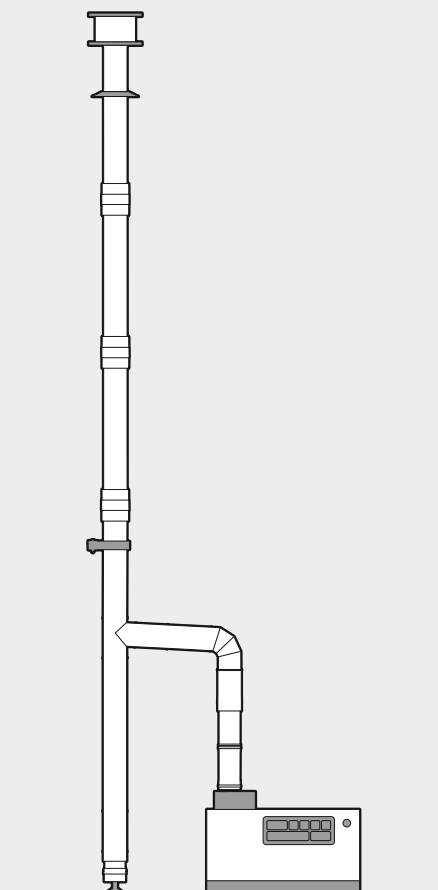




			HDC 80/16 Standard	HDC 80/08 Standard	HDC 40/16 Standard	HDC 40/08 Standard	HDC 20/08 Classic	HDC 20/16 Classic	HDC 60/08 Standard	HDC 60/16 Standard	HDC 60/10 Adv	HDC 90/10 Adv	HDC 120/10 Adv	HD 7/16-4 ST/H	HD 9/18-4 ST/H	HD 13/12-4 ST/H	HDS 9/14-4 ST	HDS 12/14-4 ST	HDS 9/16-4 ST Gas	HDS 9/16-4 ST Gas LPG	HDS 12/14-4 ST Gas	HDS 12/14-4 ST Gas LPG
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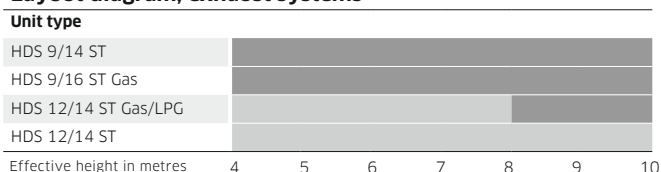
# EXHAUST SYSTEMS FOR STATIONARY HIGH-PRESSURE CLEANERS

The new exhaust system for stationary hot water high-pressure cleaners combines operational safety, efficiency and aesthetics. The double-wall exhaust pipes can be used for both inside and outside areas. In addition, the exhaust system is quick and easy to install, compact and complies with the quality monitoring requirements of ISO 9001 and CE standards.



- Operational safety: through high-quality processing and use of corrosion-resistant stainless steel (V4A) and acid and temperature-resistant seals.
- Efficiency: maximum durability and impressive functionality with low use of materials thanks to the 7.5 mm-thick air-gap insulation.
- Aesthetics: the stainless steel outer cover (V2A) has an attractive finish.

## Layout diagram, exhaust systems



## Exhaust systems:

■ Ø 150 mm    ■ Ø 200 mm

## Exhaust system 150

## Exhaust system 200

Technical data		Safe to operate, efficient and aesthetic	Safe to operate, efficient and aesthetic
Type	Double-wall exhaust pipe	Double-wall exhaust pipe	Double-wall exhaust pipe
Operation (pressure)	Under/overpressure	Under/overpressure	Under/overpressure
Max. emission temperature	°C	250	250
Inner diameter	mm	150	200
Outer diameter	mm	165	215
Inner pipe:			
Material	1.4404 / 1.4571 V4A	1.4404 / 1.4571 V4A	1.4404 / 1.4571 V4A
Material thickness	mm	0.4	0.4
Outer pipe:			
Material	1.4301 V2A	1.4301 V2A	1.4301 V2A
Material thickness	mm	0.4	0.4
Heat insulation	Air-gap insulation 7.5 mm	Air-gap insulation 7.5 mm	Air-gap insulation 7.5 mm

☐ Optional accessories.

## EVEN MORE POWER FOR DEMANDING TASKS: ULTRA HIGH-PRESSURE CLEANERS FROM KÄRCHER

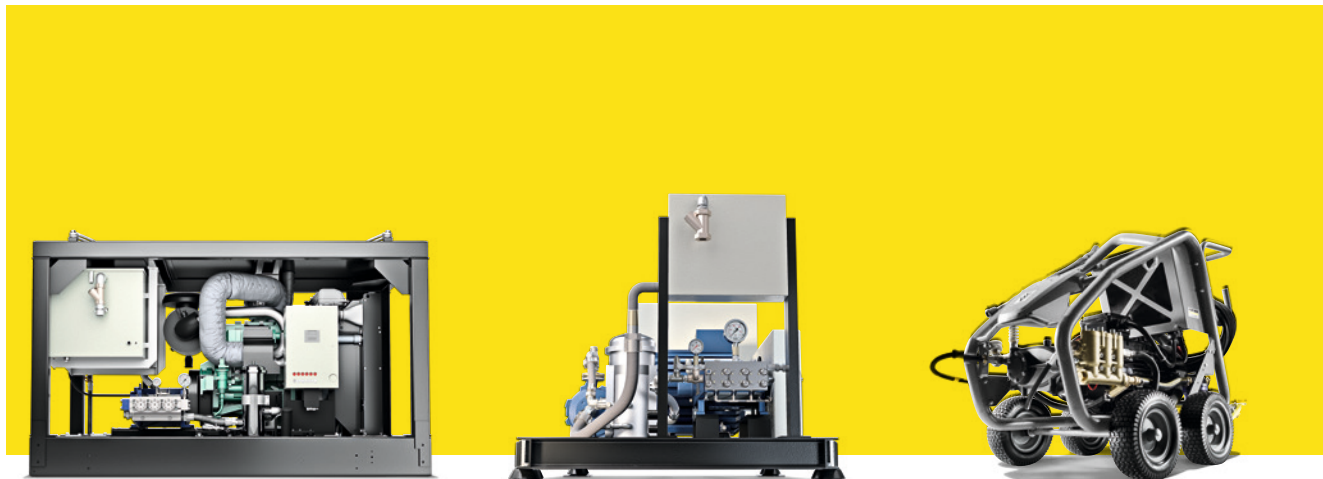
We have combined the expertise of Kärcher and WOMA to give you the perfect ultra high-pressure cleaners for the toughest applications in industry and construction. The result is the new UHP class (Ultra High-Pressure), which ranges from Compact ultra high-pressure cleaners from 350 bar working pressure to the Super class with an outstanding 2,800 bar working pressure. The highly efficient industrial pumps which are used for this originate from our WOMA Competence Center.



### Table of contents: Ultra high-pressure cleaners

UHP Super class	Page	190
UHP Middle class	Page	191
UHP Compact class	Page	192
UHP accessories	Page	196





#### UHP Super class

The class of superlatives: with up to 125 kW power, working pressures of up to 2,800 bar and water flow rates of up to 72 litres per minute.

#### UHP Middle class

The extremely powerful machines cover the power spectrum between 30 kW and 75 kW and therefore achieve a water pressure of up to 1,000 bar.

#### UHP Compact class

The entry-level machines in the UHP classes. The robust and flexible Cage machines generate up to 30 kW power and maximum working pressures of 500 bar.



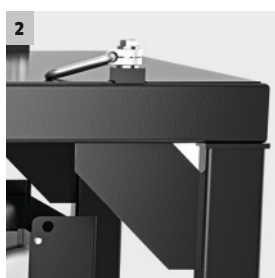
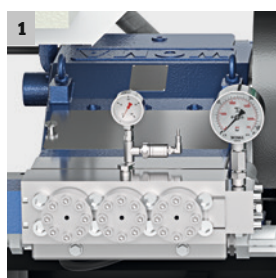
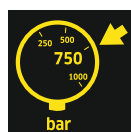
#### How to read the unit names:

Unit type	Flow rate	Working pressure	Motor	Equipment	Equipment
Example: HD	18	/ 50	-4	Cage	Classic
HD = Cold water high-pressure cleaners	× 100 in l/h	in MPa	-4 = 4-pole	Cage = Tubular frame	Classic = Basic version
HDW = WOMA cold water high-pressure cleaners			Ge = Gasoline Engine	Skid = Stationary frame	Adv = Advanced version
			De = Diesel Engine		

# UHP SUPER CLASS

## The new special class: more powerful than ever

With up to 2,800 bar water pressure and high capacities, UHP Super-class machines are the most powerful we have to offer for industrial applications. They remove even the most stubborn deposits, are easy to operate and therefore ideal for use in the oil, gas and construction industries.



### 1 Reliable and durable

- Low-speed industrial pump.
- Monitored pump operation.

### 2 Robust and transportable

- Sturdy frame for protecting components.
- Lifting brackets for easy transport.

## HDW 12/280 De Skid Classic

## HDW 43/75 De Skid Classic

- 2800 bar at 20 l/min
- Very easy manual operation
- Removes the toughest dirt, deposits and coatings

- 750 bar at 72 l/min
- Special accessories required
- Removes the toughest dirt, deposits and coatings

### Technical data

Engine manufacturer		Volvo	Volvo
Motor type		TAD 552 VE - Level 3A	TAD 552 VE - Level 3A
Motor rating	kW	125	125
Flow rate	l/h	1200	4320
Working pressure	bar / MPa	2800 / 280	750 / 75
Max. pressure	bar / MPa	2800 / 280	750 / 75
Max. inlet temperature	°C	60	60
Weight, empty	kg	2320	2290
Dimensions (L x W x H)	mm	2880 x 1510 x 1820	2880 x 1510 x 1820

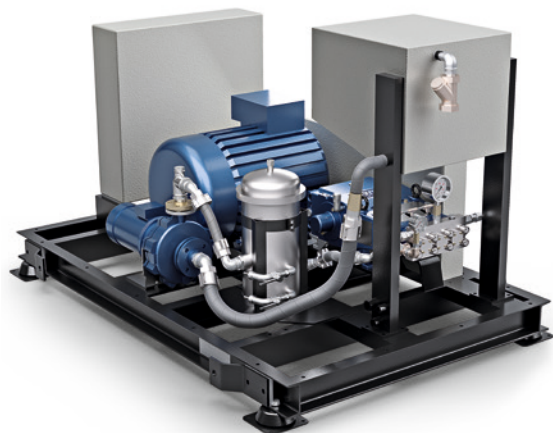
### Equipment

Spray gun		UHP trigger gun (Dump Gun)	-
Pressure hose	m	20	-
Spray lance	mm	750	-
Nozzle		Sapphire round spray nozzle	-
Water advance pressure pump	■	■	
Integrated water filter	■	■	
Automatic pressure relief	■	-	
Dry run protection	■	■	
Order No.		9.917-499.0	9.917-501.0
Price			

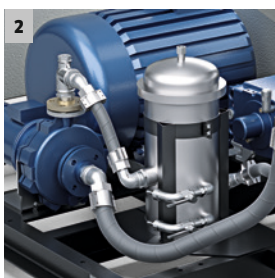
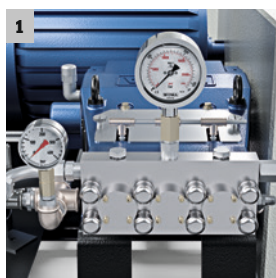
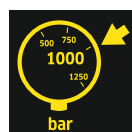
■ Included in delivery.

## UHP MIDDLE CLASS

### The workhorse that never tires



Our compact and robust UHP Middle class delivers 20 litres of water per minute at 1,000 bar pressure. Powerful cleaning action effortlessly removes dirt and deposits. This class is ideal for use in the construction industry, e.g. for formwork cleaning. It is also suitable for general industrial applications, e.g. the maritime industry.



#### 1 Reliable and durable

- Low-speed industrial pump.
- Monitored pump operation.

#### 2 Reliable water supply

- With water tank, filter and advance pressure pump.
- Optimal supply conditions.

### HDW 12/100-4 Skid Classic

- 1000 bar at 20 l/min
- Very easy manual operation
- Removes the toughest dirt, deposits and coatings

#### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50
Connection load	kW	37
Flow rate	l/h	1200
Working pressure	bar / MPa	1000 / 100
Max. pressure	bar / MPa	1000 / 100
Max. inlet temperature	°C	60
Weight	kg	1200
Dimensions (L × W × H)	mm	2000 × 1250 × 1200

#### Equipment

Spray gun		UHP trigger gun (Dump Gun)
Pressure hose	m	20
Spray lance	mm	750
Nozzle		Flat and round spray nozzle
Water advance pressure pump		■
Integrated water filter		■
Automatic pressure relief		■
Dry run protection		■

Order No. 9.917-497.0

Price

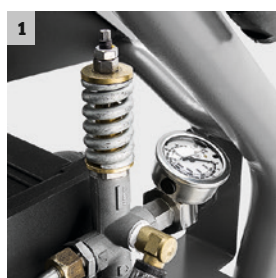
■ Included in delivery.

# UHP COMPACT CLASS



## The strongest in the Compact class

The most powerful model in the UHP Compact class delivers up to 500 bar water pressure and 1,800-litre water flow. Excellent cleaning results – even in the most stubborn cases. High power and a compact design offer maximum flexibility for a wide range of applications.



### 1 Pressure relief valve

- The pressure relief valve reduces the pressure in the hose so that it becomes flexible when the trigger gun is closed.
- Prevents sudden recoil as the pressure builds gradually when the trigger gun is pulled.

### 2 Outstanding mobility

- Large wheels and optimal centre of gravity ensure high machine mobility – despite its size.
- A practical crane hook allows easy transport, even on difficult terrain.

## HD 18/50-4 Cage Adv

## HD 18/50-4 Cage Classic

- Automatic pressure relief
- Booster pump (optional)
- Water shortage protection as standard

- Booster pump (optional)
- Water shortage protection as standard

### Technical data

Supply voltage	Ph / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50
Connection load	kW	37	37
Flow rate	l/h	1800	1800
Working pressure	bar / MPa	500 / 50	500 / 50
Max. pressure	bar / MPa	620 / 62	620 / 62
Max. inlet temperature	°C	60	60
Weight	kg	310	310
Dimensions (L × W × H)	mm	1320 × 780 × 1090	1320 × 780 × 1090

### Equipment

Spray gun		Industrial trigger gun	Industrial trigger gun
Pressure hose	m	20 / Heavy-duty	20 / Heavy-duty
Spray lance	mm	700	700
Nozzle		Power nozzle	Power nozzle
Integrated water filter		■	■
Automatic pressure relief		■	-
Dry run protection		■	■
Order No.		1.367-162.0	1.367-160.0
Price			

■ Included in delivery.

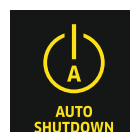


## UHP COMPACT CLASS



### Enter into the world of ultra high-pressure cleaners

With 350 to 500 bar working pressure, these are entry-level UHP Compact-class machines. The machines have a tough cage design, are relentless against dirt, safe to load by crane and very easy to transport with the clever sack truck principle.



#### 1 High-performance crankshaft pump

- Reliable and durable Kärcher high-performance crankshaft pump ensures optimal pressure.

#### 2 Safe storage

- Accessories and tools are stored in a protected compartment. This means that everything is always in its place.

#### HD 9/50-4 Cage

#### HD 13/35-4 Cage

- Robust industrial gun
- Dry run protection (optional)

- Robust industrial gun
- Dry run protection (optional)

#### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50
Connection load	kW	15	15
Flow rate	l/h	500-900	500-1300
Working pressure	bar / MPa	150-500 / 15-50	100-350 / 10-35
Max. pressure	bar / MPa	640 / 64	450 / 45
Max. inlet temperature	°C	60	60
Weight	kg	190	330
Dimensions (L × W × H)	mm	930 × 800 × 920	930 × 800 × 920

#### Equipment

Spray gun		Industrial trigger gun	Industrial trigger gun
Pressure hose	m	10 / Heavy-duty	10 / Heavy-duty
Spray lance	mm	700	700
Nozzle		Power nozzle	Power nozzle
Integrated water filter	■	■	■
Automatic pressure relief	-	-	-
Dry run protection	-	-	-
Order No.		1.367-156.0	1.367-154.0
Price			

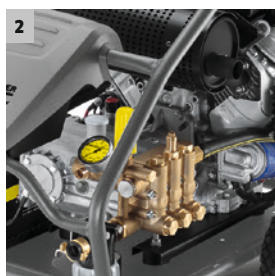
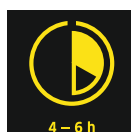
■ Included in delivery.

# UHP COMPACT CLASS



## Maximum flexibility for tough applications

The economical and reliable combustion engine offers maximum independence. The machine easily copes with the most difficult cleaning tasks thanks to 350 or 500 bar water pressure.



### 1 Industrial spray gun

- Robust and durable: the new Kärcher industrial trigger gun was designed specially for heavy-duty use.

### 2 Speed regulation

- The speed is automatically reduced in standby mode. This protects the engine and saves energy.

## HD 9/50 Ge Cage

## HD 13/35 Ge Cage

- Robust industrial gun
- Dry run protection (optional)
- Speed regulation

- Robust industrial gun
- Dry run protection (optional)
- Speed regulation

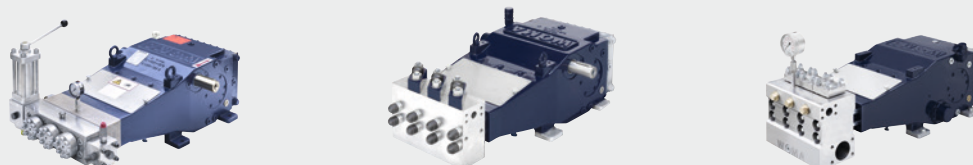
Technical data					
Engine manufacturer		Honda			Honda
Motor type		GX 660 / Petrol			GX 660 / Petrol
Motor rating	kW	16			16
Flow rate	l/h	500-900			500-1300
Working pressure	bar / MPa	150-500 / 15-50			100-350 / 10-35
Max. pressure	bar / MPa	640 / 64			450 / 45
Max. inlet temperature	°C	60			60
Weight	kg	135			135
Dimensions (L × W × H)	mm	930 × 800 × 920			930 × 800 × 920
Equipment					
Spray gun		Industrial trigger gun			Industrial trigger gun
Pressure hose	m	10 / Heavy-duty			10 / Heavy-duty
Spray lance	mm	700			700
Nozzle		Power nozzle			Power nozzle
Integrated water filter		■			■
Automatic pressure relief		-			-
Dry run protection		-			-
Order No.		1.367-506.0			1.367-505.0
Price					

■ Included in delivery.

# WOMA – INDIVIDUAL CONFIGURATIONS IN 4 STEPS

Thanks to consistent investment in research and development, a pioneering spirit and dedication to innovation, WOMA has been the technological leader and a driver of innovation in high-pressure water jet technology for decades. WOMA develops systems that can achieve water pressures of up to 4,000 bar and flow rates of around 1,800 litres per minute. As part of the Kärcher Group, the world market leader for cleaning technology, WOMA also plays an important role internationally.

1



2

CLASSIC

ADVANCED

EXPERT



3

HIGH-PRESSURE  
CLEANERS

4



## 1 Pump

Low-speed and low-wear ultra high-pressure pumps from WOMA are characterised by operating pressures of up to 4,000 bar, long lifetimes and long maintenance intervals.

## 2 System control

WOMA offers the right system based on the application requirements and customer specifications, from the Classic control for Dump Gun operation, to the easy-to-understand Expert control. The Expert control impresses, for example, with operating state monitoring, pressure-speed regulation for high operational safety and efficient use of resources.

## 3 Drive

The ultra high-pressure pumps can be driven by either robust diesel or zero-emission electric motors with energy efficiency class rating IE3. Depending on the applicable legislation, diesel engines with legal emissions levels are used.

## 4 Assembly options

Full flexibility for assembly: the ultra high-pressure unit can be assembled either on a basic frame or on a mobile trailer with a hood. It is also easy to install in an ISO container.

Further information is available at [www.woma.de](http://www.woma.de).



## EXTENSIVE ACCESSORIES FOR OPTIMAL RESULTS IN A WIDE RANGE OF APPLICATIONS

Our UHP ultra high-pressure cleaners impress with outstanding power. So that you can fully utilise this power for the widest variety of applications, for example for formwork cleaning or concrete restoration, we offer you a variety of perfectly adapted accessories. And if you require additional special solutions, our WOMA Competence Centre guarantees the right solution for you.

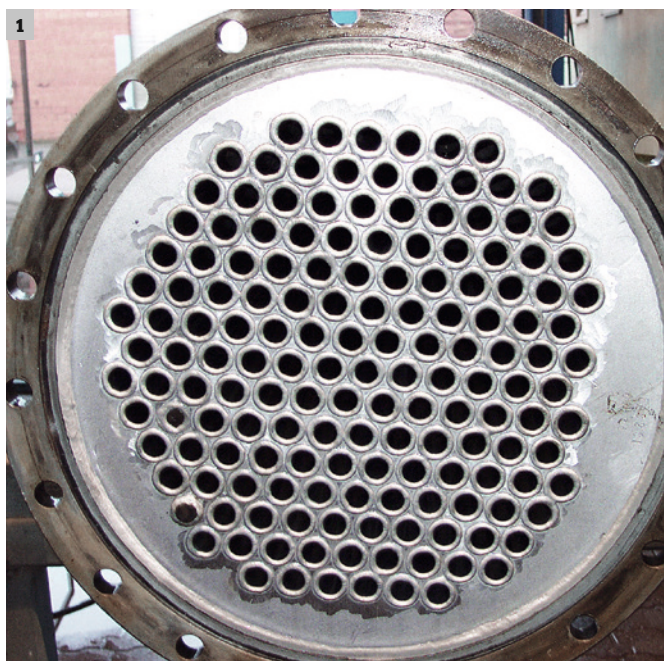


### Table of contents: Ultra-high-pressure cleaner accessories

UHP accessories

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#### Variety of applications thanks to special accessories

- |                                  |                               |
|----------------------------------|-------------------------------|
| <b>1</b> Heat exchanger cleaning | <b>4</b> Concrete restoration |
| <b>2</b> Paint stripping         | <b>5</b> Surface cleaning     |
| <b>3</b> Formwork cleaning       | <b>6</b> Surface treatment    |

Further information is available on request.

# UHP ACCESSORIES



Spray lances, exchange nozzles, hoses and application-specific water tools: the extensive range of system accessories for ultra high-pressure machines underlines the wide variety of applications and performance of these machines.

		Order No.	ID	Length	Price	Description
<b>Attachment kits</b>						
Booster pump	1	2.637-017.0				Booster pump attachment kit for reliable high-pressure pump water supply. The advance pressure pump is installed in the machine.
HD 18/50 attachment kit	2	2.641-922.0				For electric motors.
ABS protection against dry run	3	2.641-923.0				For petrol engines.
	4	2.851-028.0				ABS steering rollers.
<b>High-pressure hoses</b>						
Pressure hose	5	6.391-856.0	DN 8	3 m		Durable, abrasion-resistant and flexible multi-layer steel-reinforced hose with connection size M 22 × 1.5. Suitable for up to 640 bar working pressure.
	6	6.391-848.0	DN 8	10 m		
	7	6.391-857.0	DN 8	20 m		
	8	6.391-020.0	DN 8	30 m		
	9	9.915-136.0	DN 8	5 m		Durable, abrasion-resistant and flexible multi-layer steel-reinforced hose with connection size 9/16" UNF. Suitable for up to 3000 bar working pressure.
	10	9.915-137.0	DN 8	10 m		
	11	9.915-138.0	DN 8	20 m		
	12	6.391-846.0	DN 10	10 m		Durable, abrasion-resistant and flexible multi-layer steel-reinforced hose with connection size M 22 × 1.5. Suitable for up to 620 bar working pressure.
	13	6.391-847.0	DN 10	20 m		
	14	6.391-019.0	DN 10	30 m		
	15	9.887-887.0	DN 12	10 m		Durable, abrasion-resistant and flexible multi-layer steel-reinforced hose with connection size M 24 × 1.5. Suitable for up to 1100 bar working pressure.
	16	9.887-888.0	DN 12	20 m		
Grease for stainless steel threaded joints	17	6.280-180.0				Grease for stainless steel screw connections.
Hose connector	18	9.883-668.0				For connecting and extending high-pressure hoses with connection 9/16" UNF.
	19	9.877-911.0				For connecting and extending high-pressure hoses with connection M 24 × 1.5.
Pressure screw	20	9.883-669.0				Pressure screw, connection size 1 1/8" UNF.
Pressure ring	21	9.883-670.0				Pressure ring, connection size 9/16" UNF.
<b>Trigger gun and spray lances</b>						
Kärcher industry gun	22	4.775-824.0				650 bar – industrial spray gun with optimised flow. Robustness and durability for professional use. Food-safe and saltwater-resistant materials. Connector for HP hoses M 22 × 1.5.
UHP trigger gun	23	9.915-412.0				The Dump Gun is suitable for up to 1500 bar working pressure. The water flows into the bypass when the trigger gun is closed. Connection for high-pressure hoses M 24 × 1.5.
	24	9.871-351.0				The Dump Gun is suitable for up to 3000 bar working pressure. The water flows into the bypass when the trigger gun is closed. Connection for high-pressure hoses 9/16" UNF.
Shoulder support	25	6.025-301.0				Sturdy shoulder support that must be used from a recoil force of more than 150 N.
Hose connection	26	9.871-969.0				Hose connection with connection size M 24 × 1.5 for attachment to the UHP trigger gun.
	27	9.872-023.0				Hose connection with connection size 9/16" UNF for attachment to the UHP trigger gun.
Bypass hose	28	9.887-970.0				Bypass hose for efficient draining of bypass water from the Dump Gun.

■ NEW ■ Included in delivery. □ Available accessories. △ Accessories upon request. More Kärcher original accessories can be found on the following pages.

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		Order No.	ID	Length	Price	Description
<b>Spray lances</b>						
Spray lance	29	4.760-679.0		700 mm		Spray lance with connection size M 22 × 1.5 and nozzle intake. Suitable for up to 640 bar working pressure.
	30	4.760-653.0		1050 mm		
	31	4.760-675.0		1500 mm		
	32	4.760-677.0		2050 mm		
	33	9.891-183.0		750 mm		Spray lance with connection size 9/16" UNF. Suitable for up to 1500 bar working pressure.
	34	9.891-184.0		1000 mm		
	35	9.891-207.0		1500 mm		
	36	9.891-227.0		750 mm		Spray lance with connection size 9/16" UNF. Suitable for up to 3000 bar working pressure.
	37	9.891-228.0		1000 mm		
	38	9.891-229.0		1500 mm		
Spray lance handle	39	6.025-300.0				Spray lance handle.
Spray lance handle, 90°	40	9.871-675.0				Side handle for spray lance. 90° angle to spray lance axis. Flexible and individually adjustable.
<b>Abrasive blaster</b>						
Required adapter for abrasive blasters	41	5.401-325.0				M 20 × 1 IG to 9/16" UNF AG.
Abrasive blaster	42	6.025-253.0				Abrasive spray head for wet sand blasting. Nozzle size: 3 × 0.6 mm. Only includes spray head. Without hose and lance.
	43	9.872-435.0				Abrasive spray head for wet sand blasting. Nozzle size: 3 × 0.7 mm. Only includes spray head. Without hose and lance.
	44	9.917-716.0				Abrasive spray head for wet sand blasting. Nozzle size: 3 × 0.8 mm. Only includes spray head. Without hose and lance.
Replacement nozzle for abrasive blaster	45	6.025-346.0				Replacement nozzle for boron carbide abrasive spray head. Colour blue.
F98 nozzle for abrasive blaster	46	6.025-434.0				Three-nozzle kit for abrasive spray head for wet sand blasting. Nozzle size 0.6 mm.
	47	6.025-256.0				Nozzle for abrasive spray head for wet sand blasting. Nozzle size 0.6 mm.
	48	9.886-551.0				Three-nozzle kit for abrasive spray head for wet sand blasting. Nozzle size 0.7 mm.
	49	6.025-255.0				Nozzle for abrasive spray head for wet sand blasting. Nozzle size 0.7 mm.
	50	9.886-552.0				Three-nozzle kit for abrasive spray head for wet sand blasting. Nozzle size 0.8 mm.
	51	9.886-538.0				Nozzle for abrasive spray head for wet sand blasting. Nozzle size 0.8 mm.
Suction lance	52	6.025-258.0				For the suction of spray agents.
Abrasive material hose	53	6.025-308.0				Abrasive hose.
Mounting tool for nozzle set	54	6.025-257.0				For F98 nozzles.
Abrasive	55	6.025-309.0				25 kg, 0.5-1.00 mm, garnet sand.
	56	6.025-310.0				25 kg, 0.7-1.40 mm, garnet sand.

■ NEW ■ Included in delivery. □ Available accessories. △ Accessories upon request. More Kärcher original accessories can be found on the following pages.





## HIGH-PRESSURE CLEANERS

		Order No.	ID	Length	Price	Description
<b>Coupling</b>						
Connector	57	4.403-002.0				For connecting and extending HP hoses. Brass with rubber protection.
<b>Single-jet rotary nozzle</b>						
F7 power rotary jet	58	6.415-914.0				350 bar, 1.35 mm, 1,300 l/h, M 20 × 1, stainless steel.
Rotary jet	59	4.767-173.0				350 bar, 1.35 mm, 1,300 l/h, M 20 × 1, brass.
F8 power rotary jet	60	6.415-915.0				500 bar, 1.05 mm, 900 l/h, M 20 × 1, stainless steel.
F9 power rotary jet	61	6.415-060.0				500 bar, 1.5 mm, 1,800 l/h, M 20 × 1, stainless steel.
Power rotary Jet	62	9.886-666.0				Single-jet rotary nozzle, 1.00 mm for up to 1,500 bar working pressure.
	63	9.886-663.0				Single-jet rotary nozzle, 0.85 mm for up to 2,500 bar working pressure.
F7 power rotary jet repair kit	64	6.025-436.0				Repair kit for Power Rotary Jet, order no. 6.415-914.0. Suitable for 350 bar pressure and 1,300 l/h water flow. Includes rotor, seat and O-ring (28 × 2).
F8 power rotary jet repair kit	65	6.025-437.0				Repair kit for Power Rotary Jet, order no. 6.415-915.0. Suitable for 500 bar pressure and 900 l/h water flow. Includes rotor, seat and O-ring (28 × 2).
F9 power rotary jet repair kit	66	6.025-526.0				Repair kit for Power Rotary Jet, order no. 6.415-060.0. Suitable for 500 bar pressure and 1,800 l/h water flow. Includes rotor, seat and O-ring (28 × 2).
Tool for changing rotor seat	67	6.025-233.0				For single-jet rotary nozzles.
<b>Multi-jet rotary nozzle</b>						
Turbo nozzle	68	9.917-639.0				Multi-jet rotary nozzle for up to 1,000 bar working pressure. Complete with nozzle holder head and nozzle kit.
	69	9.917-638.0				Multi-jet rotary nozzle for up to 2,800 bar working pressure. Complete with nozzle holder head and nozzle kit.
<b>Power nozzles</b>						
Flat jet nozzle	70	5.765-165.0				15°, 350 bar, 1,300 l/h (petrol, 60 Hz).
	71	5.765-166.0				15°, 350 bar, 1,300 l/h (electr.).
	72	5.765-163.0				15°, 500 bar, 900 l/h (petrol, 60 Hz).
	73	5.765-164.0				15°, 500 bar, 900 l/h (electr./HDS trailer).
	74	5.765-263.0				15°, 500 bar, 1,800 l/h.
Detail nozzle	75	5.765-161.0				350 bar, 1,300 l/h (petrol, 60 Hz).
	76	5.765-162.0				350 bar, 1,300 l/h (electr.).
	77	5.765-159.0				500 bar, 900 l/h (electr.).
	78	5.765-160.0				500 bar, 900 l/h (petrol, 60 Hz).
	79	5.765-264.0				500 bar, 1,800 l/h.
<b>F4 / F19 socket-type nozzles</b>						
F4/F19 nozzle holder	80	9.872-008.0				Nozzle holder for nozzle F4/F19. Suitable for up to 1,500 bar working pressure.
F4 nozzle holder	81	9.872-183.0				Nozzle holder for nozzle F4. Suitable for up to 1,500 bar working pressure, with conical nozzle inlet for optimised spray pattern.
O-ring	82	6.025-168.0				O-ring for sealing between nozzle holder and nozzle F4/F19. This is absolutely necessary as sealing takes place only with the O-ring.

■ NEW ■ Included in delivery. □ Available accessories. △ Accessories upon request. More Kärcher original accessories can be found on the following pages.

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		Order No.	ID	Length	Price	Description
F4 round spray nozzle	83	9.885-950.0 ■				Plug-in round spray nozzle F4, 0.70 mm for up to 1,500 bar working pressure.
	84	6.025-200.0 ■				Plug-in round spray nozzle F4, 0.80 mm for up to 1,500 bar working pressure.
	85	9.886-902.0 ■				Plug-in round spray nozzle F4, 0.85 mm for up to 1,500 bar working pressure.
	86	6.025-470.0 ■				Plug-in round spray nozzle F4, 0.90 mm for up to 1,500 bar working pressure.
	87	6.025-198.0 ■				Plug-in round spray nozzle F4, 1.00 mm for up to 1,500 bar working pressure.
	88	9.885-951.0 ■				Plug-in round spray nozzle F4, 1.10 mm for up to 1,500 bar working pressure.
	89	6.025-199.0 ■				Plug-in round spray nozzle F4, 1.20 mm for up to 1,500 bar working pressure.
	90	6.025-471.0 ■				Plug-in round spray nozzle F4, 1.25 mm for up to 1,500 bar working pressure.
F19 flat jet nozzle	91	6.025-466.0 ■				Plug-in flat jet nozzle F19, 1.10 mm, 20°, for up to 1,500 bar working pressure.
	92	6.025-206.0 ■				Plug-in flat jet nozzle F19, 1.20 mm, 10°, for up to 1,500 bar working pressure.
	93	6.025-207.0 ■				Plug-in flat jet nozzle F19, 1.20 mm, 20° for up to 1,500 bar working pressure.
	94	6.025-208.0 ■				Plug-in flat jet nozzle F19, 1.20 mm, 30°, for up to 1,500 bar working pressure.
	95	6.025-209.0 ■				Plug-in flat jet nozzle F19, 1.20 mm, 45°, for up to 1,500 bar working pressure.
	96	9.886-164.0 ■				Plug-in flat jet nozzle F19, 1.20 mm, 60°, for up to 1,500 bar working pressure.
	97	6.025-469.0 ■				Plug-in flat jet nozzle F19, 1.30 mm, 30°, for up to 1,500 bar working pressure.
<b>Screw nozzle</b>						
F21 nozzle holder	98	9.878-291.0 ■				Nozzle holder for sapphire nozzle F21. Suitable for up to 3,000 bar working pressure.
F21 round spray nozzle, sapphire	99	9.886-214.0 ■				Screw-type sapphire round spray nozzle F21, 0.80 mm for up to 3,000 bar working pressure.
	100	9.886-215.0 ■				Screw-type sapphire round spray nozzle F21, 0.85 mm for up to 3,000 bar working pressure.
	101	9.886-216.0 ■				Screw-type sapphire round spray nozzle F21, 0.90 mm for up to 3,000 bar working pressure.
	102	9.886-217.0 ■				Screw-type sapphire round spray nozzle F21, 0.95 mm for up to 3,000 bar working pressure.
	103	9.886-218.0 ■				Screw-type sapphire round spray nozzle F21, 1.00 mm for up to 3,000 bar working pressure.
<b>Pipe cleaning</b>						
Foot valve for pipe cleaning	104	6.470-223.0				The foot valve allows safe and convenient use of accessories for effective pipe cleaning.
Pipe cleaning nozzle, standard	105	5.763-093.0				Standard pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection.
	106	5.763-090.0				Nozzle configuration: 3 × backward.
	107	5.763-106.0 ■				Standard pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection.

■ NEW ■ Included in delivery. □ Available accessories. △ Accessories upon request. More Kärcher original accessories can be found on the following pages.





83-90



91-97



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99-103



105-106

			HDW 12/280 De Skid Classic	HDW 43/75 De Skid Classic	HDW 12/100-4 Skid Classic	HD 18/50-4 Cage Adv /	HD 18/50-4 Cage Classic	HD 9/50-4 Cage	HD 13/35-4 Cage	HD 9/50 Ge Cage	HD 13/35 Ge Cage	HDS 9/50 De Tr1	HDS 13/35 De Tr1
83				△	□								
84				△	□								
85				△	□								
86				△	□								
87				△	■								
88				△	□								
89				△	□								
90				△	□								
91				△	□								
92				△	□								
93				△	■								
94				△	□								
95				△	□								
96				△	□								
97				△	□								
98			■	△									
99			□	△									
100			□	△									
101			■	△									
102			□	△									
103			□	△									
104				△		□		□	□	□	□	□	□
105				△				□		□		□	
106				△				□		□			□
107				△		□							

		Order No.	ID	Length	Price	Description
Pipe cleaning nozzle, Quattro	108	5.763-094.0				Quattro pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection.
	109	5.763-091.0				Nozzle configuration: 3 × backward and 1 × forward.
	110	5.763-107.0				Chisel point nozzle with forward jet for removing the most stubborn dirt.
Pipe cleaning nozzle, Rotor	111	5.763-095.0				With G1/4" threaded connection.
	112	5.763-092.0				Rotor pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection.
	113	5.763-108.0				Nozzle configuration: 3 × backward.
Pipe cleaning hose	114	6.392-401.0	DN 8	10		Rotor pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection.
	115	6.392-402.0	DN 8	20		Flexible high-pressure hose (ID 8) for thorough pipe cleaning, 10 m long.
	116	6.392-403.0	DN 8	30		Threaded connection for G1/4" nozzle.
<b>Surface cleaner</b>						
Surface Cleaner FRI 50 Me	117	2.643-577.0				Flexible high-pressure hose (ID 8) for thorough pipe cleaning, 20 m long.
Nozzle package 030 FRI 50 Me	118	6.415-059.0				Threaded connection for G1/4" nozzle.
Nozzle package 015 FRI 50 Me	119	6.415-044.0				Flexible high-pressure hose (ID 8) for thorough pipe cleaning, 30 m long.
Nozzle package 025 FRI 50 Me	120	6.415-045.0				Threaded connection for G1/4" nozzle.

■ NEW □ Available accessories. △ Accessories upon request. More Kärcher original accessories can be found on the following pages.

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## EXTRA SAFE. EXTRA ELEGANT.

Working safely has never been so attractive! Our current collection of work equipment sets new standards when it comes to safety and appearance. It not only offers reliable protection against dirt, moisture, noise and injury, but also looks refreshingly stylish. The high-quality materials are low-maintenance, robust and extremely durable, guaranteeing optimal freedom of movement and a high level of comfort for wearing. You are sure to find the right work protection solution for every application. And working safely means working better.



### Table of contents: Work protection

Safety goggles range	Page 210
Protective gloves range	Page 211
Wet work protection suits	Page 212
Hearing and head protection	Page 213





### 1 Safety goggles

The range of Kärcher safety goggles incorporates the expertise of uvex – a leading manufacturer of safety products. Innovative technology and a sporty design make them an important work protection tool, as well as the ideal companion for leisure.

### 2 Protective gloves

Kärcher protective gloves ensure that your fingers are always optimally protected.

### 3 Hearing and head protection

Whether earplugs with cord, foldable ear defenders or the complete helmet unit – Kärcher offers the right solution for any task.

### 4 Protective suits

Kärcher protective suits in the Classic and Advanced versions effectively protect the body from external influences, especially when using high-pressure and ultra high-pressure cleaners.

### 5 UHP work protection

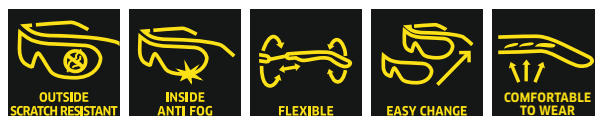
Protective clothing for pressure classes up to 3,000 bar is available in the UHP competence centre of WOMA: [woma.de/schutzkleidung](http://woma.de/schutzkleidung)

# THE KÄRCHER SAFETY GOGGLES RANGE



## Kärcher safety goggles – safe and stylish

The goggles are based on the patented “Duo Component Technology” of brand manufacturers uvex. This technology perfectly combines hard and soft components for a perfect fit at contact points on the nose, forehead and ears, as well as maximum comfort even during continuous use. Kärcher’s innovative safety goggles are not just for work.



### Free and clear vision

- Coatings optimally formulated for working with water and steam.
- All panes are permanently mist-free on the inside and have an extremely scratch-resistant coating on the outside.

### Safe at work









- Maximum protection against all mechanical hazards in accordance with DIN EN 166 thanks to highly impact-resistant polycarbonate.
- Distortion-free vision with 100% UV protection.

### Sophisticated frame design

- Patented hingeless quattrofex side pieces made from highly impact-resistant Grilamid. With four soft pads, they ensure a pressureless and comfortable fit in the sensitive ear area.
- The length and tilt angle of the side piece can be individually adjusted.

### Innovative frame construction

- Indirect ventilation keeps the eyes comfortable.
- Shock absorber in the forehead area guarantees high impact resistance and a perfect fit.

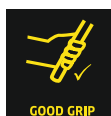
Accessories	Designation	Image	Size	Order No.	Price
<b>Safety goggles</b>					
	Safety goggles, clear	1	One size	6.025-482.0	
	Safety goggles, sun protection	2	One size	6.025-483.0	
	Safety goggles, contrast-enhancing	3	One size	6.025-484.0	
	Replacement pane, clear	4	One size	6.025-485.0	
	Replacement pane, sun protection	5	One size	6.025-486.0	
	Replacement pane, contrast-enhancing	6	One size	6.025-487.0	
	Set of safety goggles	7	One size	6.025-488.0	
	Overgoggles	8	One size	6.025-489.0	

# THE KÄRCHER PROTECTIVE GLOVES RANGE



## Kärcher protective gloves – a firm grip on safety

Our hands are our most important tools – and are therefore especially worth protecting, ideally with Kärcher's protective gloves. The high-quality gloves with attractive Kärcher design have the optimal ergonomic fit, maximum comfort and maximum freedom of movement. In short: the ideal solution for a firm grip.



### Optimal grip and high level of comfort

- Breathable nitrile coating on gloves provides a good moisture barrier and wear resistance.
- Very good sense of touch, as well as good wet grip.

### Oeko-Tex® Standard 100

- Use of high-quality cotton for optimal comfort and a pleasant feel.

### Perfect all-rounder

- Excellent wear resistance, highly durable, good cut resistance and excellent dry-wet grip.
- A real all-rounder for applications of all kinds.

### Comfortable and safe

- Excellent ergonomic fit, high wear acceptance and flexibility, as well as good water vapour absorption.

Accessories	Designation	Image	Size	Order No.	Price
Protective gloves					
	Protective gloves, short cuff	1	8	6.025-490.0	
	Protective gloves, short cuff	1	9	6.025-491.0	
	Protective gloves, short cuff	1	10	6.025-492.0	
	Protective gloves, long cuff	2	9	6.025-493.0	
	Protective gloves, long cuff	2	10	6.025-494.0	

1

2

# KÄRCHER WET WORK PROTECTION SUITS



## All-round protection

The wear- and tear-resistant wet work protection suits from Kärcher provide a pleasant sense of safety through and through. They feature an impressively good fit and high level of comfort. Thanks to a water-, oil- and dirt-repellent fluorocarbon impregnation and its hydrophilic membrane, the suits guarantee reliable protection at all times, even for the most demanding cleaning tasks and outdoor work. The high-quality workmanship can be seen and felt.



only with Advanced



only with Advanced



WATERPROOF



WINDPROOF

### Good feeling of security

- Noticeably safer working.
- Maximum freedom of movement.

### Perfect fit

- Optimal comfort.
- Excellent workmanship.

### Attractive appearance

- Professional work clothing and an attractive appearance do not have to be mutually exclusive.

### Highly effective protection

- Water-, oil- and dirt-repellent fluorocarbon impregnation, together with the breathable hydrophilic membrane, offers optimal protection against moisture and dirt.

### Accessories

#### Protective suits



Designation	Image	Size	Order No.	Price
Wet work protection suit, Classic	1	M	6.025-495.0	
Wet work protection suit, Classic		L	6.025-496.0	
Wet work protection suit, Classic		XL	6.025-497.0	
Wet work protection suit, Classic		XXL	6.025-498.0	
Wet work protection suit, Advanced	2	M	6.025-499.0	
Wet work protection suit, Advanced		L	6.025-500.0	
Wet work protection suit, Advanced		XL	6.025-501.0	
Wet work protection suit, Advanced		XXL	6.025-502.0	
Wet work protection jacket, Advanced	3	M	6.025-503.0	
Wet work protection jacket, Advanced		L	6.025-504.0	
Wet work protection jacket, Advanced		XL	6.025-505.0	
Wet work protection jacket, Advanced		XXL	6.025-506.0	
Wet work protection trousers, Advanced	4	M	6.025-507.0	
Wet work protection trousers, Advanced		L	6.025-508.0	
Wet work protection trousers, Advanced		XL	6.025-509.0	
Wet work protection trousers, Advanced		XXL	6.025-510.0	

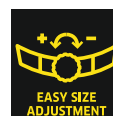


# KÄRCHER HEARING AND HEAD PROTECTION



## Head and ears safely shielded

A constantly high level of noise puts the body and mind under stress and can permanently damage sensitive human hearing. Therefore, when working with a noise level above 80dB(A), hearing protection measures are not just highly recommended but are even required by law. Kärcher offers reliable hearing protection solutions to prevent hearing impairment. For pleasant and efficient working without constant acoustic stress.



### Always keep a cool head

- Ventilation openings in the helmet can be adjusted for the respective climate and weather conditions.
- Best possible ventilation at every stage of the job.

### Maximum comfort with optimal sound-damping


- Ear defenders on the helmet feature very soft foam pads.
- High level of comfort with noise insulation of 31dB(A) (SNR value).

### Head protection combination

- Perfect adaptation to the surrounding work conditions thanks to three variable ventilation openings.
- Foldable visor offers very good all-round protection.

### Foldable ear defenders

- With high-quality steel frame and two-point suspension for optimal protection and comfort.
- Perfectly suited for long periods of use.
- All control elements are clearly arranged and easy to access.

Accessories	Designation	Image	Size	Order No.	Price
<b>Hearing protection</b>					
  	Earplugs	1	One size	6.025-511.0	
	Safety helmet set, with hearing protection and visor	2	One size	6.025-512.0	
	Ear defenders	3	One size	6.025-513.0	
	Replacement ear defenders for helmet			6.025-514.0	
	Replacement visor for helmet			6.025-515.0	

## FULL SUCTION POWER AHEAD

Our range of vacuum cleaners offers you an impressive variety of machines for use in industry, the automotive sector, building cleaning or trade – Kärcher offers the perfect solution for any application. Whether dry or wet and dry vacuum cleaners – all vacuum cleaners impress with their high quality and durability, as well as with innovative filter engineering and exceptional operating comfort.



### Table of contents: Vacuum cleaners

Wet and dry vacuum cleaners	Page	216
Wet and dry vacuum cleaner accessories	Page	260
Industrial vacuums	Page	284
Industrial vacuum accessories	Page	312
Dry vacuum cleaners	Page	346
Dry vacuum cleaner accessories	Page	374





### 1 Powerful, versatile and mobile

In the trades, car cleaning or building cleaning: strong suction power plus maximum mobility are required everywhere. Kärcher wet and dry vacuum cleaners meet these requirements with ease. With the innovative Tact filter cleaning system, Kärcher wet and dry vacuum cleaners master even the toughest building site applications. Special vacuums – for example for potentially explosive atmospheres or fire-fighting – complete the versatile Kärcher range of wet and dry vacuum cleaners.

### 2 Professional solutions for production

In industry and manufacturing, the most varied types of stubborn dirt are the order of the day. And the demands on cleaning machines are correspondingly high. Fine dust, coarse dirt, liquids, oils, lubricants, granulates, metal shavings or wood dust – Kärcher industrial vacuums offer the right machine for every cleaning task.

### 3 Your partner for professional cleanliness

Contract cleaners and facility managers have the highest standards when it comes to power and handling for dry cleaning. Power and discretion are equally important, especially for daytime cleaning during business hours and for spot cleaning in public areas. In addition, machines must be quick and easy to transport. Kärcher knows what counts in these specialised areas. The most convincing proof of this is reflected in the sophisticated design of our professional machines.

### 4 Industry-specific accessories

The range of Kärcher accessories is as diverse as our vacuum cleaners' areas of application. From individual connecting adapters to special accessory kits – Kärcher offers the perfect machine configuration for every vacuum cleaner for perfect cleaning results.



# PROFESSIONAL WET AND DRY VACUUM CLEANERS FOR EVERY CLEANING TASK

As a professional operator, you know that there is much more to a good wet and dry vacuum cleaner than suction power alone. The overall design, with all filters and control elements, ergonomics, stability and optimal accessories, is the deciding factor. For decades, we have been continuously setting new standards with our innovative technologies in this area – and with an excellent price-performance ratio.



## Table of contents: Wet and dry vacuum cleaners

Tact <sup>2</sup> class	Page 224
Tact class	Page 228
Ap class	Page 236
Standard class	Page 244
NT Classic with two motors	Page 250
NT Classic with single motor	Page 252
Safety vacuum cleaners	Page 254
Special vacuums	Page 258
Accessories	Page 260



**NT 50/1 Tact Te L**

With its 50-litre container for interruption-free operation, an adjustable push handle, the drain hose and many other smart details, the NT 50/1 Tact Te is both the largest machine in the new Tact range and the one with the most comprehensive equipment.

**NT 40/1 Tact Te L**

The new NT 40/1 Tact Te boasts outstanding suction power – even when it comes to large quantities of fine dust. Furthermore, it impresses with its large container capacity and very compact design. For even more convenient handling, it is available with an optional push handle.

**NT 30/1 Tact Te L**

The NT 30/1 Tact Te is the fine dust expert among the wet and dry vacuum cleaners and is perfect for use wherever tradesmen want outstanding power – whether in the workshop or for tough jobs on construction sites. This makes the robust, durable and powerful machine the tradesman's favourite.

**How to read the unit names:**

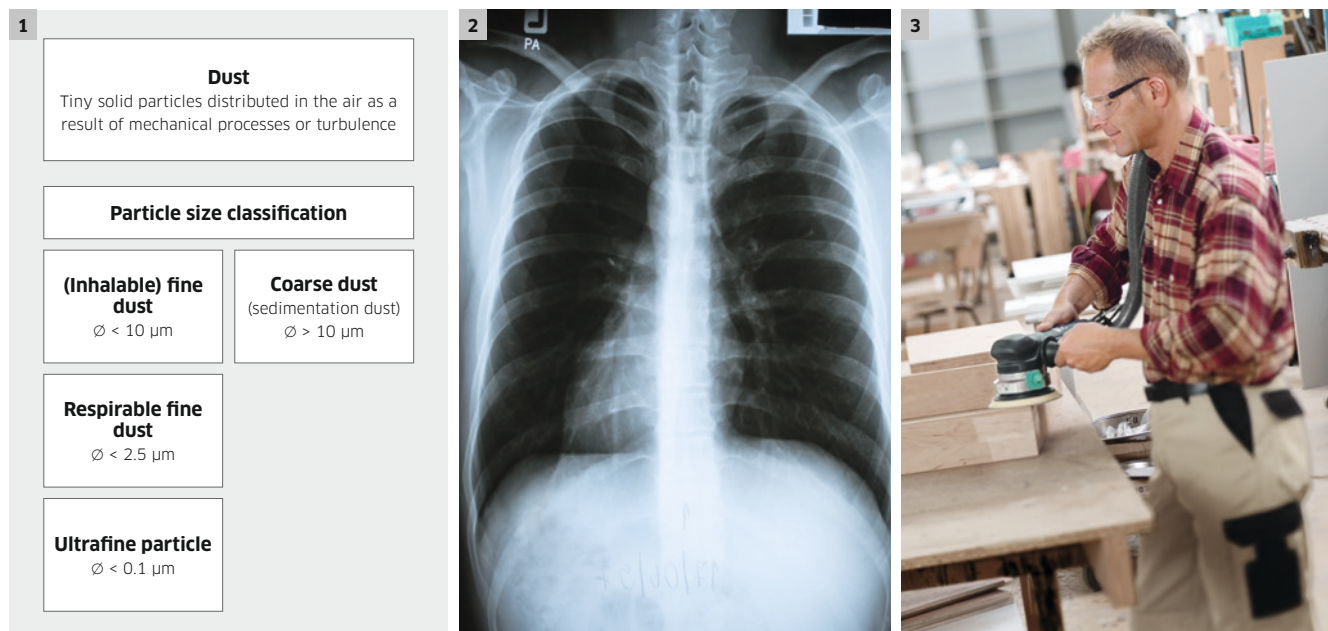
Unit type	Container capacity	Turbines	Filtration technology	Type and equipment
Example: NT	75	2	Tact²	Me Tc
<b>NT</b> = Wet and dry vacuum cleaners	In unit names with a combination of numbers, the first number stands for the container capacity (in litres).	In unit names with a combination of numbers, the second number stands for the number of turbines.	<b>Tact²:</b> dual automatic filter cleaning, machine with flat pleated filter <b>Tact:</b> automatic filter cleaning, machine with flat pleated filter <b>Ap:</b> semi-automatic filter cleaning, machine with flat pleated filter <b>Without suffix:</b> machine with cartridge filter	<b>Without designation</b> = Standard equipment <b>Classic</b> = Machine with simple equipment <b>Adv</b> = Advanced, machine with additional equipment <b>Me</b> = Stainless steel container <b>Tc</b> = Tilting chassis <b>Ec</b> = Brushless turbine <b>Te</b> = Automatic power outlet <b>L</b> = Certified for dust class L dusts that pose a minor risk to health <b>M</b> = Certified for dust class M dusts that pose a medium risk to health <b>H</b> = Certified for dust class H dusts that pose a high risk to health <b>Z22</b> = Explosion-proof vacuum cleaner for zone 22 <b>Mwf</b> = Fire service vacuum cleaner with PRCD-K circuit breaker <b>Eco K</b> = Water vacuum with integrated wastewater pump <b>Bs</b> = Vacuum cleaner for bakeries

	Order No.	Container capacity (l)	Air flow (l/s)	Vacuum (mbar / kPa)	Protection class	Antistatic preparation or complete antistatic system (incl. electrically conductive suction hose)	Flat pleated filter	Semi-automatic filter cleaning	Tact Automatic Filter Cleaning system	Page	
	<b>Tact class</b>										
	NT 75/2 Tact² Me Tc	1.667-289.0	75	2 × 74	254 / 25.4	II	-	■	-	■	225
	NT 75/2 Tact² Me	1.667-288.0	75	2 × 74	254 / 25.4	I	▲	■	-	■	227
	NT 65/2 Tact² Tc	1.667-287.0	65	2 × 74	254 / 25.4	II	-	■	-	■	225
	NT 65/2 Tact²	1.667-286.0	65	2 × 74	254 / 25.4	I	▲	■	-	■	227
	NT 55/2 Tact² Me I	1.667-237.0	55	2 × 74	254 / 25.4	I	●	■	-	■	225
	NT 50/1 Tact Te L	■ 1.148-411.0	50	74	254 / 25.4	I	●	■	-	■	230
	NT 45/1 Tact Te Ec	1.145-826.0	45	63	244 / 24.4	I	▲	■	-	■	231
	NT 40/1 Tact Te L	■ 1.148-311.0	40	74	254 / 25.4	I	●	■	-	■	232
	NT 30/1 Tact Te L	■ 1.148-211.0	30	74	254 / 25.4	I	●	■	-	■	233
	NT 30/1 Tact L	■ 1.148-201.0	30	74	254 / 25.4	II	●	■	-	■	235
	<b>Ap class</b>										
	NT 75/2 Ap Me Tc	1.667-292.0	75	2 × 74	254 / 25.4	II	-	■	■	-	237
	NT 65/2 Ap	1.667-291.0	65	2 × 74	254 / 25.4	II	-	■	■	-	237
	NT 35/1 Ap	1.184-505.0	35	74	254 / 25.4	II	-	■	■	-	239
	NT 25/1 Ap	1.184-503.0	25	74	254 / 25.4	II	-	■	■	-	239
	NT 20/1 Ap Te	1.378-510.0	20	74	254 / 25.4	I	-	■	■	-	241
	NT 20/1 Ap	1.378-500.0	20	74	254 / 25.4	II	-	■	■	-	241
	NT 14/1 Ap Te Adv L	1.510-132.0	14	61	230 / 23	I	▲	■	■	-	243
		NT 14/1 Ap Te Adv	1.510-127.0	14	61	230 / 23	I	▲	■	■	-
NT 14/1 Ap Adv		1.510-126.0	14	61	230 / 23	II	-	■	■	-	243
NT 14/1 Ap		1.510-125.0	14	61	230 / 23	II	-	■	-	-	243
NT 14/1 Classic		1.510-128.0	14	61	230 / 23	II	-	■	-	-	243
<b>Standard class</b>											
NT 70/3 Me Tc		1.667-274.0	70	3 × 56	208 / 20.8	II	-	-	-	-	245
NT 70/2 Me Tc		1.667-272.0	70	2 × 56	208 / 20.8	II	-	-	-	-	245
NT 70/3 Tc		1.667-273.0	70	3 × 56	208 / 20.8	II	-	-	-	-	245
NT 70/2 Tc		1.667-271.0	70	2 × 56	208 / 20.8	II	-	-	-	-	245
NT 70/2 Adv		1.667-278.0	70	2 × 56	208 / 20.8	II	-	-	-	-	247
	NT 70/2 Me	1.667-275.0	70	2 × 56	208 / 20.8	II	-	-	-	-	247
	NT 70/3	1.667-270.0	70	3 × 56	208 / 20.8	II	-	-	-	-	247
	NT 70/2	1.667-269.0	70	2 × 56	208 / 20.8	II	-	-	-	-	247
	NT 70/1	1.667-268.0	70	56	208 / 20.8	II	-	-	-	-	247
	NT 48/1 Te	1.428-625.0	48	67	200 / 20	I	-	-	-	-	249
	NT 48/1	1.428-620.0	48	67	200 / 20	II	-	-	-	-	249
	NT 27/1 Me Adv	1.428-114.0	27	67	200 / 20	II	-	-	-	-	249
	NT 27/1 Me	1.428-100.0	27	67	200 / 20	II	-	-	-	-	249
	NT 27/1 Adv	1.428-520.0	27	67	200 / 20	II	-	-	-	-	249
	NT 27/1	1.428-500.0	27	67	200 / 20	II	-	-	-	-	249
	<b>Classic range</b>										
	NT 90/2 Me Classic	1.667-700.0	90	2 × 53	225 / 22.5	II	-	-	-	-	251
	NT 70/2 Me Classic	1.667-306.0	70	2 × 53	225 / 22.5	II	-	-	-	-	251
	NT 50/2 Me Classic	1.667-030.0	50	2 × 53	225 / 22.5	II	-	-	-	-	251
	NT 50/1 Me Classic	1.667-010.0	50	53	225 / 22.5	II	-	-	-	-	251
	NT 38/1 Me Classic	1.428-538.0	38	59	227 / 22.7	II	-	-	-	-	253
	NT 30/1 Me Classic	1.428-568.0	30	59	227 / 22.7	II	-	-	-	-	253
	NT 20/1 Me Classic	1.428-548.0	20	59	227 / 22.7	II	-	-	-	-	253
	<b>Special vacuums</b>										
	NT 80/1 B1 M S	1.667-267.0	80	56	235 / 23.5	I	▲	-	-	-	255
	NT 75/1 Me Ec H Z22	1.667-239.0	75	61	220 / 22	I	▲	■	-	-	255
	NT 75/1 Tact Me Te H	1.667-294.0	75	74	254 / 25.4	I	▲	■	-	■	256
	NT 45/1 Tact Te H	1.145-838.0	45	74	254 / 25.4	I	▲	■	-	■	256
	NT 35/1 Tact Te H	1.184-858.0	35	74	254 / 25.4	I	▲	■	-	■	256
	NT 55/1 Tact Te M	1.146-823.0	55	74	254 / 25.4	I	▲	■	-	■	257
	NT 45/1 Tact Te M	1.145-837.0	45	74	254 / 25.4	I	▲	■	-	■	257
	NT 35/1 Tact Te M	1.184-857.0	35	74	254 / 25.4	I	▲	■	-	■	257
	NT 611 MwF	1.146-601.0	55	57	235 / 23.5	I	-	-	-	-	258
	NT 611 Eco K	1.146-209.0	55	57	235 / 23.5	I	-	-	-	-	258
	NT 55/1 Tact Bs	1.146-700.0	55	61	230 / 23	I	●	■	-	■	259
NT 35/1 Tact Bs	1.184-700.0	35	61	230 / 23	I	●	■	-	■	259	

■ NEW ■ Included in delivery. ● Antistatic preparation. ▲ Complete antistatic system.

# DUST SUCTION PROTECTS HEALTH

Every form of dust can be a health hazard. The common goal of the legislature, trade associations and employers is to avoid the formation of dust before it occurs, i.e. to bind dust directly, quickly and as completely as possible. Brushes, dustpans and high-pressure guns are unsuitable for this purpose. Powerful safety vacuum cleaners that are connected either directly to dust generating tools or used in conjunction with suitable accessories for picking up dust from floors and equipment offer the ideal solution.



## 1 Not all dust is the same

Dust is classified according to size. Coarse dust has a particle size of more than 10 µm (1 micrometre is a thousandth of a millimetre) and generally is reliably retained by nose hair and mucous membranes. In contrast, small to ultrafine dust particles, or fine dust, can penetrate deep into the lungs via the windpipe and bronchial tubes. This respiratory dust poses the greatest health risks.

## 2 Every form of dust can pose a health hazard







Fine dust is generally dangerous to health, however every type of dust, even coarse dust, can cause respiratory disease after prolonged exposure due to the harmful substances contained in these forms of dust. Mineral mixed dust from sand, lime, gypsum, cement or concrete which occur regularly in the building industry, almost always contains quartz fine dust, which can cause silicosis and lung cancer. The effects of dust on health depend on the type of dust, particle size, duration of exposure and the intensity of dust impact. The inhalation of large amounts of dust over a short period of time is particularly dangerous. And because dust is widely distributed, protection against dust concerns us all.

## 3 Avoid dust. Before it forms

The best protection against dust is to prevent it from forming in the first place. Kärcher safety vacuum cleaners can easily be connected to all standard power tools with a special adapter. This form of direct suction ensures a virtually dust-free environment. Dust on floors and machines can be removed efficiently and reliably with the standard accessories. And forget brushes, dustpans and compressed-air guns. These only kick the dust up. Only the use of safety vacuum cleaners reliably protects the health of operators and others in the surrounding area.

# WET AND DRY VACUUM CLEANERS: POWERFUL AND VERSATILE

The Kärcher range of wet and dry vacuum cleaners is the result of decades of experience with operators throughout the world. Whether for tradesmen, building service contractors or vehicle finishers – this wide selection includes wet and dry vacuum cleaners specially tailored to suit individual applications.

	 NT 65/2 Tact <sup>2</sup> to NT 75/2 Tact <sup>2</sup>	 NT 30/1 Tact to NT 50/1 Tact	 NT 65/2 Ap to NT 75/2 Ap	 NT 14/1 Ap to NT 35/1 Ap	 NT 70/1 to NT 70/3	 NT 27/1 to NT 48/1
	Tact class		Ap class		Standard class	
<b>Liquids</b>						
Small quantities		□		□		■
Large quantities	□		□		■	
<b>Coarse dirt</b>						
Small quantities		□		■		□
Large quantities	□		■		□	
<b>Fine dust</b>						
Small quantities			■	■		
Large quantities		■				
Very large quantities	■					

□ suitable ■ recommended



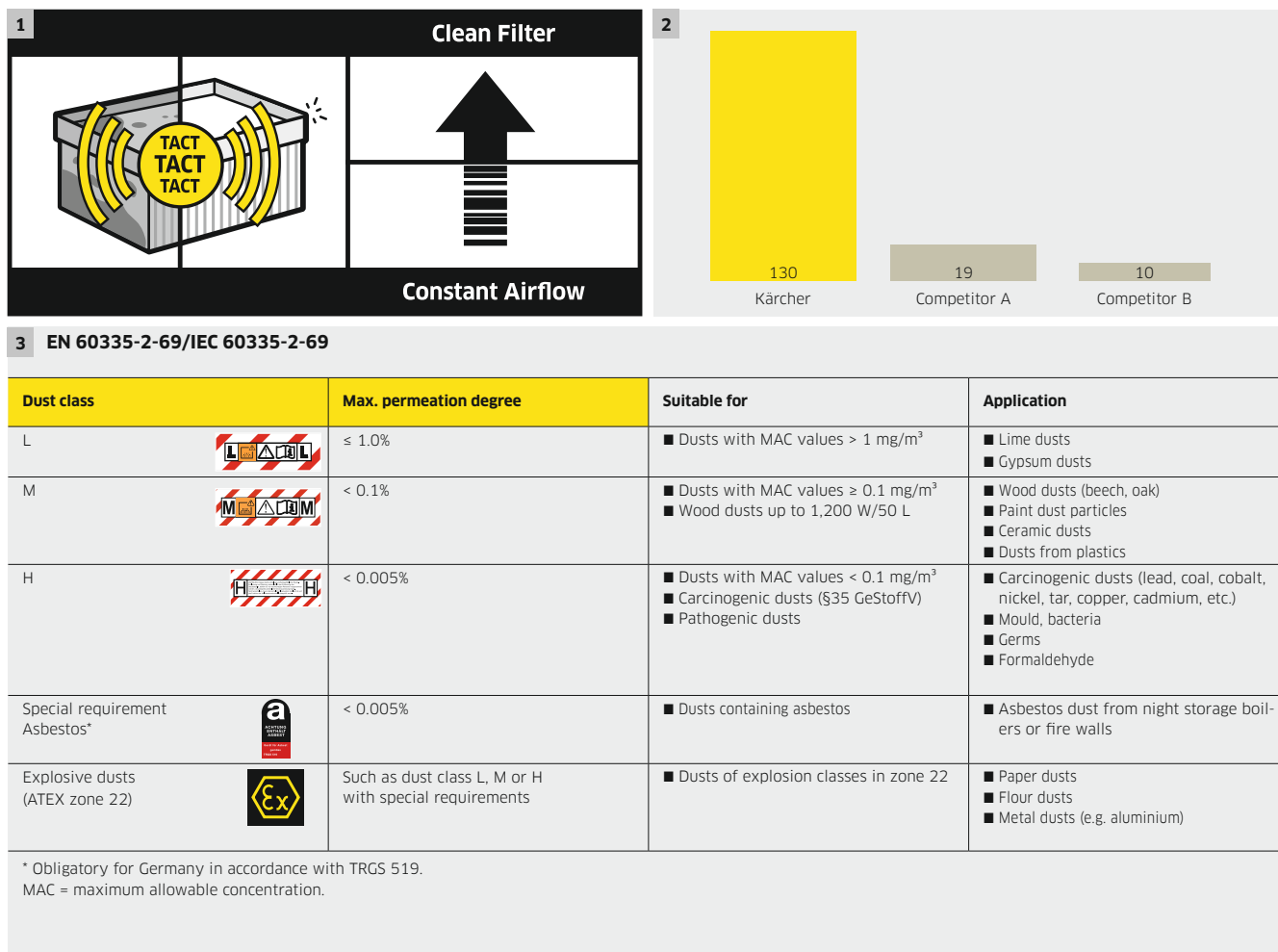
## The perfect vacuum cleaner for every application

Kärcher wet and dry vacuum cleaners are designed for all wet and dry applications. With all-round and specialist machines.

- 1 Tact vacuum cleaners: developed for large quantities of fine dust – for working with and without power tools.
- 2 Ap vacuum cleaners: powerful all-rounders for liquid and moist dirt to medium-fine dust.
- 3 Standard vacuum cleaners: designed for picking up large quantities of liquids and coarse dirt.







### 1 Tact – the automatic filter cleaning system

Our professional wet and dry vacuum cleaners with the patented Tact system allow uninterrupted operation, even with large quantities of fine dust. The filter automatically cleans itself with targeted, powerful blasts of air. The procedure is triggered automatically whilst maintaining constant high suction power. Other advantages: low maintenance costs and long filter service life.

### 2 Filter service life when vacuuming fine dust with the NT 30/1 Tact Te L

Dust: mineral dust category A.

Temperature: room temperature.

Accessories: main filter and hoses included in delivery.

Competitor machines: comparable container size and equipment.

Kärcher 130\*

Competitor A 19\*

Competitor B 10\*

\* Weights in kg, maximum capacity until main filter requires manual cleaning or replacement.

### 3 Dust classes

Class L: Dusts in dust class L are only slightly hazardous. An L-filter may only allow a maximum of 1% of the test dust to pass through. All Kärcher flat pleated filters easily comply with this requirement – they are all certified for dust class M! The legal maximum allowable concentration of L-dusts must not exceed 1 mg/m³. There are no special precautions for the disposal of L-dusts.

Class M: Dusts in dust class M are hazardous. The maximum permeation degree of a tested M vacuum cleaner is less than 0.1%. The legal maximum allowable concentration of M-dusts must not exceed 0.1 mg/m³. M-dusts must be disposed of with low dust development.

Class H: Dusts in dust class H are extremely hazardous. The maximum permeation degree of a tested H vacuum cleaner must be less than 0.005%. The legal maximum allowable concentration of H-dusts is less than 0.1 mg/m³. Due to the high risk of these carcinogenic and pathogenic dusts, disposal must take place in a dust-free manner.

Order No.	Machine designation	Suitable for dust class	Recommended for fine dust
1.667-289.0	NT 75/2 Tact <sup>2</sup> Me Tc		Large quantities
1.667-288.0	NT 75/2 Tact <sup>2</sup> Me		
1.667-287.0	NT 65/2 Tact <sup>2</sup> Tc		
1.667-286.0	NT 65/2 Tact <sup>2</sup>		
1.667-237.0	NT 55/2 Tact <sup>2</sup> Me		
1.667-294.0	NT 75/1 Tact Me Te H		Large quantities
1.145-838.0	NT 45/1 Tact Te H		
1.184-858.0	NT 35/1 Tact Te H		
1.146-823.0	NT 55/1 Tact Te M		Large quantities
1.145-837.0	NT 45/1 Tact Te M		
1.184-857.0	NT 35/1 Tact Te M		
1.148-411.0	NT 50/1 Tact Te L		Large quantities
1.148-311.0	NT 40/1 Tact Te L		
1.148-211.0	NT 30/1 Tact Te L		
1.148-201.0	NT 30/1 Tact L		
1.667-292.0	NT 75/2 Ap Me Tc		Small to medium quantities
1.667-291.0	NT 65/2 Ap		
1.184-505.0	NT 35/1 Ap		
1.184-503.0	NT 25/1 Ap		
1.378-510.0	NT 20/1 Ap Te		
1.378-500.0	NT 20/1 Ap		
1.510-132.0	NT 14/1 Ap Te Adv L		
1.510-127.0	NT 14/1 Ap Te Adv		
1.510-126.0	NT 14/1 Ap Adv		
1.510-125.0	NT 14/1 Ap		
1.667-267.0	NT 80/1 B1 M S	+ explosive dusts	Medium quantities
1.667-266.0	NT 80/1 B1 M	+ explosive dusts	Medium quantities
1.667-239.0	NT 75/1 Me Ec H Z22	+ explosive dusts	Medium quantities

# Tact<sup>2</sup> CLASS



## Constant suction power and easy handling

High mobility and power, stamina, robustness and a wide range of practical equipment features make Kärcher vacuum cleaners with Tact<sup>2</sup> sought-after specialists and all-rounders. The models with tilting chassis offer advantages, particularly for industrial applications, in the disposal of liquids and coarse dirt.



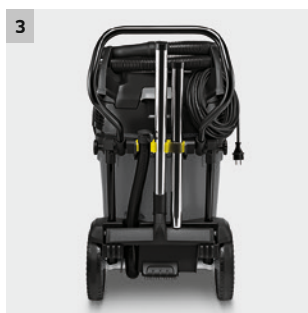
### 1 Tilting chassis with container lock

- The container is always securely attached to the chassis.



### 2 Everything to hand

- Container can be easily deposited and conveniently rolled to an emptying point.
- Convenient for two people to carry and to empty the container.



### 3 Suction tubes and floor nozzles can be stored in any direction in the accessory holders

- For easy access from all sides.
- Ample storage for a 4 m hose and rubber power cord (10 m).



### 4 Easy in, easy out with tilting chassis

- Simply tilt back the container and empty into the drain.
- High stability for easy emptying.



# TECHNICAL DATA AND EQUIPMENT

		NT 75/2 Tact <sup>2</sup> Me Tc	NT 65/2 Tact <sup>2</sup> Tc	NT 55/2 Tact <sup>2</sup> Me I
		<ul style="list-style-type: none"> <li>■ Automatic Filter Cleaning System Tact<sup>2</sup></li> <li>■ Push handle and drain hose</li> <li>■ Moisture-proof PES filter</li> </ul>	<ul style="list-style-type: none"> <li>■ Automatic Filter Cleaning System Tact<sup>2</sup></li> <li>■ Accessory/suction hose storage</li> <li>■ Moisture-proof PES filter</li> </ul>	<ul style="list-style-type: none"> <li>■ Mobile stainless steel container</li> <li>■ Set-down mechanism</li> <li>■ Automatic Filter Cleaning System Tact<sup>2</sup></li> </ul>
<b>Technical data</b>				
Air flow	l/s	2 × 74	2 × 74	2 × 74
Vacuum	mbar / kPa	254 / 25.4	254 / 25.4	254 / 25.4
Container capacity	l	75	65	55
Max. rated input power	W	2760	2760	2760
Voltage	V	220-240	220-240	220-240
Standard nominal width		ID 40	ID 40	ID 40
Cable length	m	10	10	10
Sound pressure level EN 60335-2-69	dB(A)	73	73	73
Uncertainty K = 1 dB(A)				
Weight	kg	27.5	26.5	44.8
Dimensions (L × W × H)	mm	670 × 560 × 930	670 × 560 × 915	710 × 570 × 1070
<b>Equipment</b>				
Suction hose	m	4 / with bend	4 / with bend	4 / with bend
Suction tubes, metal 2 × 0.5 m		■	■	■
Filter bag		Paper	Paper	-
Wet and dry floor nozzle	mm	360	360	360
Crevice nozzle		■	■	■
Stainless steel container		■	-	■
Flat pleated filter		PES	PES	Paper
Order No.		1.667-289.0	1.667-287.0	1.667-237.0
Price				
■ Included in delivery.				
<b>Accessories</b>				
Product name	Order No.	Description	Price	
Flat pleated filter, PES	6.907-277.0	Polyester fleece, rot-proof, dust class M.		
Flat pleated filter, paper	6.907-276.0	Paper, approved for dust class M.		
Multi-purpose nozzle, wet/dry	6.903-018.0	Aluminium with height-adjustable rollers, brush strips (6.903-064.0) and squeegees (6.903-081.0, oil-resistant).		
Suction hose	6.906-321.0	With bayonet and clip connection, C 40.		
Plastic bend	5.031-904.0	Plastic with C 40 clip system.		
Suction tube	6.902-081.0	For use in wet, damp environments or for wet vacuuming.		

# Tact<sup>2</sup> CLASS



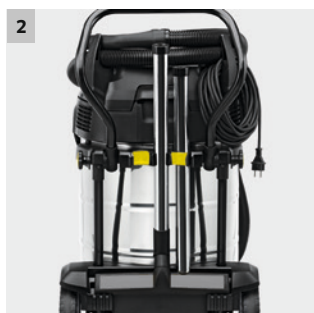
## Constantly high suction power – even with large dust quantities

The Tact<sup>2</sup> machines have a wealth of standard features for picking up large quantities of fine dust as well as coarse dirt: the unique Tact<sup>2</sup> is designed for long periods of uninterrupted use with constantly high suction power. It comes with a complete anti-static package and 4 m suction hose. Designed for cleaning tasks otherwise reserved for larger and heavier vacuum cleaners.



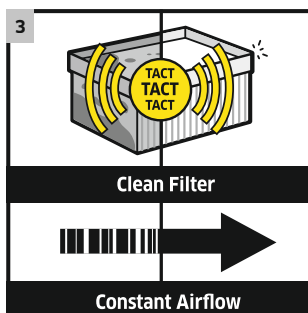
### 1 Easy to transport

- Adjustable push handle and large wheels make transport easy even on uneven surfaces.



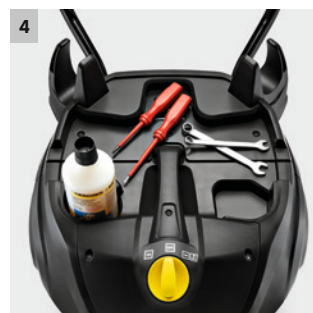
### 2 Intelligent accessory storage

- For example, the floor nozzle can be quickly fixed any way round.



### 3 Automatic Filter Cleaning System Tact<sup>2</sup>

- The divided flat pleated filter is cleaned by air blasts and can be removed from the clean side.
- Fine dusts cannot block the filter. A constant high air flow is maintained.



### 4 Secure and close to hand

- Tools can be stored in the on-board practical storage area, including small parts and bottles.

# TECHNICAL DATA AND EQUIPMENT

## NT 75/2 Tact<sup>2</sup> Me

## NT 65/2 Tact<sup>2</sup>

- Automatic Filter Cleaning System Tact<sup>2</sup>
- Antistatic system
- On-board storage on the casing head

- Automatic Filter Cleaning System Tact<sup>2</sup>
- Antistatic system
- Adjustable push handle

### Technical data

Air flow	l/s	2 × 74	2 × 74
Vacuum	mbar / kPa	254 / 25.4	254 / 25.4
Container capacity	l	75	65
Max. rated input power	W	2760	2760
Voltage	V	220-240	220-240
Standard nominal width		ID 40	ID 40
Cable length	m	10	10
Sound pressure level EN 60335-2-69	dB(A)	73	73
Uncertainty K = 1 dB(A)			
Weight	kg	27.5	26.5
Dimensions (L × W × H)	mm	630 × 545 × 920	575 × 490 × 880

### Equipment

Suction hose	m	4 / with bend	4 / with bend
Suction tubes, metal 2 × 0.5 m		■	■
Filter bag		Paper	Paper
Wet and dry floor nozzle	mm	360	360
Crevice nozzle		■	■
Stainless steel container		■	-
Flat pleated filter		Paper	Paper
Order No.		1.667-288.0	1.667-286.0
Price			

■ Included in delivery.

### Accessories

Product name	Order No.	Description	Price
Flat pleated filter, paper	6.907-276.0	Paper, approved for dust class M.	
Flat pleated filter, PES	6.907-277.0	Polyester fleece, rot-proof, dust class M.	
Multi-purpose nozzle, wet/dry	6.903-018.0	Aluminium with height-adjustable rollers, brush strips (6.903-064.0) and squeegees (6.903-081.0, oil-resistant).	
Suction hose	6.906-546.0	With bayonet and clip connection, electrically conductive, C 40.	
Bend, plastic, electrically conductive	5.032-427.0	Plastic, with C 40 clip system, electrically conductive.	
Suction tube	6.902-081.0	For use in wet, damp environments or for wet vacuuming.	

## THE NEW Tact CLASS: THE NEXT GENERATION OF FINE DUST VACUUM CLEANERS

With the new Tact range, we have thought of everything that is important for professional operators: outstanding suction power, simple and comfortable operation, as well as durability and longevity. Our tried-and-tested Tact filter cleaning system is now even quieter and more efficient. And when it comes to equipment and accessories, we have done everything to ensure that your work is faster, easier and more convenient.







### 1 Overview of machine features

- 1** Central rotary switch for adjustment of filter cleaning as required.
- 2** Suction hose connection in the machine head for a greater net volume and easy emptying.
- 3** Robust container with bumper and gripping option for a long service life and convenient handling.
- 4** Case storage and attachment solution for toolboxes.
- 5** Flexible hose and power cord storage for secure attachment of different hoses.
- 6** Side storage of crevice nozzle and special tool adapter to ensure nothing is lost.
- 7** Large and robust metal castors for optimal mobility, even for tough jobs on construction sites.



### 2 Overview of accessory features

- 1** Special tool adapter with secondary air slider and rubber attachment for optimal compatibility with power tools.
- 2** Wide floor nozzle with quickly replaceable inserts for wet and dry applications.
- 3** Ergonomic bend with soft grip components for comfortable operation.
- 4** Improved clip system for easy switching, for example from bend to tool adapter.
- 5** Dirt-repellent bayonet fastener for easy separation of the hose from the machine.

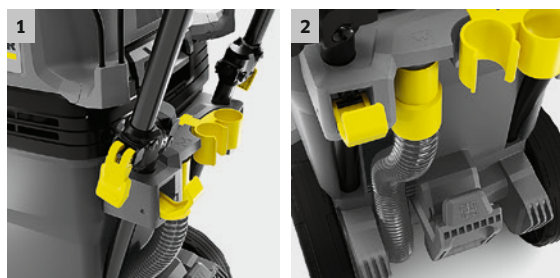
# Tact CLASS



## The biggest of its kind

Even our most demanding customers in industry and construction will be impressed by the wet and dry vacuum cleaner NT 50/1 Tact Te L. Powerful and reliable, it also vacuums very large quantities of fine dust, coarse dirt or liquids into its 50-litre container, ensuring long periods of uninterrupted use in a clean, dust-free environment.

**NEW**



### 1 Adjustable, ergonomic push handle

- Thanks to a quick lock, the adjustable push handle adapts to the size of the operator.
- The push handle can be easily folded away to save space when storing the machine.

### 2 Oil-resistant drain hose

- Oil-resistant, integrated drain hose for easy emptying of liquids.

## NT 50/1 Tact Te L

- Adjustable push handle
- Drain hose
- Antistatic preparation

### Technical data

Air flow	l/s	74
Vacuum	mbar / kPa	254 / 25.4
Container capacity	l	50
Max. rated input power	W	1380
Voltage	V	220-240
Standard nominal width		ID 35
Rubber power cable length	m	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	69
Weight	kg	18.9
Dimensions (L × W × H)	mm	585 × 370 × 1020

### Equipment

Suction hose	m	4 / with bend
Suction tubes, stainless steel, 2 × 0.55 m		■
Filter bag		Fleece
Wet and dry floor nozzle	mm	360
Crevice nozzle		■
Power tool connection adapter		■
Order No.		1.148-411.0
Price		

- Included in delivery.

# Tact CLASS

## Built to last.



Highly effective, less wear and tear: the NT 45/1 Tact Te Ec motor has no carbon brushes – ideal for heavy-duty, uninterrupted industrial use with a service life of 5,000 hours.



### 1 Variable speed control

- The brushless EC drive has a life expectancy of 5,000 hours. This makes the NT 45/1 Tact Te Ec ideal for continuous use.

### 2 Brushless EC drive

- Adjustable suction power.

## NT 45/1 Tact Te Ec

- Brushless EC drive (5,000 h)
- Antistatic preparation
- Automatic on/off switch

### Technical data

Air flow	l/s	63
Vacuum	mbar / kPa	244 / 24.4
Container capacity	l	45
Max. rated input power	W	1380
Voltage	V	220-240
Standard nominal width		ID 35
Rubber power cable length	m	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	71
Weight	kg	13.5
Dimensions (L × W × H)	mm	517 × 375 × 687

### Equipment

Suction hose	m	2.5 / with bend
Suction tubes, stainless steel, 2 × 0.5 m	■	
Filter bag		Fleece
Wet and dry floor nozzle	mm	300
Crevice nozzle	■	
Order No.		1.145-826.0
Price		

- Included in delivery.

# Tact CLASS



## Just the right size

Not too large, not too small, but just right: the NT 40/1 Tact Te L is perfect for those who want it all. Compact, easy to transport and a large container capacity for long work intervals. Also available with push handle on request.

**NEW**



### 1 Suction hose connection in the machine head

- The suction hose port in the machine head enables a larger container capacity.
- Easy emptying of the container by connecting the hose and machine head.

### 2 Storage rack and fixing options

- Toolboxes can be placed on the flat machine head without slipping thanks to its rubberised surfaces.
- Transport eyelets facilitate secure fixing with conventional anchoring straps.

## NT 40/1 Tact Te L

- PES flat pleated filter
- Antistatic preparation
- Optional push handle

### Technical data

Air flow	l/s	74
Vacuum	mbar / kPa	254 / 25.4
Container capacity	l	40
Max. rated input power	W	1380
Voltage	V	220-240
Standard nominal width		ID 35
Rubber power cable length	m	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	69
Weight	kg	14.4
Dimensions (L × W × H)	mm	560 × 370 × 658

### Equipment

Suction hose	m	4 / with bend
Suction tubes, stainless steel, 2 × 0.55 m	■	
Filter bag		Fleece
Wet and dry floor nozzle	mm	360
Crevice nozzle	■	
Power tool connection adapter	■	
Order No.		1.148-311.0
Price		

- Included in delivery.



# Tact CLASS



## Indispensable on construction sites and in workshops

The compact NT 30/1 Tact Te L is our mobile fine dust expert for tradesmen. It impresses with extraordinary power wherever large quantities of fine dust are generated – whether for heavy-duty use on construction sites or in workshops.

**NEW**



### 1 Tact automatic filter cleaning system

- Fully automatic and the filter cleans itself with powerful blasts of air without losing suction.
- Market-wide unique filter service life of at least 130 kg of fine dust.

### 2 Power tool connection adapter with air valve and rubber attachment

- The new power tool connection adapter ensures optimal connection to the power tool.
- The suction power can be regulated via the rotating ring on the base body of the sleeve.

## NT 30/1 Tact Te L

- PES flat pleated filter
- Antistatic preparation
- Automatic on/off switch (for power tools)

### Technical data

Air flow	l/s	74
Vacuum	mbar / kPa	254 / 25.4
Container capacity	l	30
Max. rated input power	W	1380
Voltage	V	220-240
Standard nominal width		ID 35
Rubber power cable length	m	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	69
Weight	kg	14
Dimensions (L × W × H)	mm	560 × 370 × 580

### Equipment

Suction hose	m	4 / with bend
Suction tubes, stainless steel, 2 × 0.55 m	■	
Filter bag		Fleece
Wet and dry floor nozzle	mm	360
Crevice nozzle	■	
Power tool connection adapter	■	

Order No. 1.148-211.0

Price

■ Included in delivery.

## Tact CLASS



### The all-rounder for everything and everyone

For cleaning machines, vehicles, workshop floors, and much more: the NT 30/1 Tact L is a robust and compact all-rounder for operators in diverse industries – with excellent suction power for brilliant results in all situations.

**NEW**



#### 1 Rugged container with bumpers and metal castors

- Sturdy metal castors guarantee good manoeuvrability and unrestricted mobility on construction sites.
- The rugged container protects the machine from bumps and knocks.



#### 2 Flexible hose and cord storage

- Enables secure fixing of hoses of different lengths and diameters.
- The power cord is always stored safely for transport.



#### 3 Detachable filter casing

- With the detachable filter casing, removal and replacement of the filter is dust-free.
- It is impossible to insert the flat pleated filter incorrectly.



#### 4 Central rotary switch

- Convenient switching via central rotary switch.

# TECHNICAL DATA AND EQUIPMENT

## NT 30/1 Tact L

- PES flat pleated filter
- Metal castors
- Flexible hose and cord storage

### Technical data

Air flow	l/s	74
Vacuum	mbar / kPa	254 / 25.4
Container capacity	l	30
Max. rated input power	W	1380
Voltage	V	220-240
Standard nominal width		ID 35
Rubber power cable length	m	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	69
Weight	kg	13.9
Dimensions (L × W × H)	mm	560 × 370 × 580

### Equipment

Suction hose	m	2.5 / with bend
Suction tubes, stainless steel, 2 × 0.55 m	■	
Filter bag		Fleece
Wet and dry floor nozzle	mm	360
Crevice nozzle	■	
Power tool connection adapter		-
Order No.		1.148-201.0
Price		

■ Included in delivery.

### Accessories

Product name	Order No.	Description	Price
Fleece filter bags	2.889-154.0	Fleece filter bag with 30-litre volume. Tear-resistant, dust class M, for suction hose port in machine head.	
Adv fleece filter bags	2.889-156.0	5 pcs. extra tear-resistant fleece filter bags, dust class M, for suction hose port in machine head.	
Flat pleated filter, PES	6.904-360.0	Polyester fleece, rot-proof, dust class M.	
Flat pleated filter, PTFE	6.907-455.0	Polyester fleece with PTFE coating for single-motor Tact and Ap vacuum cleaners, dust class M. Particularly suitable for very adhesive materials.	
Suction hose	2.889-134.0	2.5 m-long suction hose with new bayonet and clip fastener.	
Suction hose	2.889-135.0	4 m-long suction hose with new bayonet and clip fastener.	
Electrically conductive suction hose	2.889-136.0	Electrically conductive suction hose with new bayonet and clip fastener. Length: 2.5 m.	
Electrically conductive suction hose	2.889-137.0	4 m-long suction hose with new bayonet and clip fastener. Electrically conductive.	
Bend Adv	2.889-148.0	Ergonomic bend for the new clip system.	
Tool collar ID 35, clip-on	2.889-151.0	Electrically conductive connection bushing with secondary air slider.	
Wet and dry floor nozzle Adv	2.889-152.0	360 mm-wide wet and dry floor nozzle with easy-to-change inserts. Including brush strips and squeegees.	
Wet and dry floor nozzle Adv	2.889-153.0	360 mm-wide wet and dry floor nozzle with easy-to-change inserts, squeegees.	

## AP CLASS



### For a range of jobs – suitable for industrial and commercial use

Two powerful turbines, patented filter system, semi-automatic filter cleaning and large container capacity enable long periods of uninterrupted use with constant suction power.



#### 1 On-board storage

- The large on-board storage space on the casing head ensures that tools and accessories are always stored and close to hand.



#### 2 Integrated drain hose

- Easily accessible drain hose for convenient liquid disposal.



#### 3 ApClean (semi-automatic filter cleaning system)

- The free filter means that the user can work for long intervals without interruption.
- Optimal suction power with high efficiency.



#### 4 Hose and bend attachment

- Convenient suction hose and bend attachment for easy transport and storage.



# TECHNICAL DATA AND EQUIPMENT

## NT 75/2 Ap Me Tc

## NT 65/2 Ap

- Semi-automatic filter cleaning
- Tilting chassis
- Flat pleated filter (dust class M)

- Semi-automatic filter cleaning
- Flat pleated filter (dust class M)
- Drain hose and push handle

### Technical data

Air flow	l/s	2 × 74	2 × 74
Vacuum	mbar / kPa	254 / 25.4	254 / 25.4
Container capacity	l	75	65
Max. rated input power	W	2760	2760
Voltage	V	220-240	220-240
Standard nominal width		ID 40	ID 40
Cable length	m	10	10
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	73	73
Weight	kg	26.5	20
Dimensions (L × W × H)	mm	700 × 505 × 995	600 × 480 × 920

### Equipment

Suction hose	m	4 / with bend	4 / with bend
Suction tubes, metal 2 × 0.5 m	■	■	■
Filter bag		Paper	Paper
Wet and dry floor nozzle	mm	360	360
Crevice nozzle	■	■	■
Stainless steel container	■	-	-
Flat pleated filter		Paper	Paper
Order No.		1.667-292.0	1.667-291.0
Price			

■ Included in delivery.

### Accessories

Product name	Order No.	Description	Price
Flat pleated filter, PES	6.904-284.0	Polyester fleece, rot-proof, dust class M (also for NT 65/2 Eco / Me / Tc and NT 72/2 Eco Tc).	
Flat pleated filter, paper	6.904-283.0	Paper, dust class M (also NT 65/2 Eco / opt. for NT 75/2 Eco Tc models).	
Multi-purpose nozzle, wet/dry	6.903-018.0	Aluminium with height-adjustable rollers, brush strips (6.903-064.0) and squeegees (6.903-081.0, oil-resistant).	
Suction hose	6.906-321.0	With bayonet and clip connection, C 40.	
Plastic bend	5.031-904.0	Plastic with C 40 clip system.	
Suction tube	6.902-081.0	For use in wet, damp environments or for wet vacuuming.	

## AP CLASS



### High-performance, compact vacuum cleaners for professionals

Handy, versatile, powerful – these wet and dry vacuum cleaners for professional use offer compact dimensions and impressive equipment, including semi-automatic filter cleaning.



#### 1 ApClean (semi-automatic filter cleaning system)

- The semi-automatic filter cleaning feature keeps the filter clean for maximum suction power.



#### 2 Mobility and power

- Professional mobility guaranteed.
- The NT 25/1 combines compact design and performance for professional use.



#### 3 Practical cable storage compartment

- Hooks for safe and secure cable storage.



#### 4 No more tripping up when you're in a hurry!

- Practical cable hook for easy transport.

# TECHNICAL DATA AND EQUIPMENT

## NT 35/1 Ap

## NT 25/1 Ap

- Semi-automatic filter cleaning
- Accessory/suction hose storage
- Integrated cable hook

- Semi-automatic filter cleaning
- Accessory/suction hose storage
- Integrated cable hook

### Technical data

Air flow	l/s	74	74
Vacuum	mbar / kPa	254 / 25.4	254 / 25.4
Container capacity	l	35	25
Max. rated input power	W	1380	1380
Voltage	V	220-240	220-240
Standard nominal width		ID 35	ID 35
Cable length	m	7.5	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	70	70
Weight	kg	11.5	10.5
Dimensions (L × W × H)	mm	510 × 370 × 575	510 × 370 × 480

### Equipment

Suction hose	m	2.5 / with bend	2.5 / with bend
Suction tubes, metal 2 × 0.5 m	■	■	■
Filter bag		Fleece	Fleece
Wet and dry floor nozzle	mm	300	300
Crevice nozzle	■	■	■
Order No.		1.184-505.0	1.184-503.0
Price			

■ Included in delivery.

### Accessories

Product name	Order No.	Description	Price
Flat pleated filter, paper	6.904-367.0	Paper, dust class M.	
Flat pleated filter, PES	6.904-360.0	Polyester fleece, rot-proof, dust class M.	
Paper filter bags, × 5	6.904-210.0	Dust class M.	
Adv fleece filter bags	6.904-351.0	Fleece filter bag, extra tear-resistant, dust class M.	
All-purpose brush	6.903-863.0	Natural bristles (ox hair), bristle element 120 × 45 mm, ID 35.	

## AP CLASS



### Compact, powerful and for use anywhere

Handy, powerful, quiet and mobile: the wet and dry vacuum cleaner with its semi-automatic filter cleaning system is an ideal machine for workshops and construction sites.



#### 1 Compact dimensions

- Ergonomic handle and compact square dimensions for easy transport and storage.



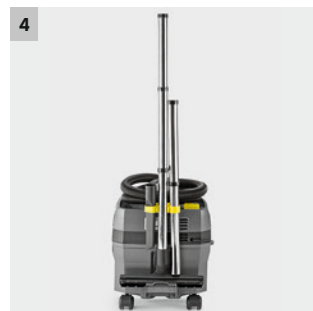
#### 2 Semi-automatic filter cleaning

- Semi-automatic filter cleaning effectively ensures constant high suction power.
- With an air flow rate of 74 l/s and a vacuum of 254 mbar, the suction power of the machine is outstanding.



#### 3 Removable filter box

- Light, dirt-free removal and damage-proof tapping of the flat pleated filter.



#### 4 Integrated accessory storage

- All of the accessories can be stowed conveniently on the machine and are therefore always close at hand.



# TECHNICAL DATA AND EQUIPMENT

## NT 20/1 Ap Te

## NT 20/1 Ap

- Semi-automatic filter cleaning
- Automatic on/off switch
- Removable filter box

- Semi-automatic filter cleaning
- Accessory/suction hose storage
- Removable filter box

### Technical data

Air flow	l/s	74	74
Vacuum	mbar / kPa	254 / 25	254 / 25
Container capacity	l	20	20
Max. rated input power	W	1380	1380
Voltage	V	220-240	220-240
Standard nominal width		ID 35	ID 35
Cable length	m	6	6
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	66	66
Weight	kg	8.5	8.5
Dimensions (L × W × H)	mm	440 × 380 × 470	440 × 380 × 470

### Equipment

Suction hose with bend	m	2.5 / with bend	2.5 / with bend
Suction tubes, metal 2 × 0.5 m	■	■	■
Filter bag		Fleece	Fleece
Wet and dry floor nozzle	mm	300	300
Crevice nozzle	■	■	■
Power tool connection adapter	■	-	-
Order No.		1.378-510.0	1.378-500.0
Price			

■ Included in delivery.

### Accessories

Product name	Order No.	Description	Price
Flat pleated filter, paper	6.904-367.0	Paper, dust class M.	
Flat pleated filter, PES	6.904-360.0	Polyester fleece, rot-proof, dust class M.	
Fleece filter bags	6.907-469.0	Fleece filter bag, tear-resistant, dust class M.	
Adv fleece filter bags	6.904-351.0	Fleece filter bag, extra tear-resistant, dust class M.	
All-purpose brush	6.903-863.0	Natural bristles (ox hair), bristle element 120 × 45 mm, ID 35.	

## AP CLASS



### The tradesman's right hand

The NT 14/1 is compact and lightweight – the ideal vacuum cleaner for tradesmen. Combines high mobility and powerful suction. Practical details allow convenient cleaning.



#### 1 Folding handle

- No bending down, no dragging. The practical handle turns the vacuum cleaner into a trolley for easy transport.



#### 2 Ample storage

- The NT 14/1 features on-board practical storage for crevice nozzle, floor nozzle or suction tube.



#### 3 Accessory storage

- Even the ultra-compact NT 14/1 Classic offers ample storage space for suction tubes and floor nozzle.



#### 4 Detachable suction unit

- The suction unit can be detached from the chassis at the push of a button, removed with one hand and attached just as easily.

# TECHNICAL DATA AND EQUIPMENT

NT 14/1 Ap Te Adv L			NT 14/1 Ap Te Adv			NT 14/1 Ap Adv		
<div><div></div><div><div></div><div></div><div></div></div></div>			<div><div></div><div><div></div><div></div><div></div></div></div>			<div><div></div><div><div></div><div></div><div></div></div></div>		
Technical data								
Air flow	l/s	61	61	61				
Vacuum	mbar / kPa	230 / 23	230 / 23	230 / 23				
Container capacity	l	14	14	14				
Max. rated input power	W	1380	1380	1380				
Voltage	V	220-240	220-240	220-240				
Standard nominal width		ID 35	ID 35	ID 35				
Cable length	m	7.5	7.5	7.5				
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	70	70	70				
Weight	kg	14.3	14.3	14.1				
Dimensions (L × W × H)	mm	545 × 465 × 410	545 × 465 × 410	545 × 465 × 410				
Equipment								
Suction hose	m	2.5 / with bend	2.5 / with bend	2.5 / with bend				
Suction tubes, metal 3 × 0.33 m		■	■	■				
Suction tubes, metal 2 × 0.5 m		-	-	-				
Filter bag		Paper	Paper	Paper				
Wet and dry floor nozzle	mm	300	300	300				
Crevice nozzle		■	■	■				
Order No.		1.510-132.0	1.510-127.0	1.510-126.0				
Price								

■ Included in delivery.

NT 14/1 Ap			NT 14/1 Classic		
<div><div></div><div><div></div><div></div><div></div></div></div> <ul style="list-style-type: none"><li>Suction unit is easy to remove</li><li>All accessories in the chassis</li><li>Easy to operate</li></ul>			<div><div></div><div><div></div><div></div><div></div></div></div> <ul style="list-style-type: none"><li>Low weight</li><li>Easy to operate</li><li>Parking position for floor nozzle</li></ul>		
Technical data					
Air flow	l/s	61	61		
Vacuum	mbar / kPa	230 / 23	230 / 23		
Container capacity	l	14	14		
Max. rated input power	W	1380	1380		
Voltage	V	220–240	220–240		
Standard nominal width		ID 35	ID 35		
Cable length	m	7.5	7.5		
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	70	70		
Weight	kg	12.6	9.8		
Dimensions (L × W × H)	mm	495 × 465 × 410	480 × 400 × 365		
Equipment					
Suction hose	m	2.5 / with bend	2.5 / with bend		
Suction tubes, metal 3 × 0.33 m		■	-		
Suction tubes, metal 2 × 0.5 m		-	■		
Filter bag		Paper	Paper		
Wet and dry floor nozzle	mm	300	300		
Crevice nozzle		■	■		
Order No.		1.510-125.0	1.510-128.0		
Price					

■ Included in delivery.

## STANDARD CLASS



### Tilt & Empty

Time-saving, with no need to bend – the NT 70 range with tilting chassis makes it easy to empty the large container: simply lift the handle and empty the dirt. Ideal for contract cleaners for wet application after floor cleaning with a single disc machine.



**1 Integrated accessory storage**

- Large bumper with accessory storage.



**2 Ergonomic push handle**

- The NT 70 has an ergonomic push handle so that the machine can be rolled.



**3 Tilting chassis**

- Quick and easy: the container tilts back for easy emptying.



**4 Ergonomic lifting handle**

- The ergonomic handle – at the front and at the bottom of the container – makes handling easy.



# TECHNICAL DATA AND EQUIPMENT

		NT 70/3 Me Tc	NT 70/2 Me Tc	NT 70/3 Tc
		<ul style="list-style-type: none"> <li>Tilting chassis and large wheels</li> <li>Ergonomic push handle</li> <li>Stainless steel container</li> </ul>	<ul style="list-style-type: none"> <li>Tilting chassis and large wheels</li> <li>Ergonomic push handle</li> <li>Stainless steel container</li> </ul>	<ul style="list-style-type: none"> <li>Tilting chassis and large wheels</li> <li>Ergonomic push handle</li> <li>Optional wet filter available</li> </ul>
<b>Technical data</b>				
Air flow	l/s	3 × 56	2 × 56	3 × 56
Vacuum	mbar / kPa	208 / 20.8	208 / 20.8	208 / 20.8
Container capacity	l	70	70	70
Max. rated input power	W	3600	2400	3600
Voltage	V	220-240	220-240	220-240
Standard nominal width		ID 40	ID 40	ID 40
Cable length	m	10	10	10
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	79	75	79
Weight	kg	28.8	26.7	27.6
Dimensions (L × W × H)	mm	510 × 645 × 990	510 × 645 × 990	510 × 645 × 990
<b>Equipment</b>				
Suction hose	m	4 / with bend	4 / with bend	4 / with bend
Suction tubes, metal 2 × 0.5 m		■	■	■
Wet and dry floor nozzle	mm	400	400	400
Crevice nozzle		■	■	■
Cartridge filter		Paper	Paper	Paper
Order No.		1.667-274.0	1.667-272.0	1.667-273.0
Price				

■ Included in delivery.

## NT 70/2 Tc

		<ul style="list-style-type: none"> <li>Tilting chassis and large wheels</li> <li>Ergonomic push handle</li> <li>Optional wet filter available</li> </ul>
<b>Technical data</b>		
Air flow	l/s	2 × 56
Vacuum	mbar / kPa	208 / 20.8
Container capacity	l	70
Max. rated input power	W	2400
Voltage	V	220-240
Standard nominal width		ID 40
Cable length	m	10
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	75
Weight	kg	25.4
Dimensions (L × W × H)	mm	510 × 645 × 990
<b>Equipment</b>		
Suction hose	m	4 / with bend
Suction tubes, metal 2 × 0.5 m		■
Wet and dry floor nozzle	mm	400
Crevice nozzle		■
Cartridge filter		Paper
Order No.		1.667-271.0
Price		

■ Included in delivery.

## STANDARD CLASS



### The vacuuming professionals

Kärcher quality at an affordable price: the NT 70 range offers powerful vacuum cleaners with up to three motors. With their high suction power, these vacuum cleaners effortlessly pick up liquids and coarse dirt.



1

#### 1 2 motors

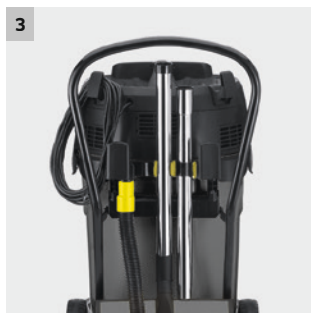
- Choose between one or two motors. Both can be switched on and off at the front as required.



2

#### 2 Easy to use

- The container is easy to empty via the drain hose. Extremely practical due to the very large 70-litre container capacity.



3

#### 3 Integrated accessory storage

- Large bumper with accessory storage.



4

#### 4 Ergonomic push handle

- The NT 70 has an ergonomic push handle so that the machine can be rolled.

# TECHNICAL DATA AND EQUIPMENT

		NT 70/2 Adv	NT 70/2 Me	NT 70/3
		<ul style="list-style-type: none"> <li>■ Robust bumper, large wheels</li> <li>■ Ergonomic push handle</li> <li>■ Wide nozzle</li> </ul>	<ul style="list-style-type: none"> <li>■ Stainless steel container</li> <li>■ Ergonomic push handle</li> <li>■ Optional wet filter available</li> </ul>	<ul style="list-style-type: none"> <li>■ Robust bumper, large wheels</li> <li>■ Ergonomic push handle</li> <li>■ Optional wet filter available</li> </ul>
<b>Technical data</b>				
Air flow	l/s	2 × 56	2 × 56	3 × 56
Vacuum	mbar / kPa	208 / 20.8	208 / 20.8	208 / 20.8
Container capacity	l	70	70	70
Max. rated input power	W	2400	2400	3600
Voltage	V	220-240	220-240	220-240
Standard nominal width		ID 40	ID 40	ID 40
Cable length	m	10	10	10
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	75	75	79
Weight	kg	26	25.6	27.6
Dimensions (L × W × H)	mm	510 × 740 × 1010	510 × 740 × 1010	510 × 740 × 1010
<b>Equipment</b>				
Suction hose	m	4 / with bend	4 / with bend	4 / with bend
Suction tubes, metal 2 × 0.5 m		■	■	■
Wet and dry floor nozzle	mm	400	400	400
Crevice nozzle		■	■	■
Cartridge filter		Paper	Paper	Paper
Order No.		1.667-278.0	1.667-275.0	1.667-270.0
Price				

■ Included in delivery.

		NT 70/2	NT 70/1
		<ul style="list-style-type: none"> <li>■ Robust bumper, large wheels</li> <li>■ Ergonomic push handle</li> <li>■ Optional wet filter available</li> </ul>	<ul style="list-style-type: none"> <li>■ Robust bumper, large wheels</li> <li>■ Ergonomic push handle</li> <li>■ Optional wet filter available</li> </ul>
<b>Technical data</b>			
Air flow	l/s	2 × 56	56
Vacuum	mbar / kPa	208 / 20.8	208 / 20.8
Container capacity	l	70	70
Max. rated input power	W	2400	1200
Voltage	V	220-240	220-240
Standard nominal width		ID 40	ID 40
Cable length	m	10	10
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	75	73
Weight	kg	24.9	22.6
Dimensions (L × W × H)	mm	510 × 740 × 1010	510 × 740 × 1010
<b>Equipment</b>			
Suction hose	m	4 / with bend	4 / with bend
Suction tubes, metal 2 × 0.5 m		■	■
Wet and dry floor nozzle	mm	400	400
Crevice nozzle		■	■
Cartridge filter		Paper	Paper
Order No.		1.667-269.0	1.667-268.0
Price			

■ Included in delivery.

## STANDARD CLASS



### The high suction power Standard class

Robust, affordable, versatile: these standard high-performance entry-level wet and dry vacuum cleaners easily pick up dirt and water, are mobile and ideal for cleaning small to medium-sized areas.



#### 1 Container emptying

- Easily accessible drain hose for convenient liquid disposal.



#### 2 Accessory storage

- Accessories can be attached to the container at the rear of the machine.



#### 3 Robust metal latches

- These extremely robust latches lock even more reliably.



#### 4 Robust bumper

- The NT 48/1 has a bumper to protect it as well as walls, machines and other items against damage.



# TECHNICAL DATA AND EQUIPMENT

NT 48/1 Te			NT 48/1		NT 27/1 Me Adv	
<div><div></div><div>■ Plastic container</div><div>■ Drain hose</div><div>■ Power outlet</div></div>			<div><div></div><div>■ All-purpose brush</div><div>■ Cartridge filter with enlarged filter area</div><div>■ Drain hose</div></div>		<div><div></div><div>■ Cartridge filter with enlarged filter area</div><div>■ Stainless steel container</div><div>■ Wide wet suction nozzle</div></div>	
Technical data						
Air flow	l/s	67	67	67		
Vacuum	mbar / kPa	200 / 20	200 / 20	200 / 20		
Container capacity	l	48	48	27		
Max. rated input power	W	1380	1380	1380		
Voltage	V	220–240	220–240	220–240		
Standard nominal width		ID 35	ID 35	ID 35		
Cable length	m	7.5	7.5	7.5		
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	72	72	72		
Weight	kg	10.5	10.5	8.2		
Dimensions (L × W × H)	mm	490 × 390 × 780	490 × 390 × 780	420 × 420 × 540		
Equipment						
Suction hose with bend	m	2.5 / with bend	2.5 / with bend	2.5 / with bend		
Suction tubes, metal 2 × 0.5 m		■	■	■		
Filter bag		Paper	Paper	Paper		
Wet and dry floor nozzle	mm	400	400	400		
Crevice nozzle		■	■	■		
Cartridge filter		Paper	Paper	Paper		
Order No.		1.428-625.0	1.428-620.0	1.428-114.0		
Price						
■ Included in delivery						

■ Included in delivery.

NT 27/1 Me			NT 27/1 Adv		NT 27/1	
<div><div></div><div><div></div><div></div><div></div></div></div>			<div><div></div><div><div></div><div></div><div></div></div></div>		<div><div></div><div><div></div><div></div><div></div></div></div>	
Technical data						
Air flow	l/s	67	67	67		
Vacuum	mbar / kPa	200 / 20	200 / 20	200 / 20		
Container capacity	l	27	27	27		
Max. rated input power	W	1380	1380	1380		
Voltage	V	220–240	220–240	220–240		
Standard nominal width		ID 35	ID 35	ID 35		
Cable length	m	7.5	7.5	7.5		
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	72	72	72		
Weight	kg	8.2	7.5	7.5		
Dimensions (L × W × H)	mm	420 × 420 × 540	420 × 420 × 525	420 × 420 × 525		
Equipment						
Suction hose with bend	m	2.5 / with bend	2.5 / with bend	2.5 / with bend		
Suction tubes, metal 2 × 0.5 m		■	■	■		
Filter bag		Paper	Paper	Paper		
Wet and dry floor nozzle	mm	300	400	300		
Crevice nozzle		■	■	■		
Cartridge filter		Paper	Paper	Paper		
Order No.		1.428-100.0	1.428-520.0	1.428-500.0		
Price						

■ Included in delivery.

## NT CLASSIC WITH TWO MOTORS



### NT Classic range: extra powerful and easy to use

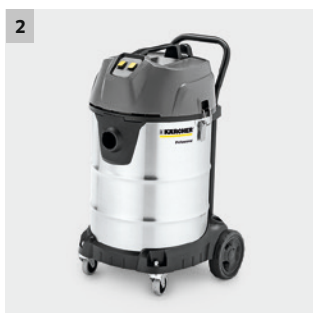
High suction power, easy handling, robust – these two-motor wet and dry vacuum cleaners demonstrate outstanding performance for all wet and coarse dirt vacuuming. With cartridge filter and Easy Service Concept.



1

#### 1 Vacuum without filter bags

- The two-motor NT Classic machines are fitted with the tried-and-tested Kärcher cartridge filter.
- The cartridge filter allows non-stop vacuuming without filter bag.



2

#### 2 Robust and easy to transport

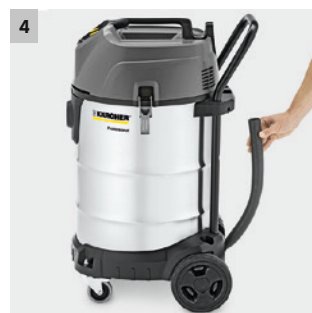
- Extremely mobile on all surfaces thanks to the robust chassis, large wheels and metal castors.
- The standard push handle ensures easy transport.



3

#### 3 Excellent suction power

- 2 powerful turbines ensure outstanding suction power.
- The strong suction power ensures excellent cleaning results and the utmost efficiency.



4

#### 4 Drain hose

- Easily accessible drain hose for convenient liquid disposal.

# TECHNICAL DATA AND EQUIPMENT

## NT 90/2 Me Classic Edition

## NT 70/2 Me Classic Edition

## NT 50/2 Me Classic Edition

- Strong suction power
- Simple turbine change
- Drain hose

- Strong suction power
- Simple turbine change
- Drain hose

- Strong suction power
- Simple turbine change
- Robust chassis

### Technical data

Air flow	l/s	2 × 53	2 × 53	2 × 53
Vacuum	mbar / kPa	225 / 22.5	225 / 22.5	225 / 22.5
Container capacity	l	90	70	50
Max. rated input power	W	2300	2300	2300
Voltage	V	220-240	220-240	220-240
Standard nominal width		ID 40	ID 40	ID 40
Cable length	m	7.5	7.5	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	76	76	76
Weight	kg	19	18	17.5
Dimensions (L × W × H)	mm	560 × 502 × 977	560 × 502 × 832	560 × 502 × 687

### Equipment

Suction hose	m	2.5 / with bend	2.5 / with bend	2.5 / with bend
Suction tubes, metal 2 × 0.5 m		■	■	■
Stainless steel container		■	■	■
Crevice nozzle		■	■	■
Cartridge filter		■	■	■
Wet and dry floor nozzle	mm	360	360	360
Dry floor nozzle	mm	360	360	360
Order No.		1.667-700.0	1.667-306.0	1.667-030.0
Price				

■ Included in delivery.

## NT 50/1 Me Classic Edition

- Strong suction power
- Simple turbine change
- Robust chassis

### Technical data

Air flow	l/s	53
Vacuum	mbar / kPa	225 / 22.5
Container capacity	l	50
Max. rated input power	W	1150
Voltage	V	220-240
Standard nominal width		ID 40
Cable length	m	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	73
Weight	kg	16
Dimensions (L × W × H)	mm	560 × 502 × 687

### Equipment

Suction hose	m	2.5 / with bend
Suction tubes, metal 2 × 0.5 m		■
Stainless steel container		■
Crevice nozzle		■
Cartridge filter		■
Wet and dry floor nozzle	mm	360
Dry floor nozzle	mm	360
Order No.		1.667-010.0
Price		

■ Included in delivery.

## NT CLASSIC SINGLE MOTOR



### Compact universal units in the NT Classic range

The compact and robust wet and dry vacuum cleaners in the single-motor Kärcher NT Classic range impress with their Easy Service Concept, low operation and maintenance costs, and reliable filter engineering.



#### 1 Compact, robust and mobile

- Excellent stability, easy manoeuvrability and convenient transport thanks to its slimline form and 4 castors.
- The bumper offers secure all-round protection for the vacuum cleaner and equipment.



#### 2 Excellent suction power

- NT Classic machines with a powerful 1,500 W turbine reliably pick up all kinds of dirt.
- For excellent cleaning results.



#### 3 Vacuum without filter bags

- The single-motor NT Classic machines are fitted with the tried-and-tested Kärcher cartridge filter.
- The cartridge filter allows non-stop vacuuming without filter bag.



#### 4 Service and comfort

- Sensationally fast: the Easy Service Concept allows removal of the turbine in just 44 seconds.
- Rapid turbine replacement saves time and costs.



# TECHNICAL DATA AND EQUIPMENT

		NT 38/1 Me Classic Edition	NT 30/1 Me Classic Edition	NT 20/1 Me Classic Edition
		<ul style="list-style-type: none"> <li>■ Easy Service Concept</li> <li>■ Strong suction power</li> <li>■ Cartridge filter or permanent filter basket</li> </ul>	<ul style="list-style-type: none"> <li>■ Easy Service Concept</li> <li>■ Strong suction power</li> <li>■ Cartridge filter or permanent filter basket</li> </ul>	<ul style="list-style-type: none"> <li>■ Easy Service Concept</li> <li>■ Strong suction power</li> <li>■ Cartridge filter or permanent filter basket</li> </ul>
<b>Technical data</b>				
Air flow	l/s	59	59	59
Vacuum	mbar / kPa	227 / 22.7	227 / 22.7	227 / 22.7
Container capacity	l	36	30	20
Max. rated input power	W	1500	1500	1500
Voltage	V	220-240	220-240	220-240
Standard nominal width		ID 35	ID 35	ID 35
Cable length	m	6.5	6.5	6.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	78	78	78
Weight	kg	8.6	8	7.4
Dimensions (L × W × H)	mm	375 × 360 × 735	375 × 360 × 645	375 × 360 × 520
<b>Equipment</b>				
Suction hose	m	2.5 / with bend	2.5 / with bend	2.5 / with bend
Suction tubes, metal 2 × 0.5 m		■	■	■
Stainless steel container		■	■	■
Crevice nozzle		■	■	■
Filter bag		Paper	Paper	Paper
Wet and dry floor nozzle	mm	360	360	360
Dry floor nozzle	mm	360	360	360
Order No.		1.428-538.0	1.428-568.0	1.428-548.0
Price				

■ Included in delivery.

# SAFETY VACUUM CLEANERS



## Built for explosive dust

Our explosion-proof wet and dry vacuum cleaners are approved for danger class Zone 22 and are thus ideal for use in potentially explosive atmospheres and for vacuuming explosive dust.



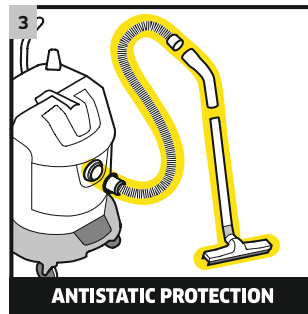
**1 Zone 22 + dust class M**

- For combustible dusts in dust explosion classes, Zone 22 and health-endangering dusts, namely class M.



**2 Safety first**

- The NT 80/1 B1 M S features automatic water level control and can only be operated with a sufficient water level.



**3 Antistatic system**

- All Kärcher safety vacuum cleaners feature a continuous antistatic system with conductive accessories.



**4 Variable speed control**

- The brushless EC drive has a life expectancy of 5,000 hours – ideal for continuous use.

# TECHNICAL DATA AND EQUIPMENT

## NT 75/1 Me Ec H Z22

## NT 80/1 B1 M S

- Brushless EC drive (5,000 h)
- Antistatic system
- Suitable for asbestos

- Antistatic system
- Stainless steel container
- For drive load powder residue

### Technical data

Air flow	l/s	61	56
Vacuum	mbar / kPa	220 / 22	235 / 23.5
Container capacity	l	75	80
Max. rated input power	W	1000	1380
Voltage	V	220-240	220-240
Standard nominal width		ID 40	ID 40
Cable length	m	10	10
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	76	70
Weight	kg	24.8	32
Dimensions (L × W × H)	mm	640 × 540 × 925	660 × 520 × 1078

### Equipment

Suction hose	m	4 / with bend	4 / with bend
Suction tube, metal, 1 × 1.0 m	■	■	■
Filter bag		Fleece	-
Safety filter set	■	■	■
Wet and dry floor nozzle	mm	360	370
Crevice nozzle	■	■	■
Stainless steel container	■	■	■
Flat pleated filter		Fibreglass	-
Order No.		1.667-239.0	1.667-267.0
Price			

- Included in delivery.

# SAFETY VACUUM CLEANERS



## The specialists for dangerous dusts

Safety vacuum cleaners in dust class H are designed to safely vacuum carcinogenic and other pathogenic dusts such as asbestos. With 99.995% dust retention capacity, antistatic system and electrically conductive accessories, our H safety vacuum cleaners ensure absolute safety and convenient operation.



### 1 Hose selector switch

- The diameter of the connected suction hose can be selected in the operating field.

### 2 Approved for asbestos dust

- Only dust class H safety vacuum cleaners approved with the additional test for asbestos (according to TRGS 519) may be used for dust containing asbestos in Germany. Our H class safety vacuum cleaners have this approval.

#### NT 75/1 Tact Me Te H

#### NT 45/1 Tact Te H

#### NT 35/1 Tact Te H

		NT 75/1 Tact Me Te H	NT 45/1 Tact Te H	NT 35/1 Tact Te H
		<ul style="list-style-type: none"> <li>■ Antistatic system</li> <li>■ Automatic on/off switch</li> <li>■ Suitable for asbestos</li> </ul>	<ul style="list-style-type: none"> <li>■ Antistatic system</li> <li>■ Automatic on/off switch</li> <li>■ Suitable for asbestos</li> </ul>	<ul style="list-style-type: none"> <li>■ Antistatic system</li> <li>■ Automatic on/off switch</li> <li>■ Suitable for asbestos</li> </ul>
<b>Technical data</b>				
Air flow	l/s	74	74	74
Vacuum	mbar / kPa	254 / 25.4	254 / 25.4	254 / 25.4
Container capacity	l	75	45	35
Max. rated input power	W	1000	1000	1000
Voltage	V	220-240	220-240	220-240
Standard nominal width	ID 35	ID 35	ID 35	ID 35
Rubber power cable length	m	10	7.5	7.5
Sound pressure level EN 60335-2-69	dB(A)	67	67	67
Uncertainty K = 1 dB(A)				
Weight	kg	24.6	13.5	13
Dimensions (L × W × H)	mm	640 × 540 × 925	517 × 375 × 687	517 × 375 × 572
<b>Equipment</b>				
Suction hose with bend (electrically conductive)	m	2.5 / with bend	2.5 / with bend	2.5 / with bend
Suction tubes, stainless steel, 2 × 0.5 m		■	■	■
Filter bag		Paper	Fleece	Fleece
Safety filter set		■	■	■
Wet and dry floor nozzle	mm	360	300	300
Crevice nozzle		■	■	■
Flat pleated filter		Fibreglass	Fibreglass	Fibreglass
Order No.		1.667-294.0	1.145-838.0	1.184-858.0
Price				

■ Included in delivery.

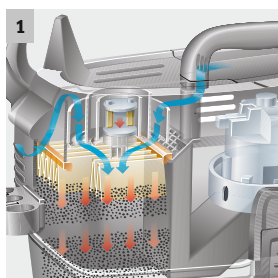


# SAFETY VACUUM CLEANERS

## Dust under control



Fine dusts that can be inhaled and that may be harmful to health can form on construction sites and during renovation works. With Kärcher's dust class M safety vacuum cleaners, these dusts can be vacuumed safely – and, thanks to the Tact system, in large quantities.



### 1 Tact system (Tact Automatic Filter Cleaning System)

- Fully automatic and the filter cleans itself with powerful blasts of air without losing suction.
- Our Tact vacuum cleaner offers the only filter cleaning system on the market with a filter life of at least 130 kg of fine dust.

### 2 Electronic volume flow monitoring

- For maintaining the legally prescribed air speed of 20 m/s for safety vacuum cleaners.

		NT 55/1 Tact Te M	NT 45/1 Tact Te M	NT 35/1 Tact Te M
		<ul style="list-style-type: none"> <li>■ Antistatic system</li> <li>■ Automatic on/off switch</li> <li>■ Electronic volume flow monitoring</li> </ul>	<ul style="list-style-type: none"> <li>■ Antistatic system</li> <li>■ Automatic on/off switch</li> <li>■ Electronic volume flow monitoring</li> </ul>	<ul style="list-style-type: none"> <li>■ Antistatic system</li> <li>■ Automatic on/off switch</li> <li>■ Electronic volume flow monitoring</li> </ul>
<b>Technical data</b>				
Air flow	l/s	74	74	74
Vacuum	mbar / kPa	254 / 25.4	254 / 25.4	254 / 25.4
Container capacity	l	55	45	35
Max. rated input power	W	1380	1380	1380
Voltage	V	220-240	220-240	220-240
Standard nominal width		ID 35	ID 35	ID 35
Rubber power cable length	m	7.5	7.5	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	67	67	67
Weight	kg	17.2	13.5	13
Dimensions (L × W × H)	mm	580 × 375 × 864	517 × 375 × 687	517 × 375 × 572
<b>Equipment</b>				
Suction hose	m	2.5 / with bend	2.5 / with bend	2.5 / with bend
Suction tubes, stainless steel, 2 × 0.5 m	■	■	■	■
Filter bag		Fleece	Fleece	Fleece
Wet and dry floor nozzle	mm	300	300	300
Crevice nozzle	■	■	■	■
Flat pleated filter		Paper	Paper	Paper
Order No.		1.146-823.0	1.145-837.0	1.184-857.0
Price				

■ Included in delivery.

## SPECIAL VACUUMS



### Integrated wastewater pump

Professional wet and dry vacuum cleaner with integrated disposal pump for industry, contract cleaners and fire brigades. With its electrical safety features, the new NT 611 Mwf is state-of-the-art and fulfils even the strictest safety requirements of fire brigades.



#### 1 Integrated accessory storage

- Large bumper with accessory storage.

#### 2 Integrated wastewater pump

- Large quantities of liquid can be disposed of via the disposal pump to allow continuous use.

#### NT 611 Mwf

#### NT 611 ECO K

- With dirty water pump
- IP68 connector; PRCD-K switch
- C-coupling with shut-off valve

- Filter cleaning mechanism
- For dry vacuuming (with optional filter)
- With integrated wastewater pump

#### Technical data

Air flow	l/s	57	57
Vacuum	mbar / kPa	235 / 23.5	235 / 23.5
Container capacity	l	55	55
Max. rated input power	W	2350	2350
Voltage	V	220-240	220-240
Disposal pump power rating	W	800	800
Standard nominal width		ID 40	ID 40
Cable length	m	10	10
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	63	63
Weight	kg	23	23
Dimensions (L × W × H)	mm	625 × 465 × 910	350 × 725 × 525

#### Equipment

Suction hose	m	4 / with bend	4 / with bend
Suction tubes, metal 2 × 0.5 m	■	■	■
Wet and dry floor nozzle	mm	370 / Aluminium	360
Crevice nozzle	■	■	■
Coarse filter for wet vacuuming	■	■	■
Order No.		1.146-601.0	1.146-209.0
Price			

- Included in delivery.

## SPECIAL VACUUMS



### Special vacuum cleaners for special cleaning tasks

The Bs model series features heat-resistant containers and PES flat pleated filters in dust class M – ideal for bakeries for example. With Tact system for constant suction power.



#### 1 The vacuum cleaner for bakeries

- The plastic container is acid, lye and heat resistant.
- The optional accessory kits were developed specially for use in bakeries.

#### 2 Heat-resistant PES flat pleated filter

- The machine has a heat-resistant PES flat pleated filter, dust class M – ideal for effortless removal of dust and dirt in bakeries.

#### NT 55/1 Tact Bs

#### NT 35/1 Tact Bs

- Antistatic preparation
- Tact Automatic Filter Cleaning System
- Accessory holder for oven nozzle

- Antistatic preparation
- Tact Automatic Filter Cleaning System
- Accessory holder for oven nozzle

#### Technical data

Air flow	l/s	61	61
Vacuum	mbar / kPa	230 / 23	230 / 23
Container capacity	l	55	35
Max. rated input power	W	1380	1380
Voltage	V	220-240	220-240
Standard nominal width		ID 35	ID 35
Cable length	m	7.5	7.5
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	63	63
Weight	kg	15	12.8
Dimensions (L × W × H)	mm	580 × 375 × 865	580 × 375 × 517

#### Equipment

Flat pleated filter	PES	PES
Order No.	1.146-700.0	1.184-700.0
Price		

## ACCESSORIES FOR UNLIMITED APPLICATIONS

Kärcher wet and dry vacuum cleaners feature exemplary functionality and safety – and remove dirt and liquids without residue. The comprehensive range of accessories makes the vacuum cleaners suitable for a wide range of tasks. Because only the perfect interplay of machine and optimally adapted accessories guarantees maximum cleaning performance and the best results. All accessories can be stored safely on the machine – for easy access.



### Table of contents: Accessories for wet and dry vacuum cleaners

Target-group-specific accessory kits	Page	262
Filter bags	Page	264
Filters	Page	266
Suction nozzles, suction tubes and bends	Page	268
Connecting adapters	Page	276
Suction hoses	Page	278
Other accessories	Page	282





### 1 Easy to use

The smarter and better the individual parts interlock, the easier the work is. With the new wet and dry vacuum cleaners, we have completely redesigned all interfaces. The result: all accessories can now be separated and joined much more quickly and easily, while the connections are even sturdier.

### 2 Optimal accessory storage

What use is the best accessory if in practice the user always has to search for it? With our wet and dry vacuum cleaners, all standard accessories are ready to hand and securely stored at all times directly on and in the machine. For example, the crevice nozzle and special tool adapter are integrated on the side in the machine head. Just as clever is the new, flexible hose storage for hoses in different lengths and diameters.

### 3 Metal nozzles

For particularly tough applications, metal and aluminium nozzles are available as special accessories.

### 4 Vacuuming without a filter bag

Flat pleated filters and cartridge filters enable all wet and dry vacuum cleaners to be used for vacuuming without filter bags. This reduces costs and allows longer periods of uninterrupted use.

### 5 Optimal connections

With its flexible rubber attachment, the new special tool adapter fits all common power tools perfectly. The suction power is conveniently adjusted using a rotating ring directly on the adapter.

### 6 Better filtration means more economical filtration

Kärcher fleece filter bags are more economical: double the dust intake capacity compared with paper filter bags, 10% better separation degree and long life reduce material costs considerably.

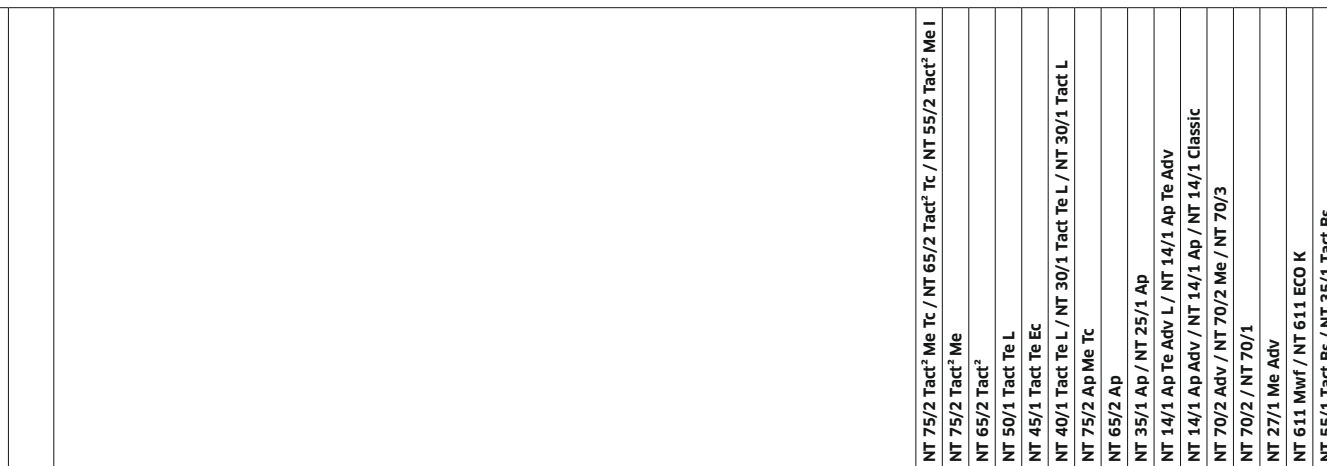
## TARGET-GROUP-SPECIFIC ACCESSORY KITS



From heating boilers to vehicle cleaning: Kärcher accessory kits offer the right equipment for specific uses, transforming vacuums into special vacuums in next to no time.

		Order No.	ID	Price	Description
<b>Target-group-specific accessory kits for vacuum cleaners</b>					
Wet and dry vacuuming kit, ID 40, electrically conductive	1	2.638-147.0	ID 40		Wet and dry vacuuming kit, electrically conductive.
Horse kit, electrically conductive	2	2.637-248.0	ID 40		Horse kit, electrically conductive.
Accessory kit for sanding, electrically conductive	3	2.862-167.0	ID 27		Accessory kit for power tools, electrically conductive.
Omnibus kit attachment kit	4	2.640-560.0	ID 40		Omnibus kit attachment kit.
Oven kit	5	2.640-341.0	ID 35		Oven kit.
Baker's kit, electrically conductive	6	2.640-436.0	ID 40		Bakery kit, electrically conductive.
Universal kit for industrial and commercial use	7	2.637-595.0	ID 35		Universal kit for industrial and commercial use.
Heating boiler cleaning kit	8	2.638-852.0	ID 35		Heating boiler cleaning kit.
Construction kit	9	2.637-352.0	ID 40		Construction kit.
Professional cleaning kit	10	2.637-353.0	ID 40		Professional cleaning kit.
Car cleaning accessory kit	11	2.862-166.0	ID 35		Car cleaning kit.
Fire brigade kit	12	2.637-360.0	ID 40		Fire brigade kit.
Industrial kit	13	2.637-355.0	ID 61		Industrial kit.
Swarf kit	14	2.640-760.0	ID 61		Swarf kit.

☐ Available accessories. More Kärcher original accessories can be found on the following pages.

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# FILTER BAGS



With Kärcher filter bags made from paper and fleece material, dry dirt and dust can be disposed of conveniently.


■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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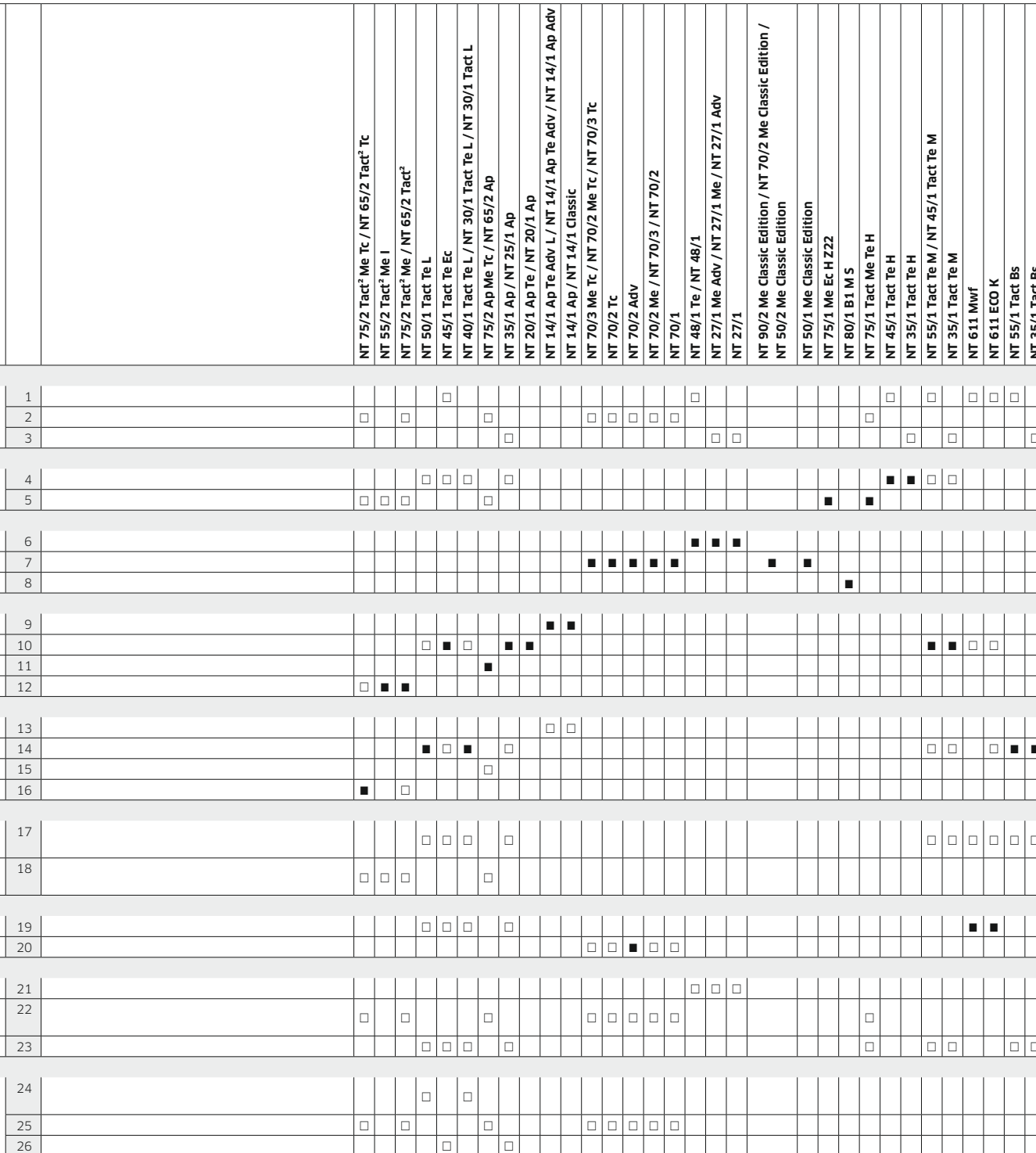
# FILTERS



The ideal filter for every application: Kärcher flat pleated filters are available in a variety of materials – from standard cellulose filters to PTFE filters for problem dusts like moist concrete.

		Order No.	Quantity	Price	Description
Wet filter bag					
Wet filter bag	1	6.904-211.0	5 piece(s)		Dust class L, general cleaning, dry and wet, tear-resistant.
	2	6.904-252.0	5 piece(s)		
	3	6.904-171.0	5 piece(s)		
HEPA, dust class H filter					
HEPA flat pleated filter	4	6.904-242.0	1 piece(s)		HEPA flat pleated filter, dust class H (HEPA 13).
	5	6.904-364.0	1 piece(s)		
Cartridge filter, paper					
Cartridge filter, paper	6	6.414-789.0	1 piece(s)		Paper, larger filter area.
	7	6.907-038.0	1 piece(s)		Paper, dust class M tested.
	8	6.414-808.0	1 piece(s)		Paper/metal, vacuum filter, filter for fan motor.
Flat pleated filter, paper					
Flat pleated filter, paper	9	6.904-156.0	1 piece(s)		Paper, dust class M. (Also for NT 351 Eco models).
	10	6.904-367.0	1 piece(s)		Paper, dust class M.
	11	6.904-283.0	1 piece(s)		Paper, dust class M (also NT 65/2 Eco / opt. for NT 75/2 Eco Tc models).
	12	6.907-276.0	1 piece(s)		Paper, approved for dust class M.
Flat pleated filter, PES					
Flat pleated filter, PES	13	6.906-123.0	1 piece(s)		Polyester fleece, rot-proof, dust class M (also for NT 351 Eco models).
	14	6.904-360.0	1 piece(s)		Polyester fleece, rot-proof, dust class M.
	15	6.904-284.0	1 piece(s)		Polyester fleece, rot-proof, dust class M (also for NT 65/2 Eco / Me / Tc and NT 72/2 Eco Tc).
	16	6.907-277.0	1 piece(s)		Polyester fleece, rot-proof, dust class M.
Flat pleated filter, PTFE					
Flat pleated filter, PTFE	17	6.907-455.0	1 piece(s)		Polyester fleece with PTFE coating for single-motor Tact and Ap vacuum cleaners, dust class M. Particularly suitable for very adhesive materials.
	18	6.907-449.0	1 piece(s)		Polyester fleece with PTFE coating, dust class M, for Tact² vacuum cleaners. Particularly suitable for very adhesive materials.
Coarse dirt filter for wet vacuuming					
Coarse dirt filter	19	6.904-287.0	1 piece(s)		Metal, perforated, not suitable for dry use.
Foam filter	20	2.889-083.0	1 piece(s)		Foam filter for wet vacuuming, alternative to cartridge filter.
Fabric filter					
Membrane filter	21	6.906-103.0	1 piece(s)		Polyester needle fleece, washable (40°C).
	22	6.904-282.0	1 piece(s)		Polyester needle fleece, dust class M, washable (40°C). Not suitable for dust class H applications.
	23	6.904-212.0	1 piece(s)		Polyester needle fleece, washable (40°C).
Plastic sacks for dust-free disposal					
Plastic bag for dust-free disposal	24	2.889-158.0	10 piece(s)		PE plastic sack for dust-free disposal.
	25	6.900-698.0	10 piece(s)		
	26	6.596-886.0	10 piece(s)		

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



# SUCTION NOZZLES, SUCTION TUBES AND BENDS



Only the right accessories in the right combination make a vacuum cleaner the ideal machine. Every cleaning task can be carried out using efficient and durable floor nozzles and small nozzles.

		Order No.	Quantity	ID	Length	Width	Price	Description
Car cleaning nozzles								
Car nozzle	1	6.900-952.0	1 piece(s)	ID 40		90 mm		Plastic.
	2	6.906-108.0	1 piece(s)	ID 35		90 mm		
Turbo nozzles								
Turbo upholstery nozzle	3	2.860-113.0	1 piece(s)	ID 32		160 mm		Upholstery nozzle, plastic, with reduction bushing ID 35/32.
Turbo floor nozzle	4	2.860-114.0	1 piece(s)	ID 32		270 mm		Floor nozzle, plastic, with reduction bushing ID 35/32, 270 mm.
Floor nozzles								
Wet and dry floor nozzle Adv	5	2.889-152.0	1 piece(s)	ID 35		360 mm		360 mm-wide wet and dry floor nozzle with easy-to-change inserts. Including brush strips and squeegees.
Wet and dry floor nozzle	6	2.889-118.0	1 piece(s)	ID 35		400 mm		Multi-purpose nozzle (ID 35) for wet vacuum cleaning of large areas. The squeegee and brush can be replaced quickly and easily.
Wet and dry floor nozzle Adv	7	2.889-153.0	1 piece(s)	ID 40		360 mm		360 mm-wide wet and dry floor nozzle with easy-to-change inserts, squeegees.
Wet and dry floor nozzle	8	6.907-512.0	1 piece(s)	ID 35		400 mm		Multi-purpose nozzle (ID 35) for wet vacuum cleaning of large areas. The squeegee and brush can be replaced quickly and easily.
	9	2.889-117.0	1 piece(s)	ID 40		400 mm		The wet and dry floor nozzle (ID 40) enables a quick squeegee/brush change and is suitable for wet vacuum cleaning of large areas.
	10	6.907-510.0	1 piece(s)	ID 40		400 mm		
Floor nozzle, wet	11	9.770-880.0	1 piece(s)	ID 40		360 mm		Wet and dry floor nozzle
Floor nozzle, dry	12	9.770-949.0	1 piece(s)	ID 40		350 mm		Plastic dry floor nozzle with side rollers and brush strips.
Wet and dry floor nozzle	13	9.770-645.0	1 piece(s)	ID 40		360 mm		Plastic, with rollers, ID 40.
	14	4.763-244.0	1 piece(s)	ID 40		360 mm		Multi-purpose nozzle (ID 40), plastic, 360 mm working width. With side rollers, brush strips (6.905-878.0) and squeegees (6.905-877.0).
Wet and dry floor nozzle, non-interchangeable	15	4.130-399.0	1 piece(s)	ID 40		450 mm		Aluminium floor nozzle, grounded, non-interchangeable, 450 mm, height-adjustable. As a standard accessory for NT 80/1 B1 M S and optional for NT 75/1 Me Ec H Z22.
Wet and dry floor nozzle	16	6.906-512.0	1 piece(s)	ID 35		300 mm		Plastic with rollers, brush strips (6.903-278.0), squeegees (6.903-277.0).

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Quantity	ID	Length	Width	Price	Description
Multi-purpose nozzle, wet/dry	17	6.903-018.0	1 piece(s)	ID 40		370 mm		Aluminium with height-adjustable rollers, brush strips (6.903-064.0) and squeegees (6.903-081.0, oil-resistant).
	18	6.906-383.0	1 piece(s)	ID 40		450 mm		Aluminium with height-adjustable rollers, brush strips (6.903-065.0) and squeegees (6.906-146.0).
	19	6.906-384.0	1 piece(s)	ID 35		370 mm		Aluminium with height-adjustable rollers, brush strips (6.903-064.0) and squeegees (6.903-081.0, oil-resistant).
	20	6.906-513.0	1 piece(s)	ID 35		360 mm		Plastic with rollers, brush strips (6.905-878.0) and squeegees (6.905-877.0).
	21	6.906-554.0	1 piece(s)	ID 40		360 mm		
<b>Combi-nozzles, dry</b>								
Combi-nozzle, dry	22	6.906-511.0	1 piece(s)	ID 35		270 mm		Plastic with stainless steel soleplate, switchable, with ID 35 connection.
	23	6.906-639.0	1 piece(s)	ID 35		262 mm		Plastic with stainless steel soleplate, switchable. Only suitable for CV and wet and dry vacuum cleaners.
<b>Radiator brushes</b>								
Heater brush	24	6.903-034.0	1 piece(s)	ID 35				Plastic, for crevice nozzle (6.900-385.0).
<b>Oven nozzles</b>								
Oven nozzle	25	4.130-104.0	1 piece(s)	ID 35		350 mm		Aluminium, for oven cleaning with squeegee 6.900-517.0 and support lip 6.900-518.0, each × 2.
	26	4.130-173.0	1 piece(s)	ID 35		350 mm		For cleaning ovens with scraper.
<b>Crevice nozzles</b>								
Crevice nozzle NT Tact ID 35	27	2.889-159.0	1 piece(s)	ID 35	225 mm			Crevice nozzle ID 35, for new Tact range.
Crevice nozzle NT Tact ID 40	28	2.889-160.0	1 piece(s)	ID 40	225 mm			Crevice nozzle ID 40, for new Tact range.
Crevice nozzle	29	9.770-877.0	1 piece(s)	ID 40	300 mm			Plastic.
	30	9.770-638.0	1 piece(s)	ID 35	250 mm			
	31	6.900-385.0	1 piece(s)	ID 35	210 mm			
	32	6.900-922.0	1 piece(s)	ID 35	500 mm			Metal.
	33	6.903-033.0	1 piece(s)	ID 40	290 mm			Plastic.
	34	6.905-817.0	1 piece(s)	ID 40	400 mm			Metal.
	35	4.763-243.0	1 piece(s)	ID 40	290 mm			Plastic, non-interchangeable.
	36	6.906-240.0	1 piece(s)	ID 35	250 mm			Plastic.
<b>Pipe dusting nozzles</b>								
Pipe brush 35/100	37	6.903-035.0	1 piece(s)	ID 35				Plastic, tube diameter 100 mm.
Pipe brush 35/200	38	6.903-036.0	1 piece(s)	ID 35				Plastic, tube diameter 200 mm.
<b>Suction brushes</b>								
Suction brush	39	6.903-862.0	1 piece(s)	ID 35		70 mm		Natural bristles (cow hair), rotatable.
	40	6.903-887.0	1 piece(s)	ID 32		70 mm		Plastic brush, rotatable.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



17-19



20-21



24



25-26



27



31, 33, 35-36



32, 34



37-38

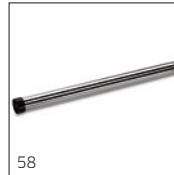


39-40

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		Order No.	Quantity	ID	Length	Width	Price	Description
Rubber suction tools, nose 45°								
Rubber suction tool, nose 45°	41	6.902-104.0	1 piece(s)	ID 35	220 mm			For vacuuming machines, oil-resistant.
	42	6.902-105.0	1 piece(s)	ID 40	220 mm			
Wide nozzles								
Wide nozzle	43	4.130-029.0 ■	1 piece(s)	ID 40		611 mm		For vacuuming large areas with the NT 50/1 Tact Te L.
	44	4.130-432.0	1 piece(s)	ID 40		644 mm		For vacuuming large areas in combination with NT 70/1, NT 70/2 or NT 70/3. (Included with NT 70/2 Professional.)
	45	4.130-401.0	1 piece(s)	ID 40		611 mm		Metal, height-adjustable, with brush strip set 6.906-751.0 and rubber strip set 6.906-750.0 for NT 55/1 Tact and NT 611 Eco.
	46	4.130-400.0	1 piece(s)	ID 40		611 mm		Metal, height-adjustable, brush strips, squeegees (for Tc variants). (Also for NT 72/2 Eco Tc).
Micro sprayer sets								
Nozzle kit	47	2.860-116.0	1 piece(s)	ID 35				Crevice nozzle, upholstery nozzle, round brush, electrically conductive.
All-purpose brushes								
All-purpose brush	48	6.900-425.0	1 piece(s)	ID 35	120 mm			Plastic, hard transparent bristles, 120 × 45 mm.
Multi-purpose brush, non-interchangeable	49	4.763-242.0	1 piece(s)	ID 40	120 mm			Natural bristles (cow hair), bristle attachment 120 × 45 mm, non-interchangeable screw connection.
Suction tubes, stainless steel								
Suction tube	50	6.902-154.0	1 piece(s)	ID 35	0.5 m			Mainly for wet vacuuming or for vacuuming corrosive media.
Suction tube set	51	2.889-175.0 ■	2 piece(s)	ID 35	0.55 m			Stainless steel suction tube set (2 × 0.55 m).
	52	2.889-182.0 ■	2 piece(s)	ID 40	0.55 m			
Suction tube	53	6.902-081.0	1 piece(s)	ID 40	0.5 m			For use in wet, damp environments or for wet vacuuming.
	54	6.906-531.0	1 piece(s)	ID 40	1 m			
Suction tubes, plastic								
Suction tube	55	6.900-384.0	1 piece(s)	ID 35	0.5 m			Plastic.
Suction tubes, metal								
Suction tube	56	6.900-514.0	1 piece(s)	ID 35	0.5 m			Metal, chrome-plated.
	57	6.900-275.0	1 piece(s)	ID 40	0.5 m			
		58	6.902-152.0	1 piece(s)	ID 35	0.33 m		
Suction tube, non-interchangeable	59	4.025-372.0	1 piece(s)	ID 40	1 m			Metal, chrome-plated – non-interchangeable with screw connection. Only suitable for use with NT 80/1 B1 M, NT 80/1 B1 M S and NT 75/1 Me Ec H Z22.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Quantity	ID	Length	Width	Price	Description
Bends, stainless steel								
Bend, stainless steel, ID 35	60	6.903-141.0	1 piece(s)	ID 35				Stainless steel.
	61	6.902-079.0	1 piece(s)	ID 40				
Bend, plastic								
Bend Adv	62	2.889-170.0 ■	1 piece(s)	ID 35				Ergonomic bend for the new clip system.
	63	2.889-148.0 ■	1 piece(s)	ID 35				
Bend Adv, electrically conductive	64	2.889-168.0 ■	1 piece(s)	ID 35				
Bend, plastic	65	5.031-718.0	1 piece(s)	ID 35				Plastic with C 35 clip system.
Bend, plastic, electrically conductive	66	5.031-939.0	1 piece(s)	ID 35				Plastic, ID 35 with C 35 clip system, electrically conductive.
Bend, plastic	67	6.902-009.0	1 piece(s)	ID 35				Plastic, ID 35.
Bend, plastic, electrically conductive	68	5.032-427.0	1 piece(s)	ID 40				Plastic, with C 40 clip system, electrically conductive.
PFC module, C 35	69	4.060-420.0	1 piece(s)	ID 35				For activating semi-automatic filter cleaning.
Bend, plastic, antistatic	70	5.033-583.0	1 piece(s)	ID 35				Plastic, C 35 clip system, anti-static design.
Bend, plastic	71	4.408-051.0	1 piece(s)	ID 32				Plastic with C 32 clip system.
	72	5.031-904.0	1 piece(s)	ID 40				Plastic with C 40 clip system.
PFC module, C-35, electrically conductive	73	4.060-478.0	1 piece(s)	ID 35				For activating semi-automatic filter cleaning, electrically conductive.
Bends, metal								
Bend, metal	74	6.900-519.0	1 piece(s)	ID 35				Metal, ID 35.
	75	6.900-276.0	1 piece(s)	ID 40				Metal, ID 40.
Bend, metal, non-interchangeable	76	4.036-032.0	1 piece(s)	ID 40				Non-interchangeable bend ID 40, for type-Z22 safety vacuum cleaners.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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# ADAPTERS



With connection adapters from Kärcher, suction hoses can be connected to all conventional power tools.

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■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



# SUCTION HOSES



Extension hoses with the Kärcher clip system enable many hoses to be extended to the required length in a matter of seconds.

		Order No.	Quantity	ID	Length	Price	Description
<b>Suction hoses, complete</b>							
Suction hose, complete	1	4.440-263.0	1 piece(s)	ID 40	4 m		Plastic.
	2	4.440-303.0	1 piece(s)	ID 40	4 m		Oil-resistant.
	3	4.440-463.0	1 piece(s)	ID 40	10 m		Plastic.
	4	4.440-466.0	1 piece(s)	ID 40	10 m		Electrically conductive, plastic.
Suction hose, complete, oil-resistant	5	4.440-612.0	1 piece(s)	ID 40	10 m		Oil-resistant.
Suction hose with cone connection	6	2.889-143.0	1 piece(s)	ID 50	4 m		Suction hose with new bayonet fastener and cone connection to bend. Length: 4 m.
Suction hose, oil-resistant, with cone connection	7	2.889-144.0	1 piece(s)	ID 50	4 m		Suction hose, 4 m-long, oil-resistant. With new bayonet fastener and cone connection to bend.
Suction hose, complete	8	9.770-881.0	1 piece(s)	ID 40	2.5 m		Plastic.
	9	9.755-263.0	1 piece(s)	ID 35	2.5 m		Plastic, with bend.
	10	4.440-287.0	1 piece(s)	ID 35	4 m		Plastic.
Suction hose, complete, 120°C	11	4.440-339.0	1 piece(s)	ID 35	2.5 m		Temperature resistant to 120°C.
Suction hose, complete	12	4.440-264.0	1 piece(s)	ID 61	4 m		Plastic.
	13	4.440-328.0	1 piece(s)	ID 61	3 m		Industrial hose, PVC / elastomer with steel spiral, smooth inside.
	14	4.440-467.0	1 piece(s)	ID 61	10 m		Plastic.
Suction hose, complete, oil-resistant	15	4.440-613.0	1 piece(s)	ID 61	4 m		Oil-resistant.
	16	4.440-614.0	1 piece(s)	ID 61	10 m		
Suction hose, complete, electrically conductive	17	4.440-616.0	1 piece(s)	ID 61	4 m		Electrically conductive.
Suction hose, complete	18	4.440-446.0	1 piece(s)	ID 27	3.5 m		Plastic, with connection bushing for power tools.
	19	4.440-461.0	1 piece(s)	ID 27	7 m		
Suction hose, complete, non-interchangeable, electrically conductive	20	4.440-558.0	1 piece(s)	ID 40	4 m		Electrically conductive ID 40, 4 m, with non-interchangeable screw connections.
	21	4.440-815.0	1 piece(s)	ID 40	8 m		Electrically conductive ID 40, 8 m, with non-interchangeable screw connections.
<b>Complete suction hoses (clip system)</b>							
Suction hose	22	2.889-135.0	1 piece(s)	ID 35	4 m		4 m-long suction hose with new bayonet and clip fastener.
	23	2.889-134.0	1 piece(s)	ID 35	2.5 m		2.5 m-long suction hose with new bayonet and clip fastener.
Electrically conductive suction hose	24	2.889-136.0	1 piece(s)	ID 35	2.5 m		Electrically conductive suction hose with new bayonet and clip fastener. Length: 2.5 m.
	25	2.889-137.0	1 piece(s)	ID 35	4 m		4 m-long suction hose with new bayonet and clip fastener. Electrically conductive.
Suction hose	26	2.889-138.0	1 piece(s)	ID 40	4 m		4 m-long suction hose with new bayonet and clip fastener.
	27	2.889-139.0	1 piece(s)	ID 40	2.5 m		Suction hose with new bayonet and clip fastener. Length: 2.5 m.
Suction hose, oil-resistant	28	2.889-140.0	1 piece(s)	ID 40	4 m		Oil-resistant suction hose with new bayonet and clip fastener. Length: 4 m.

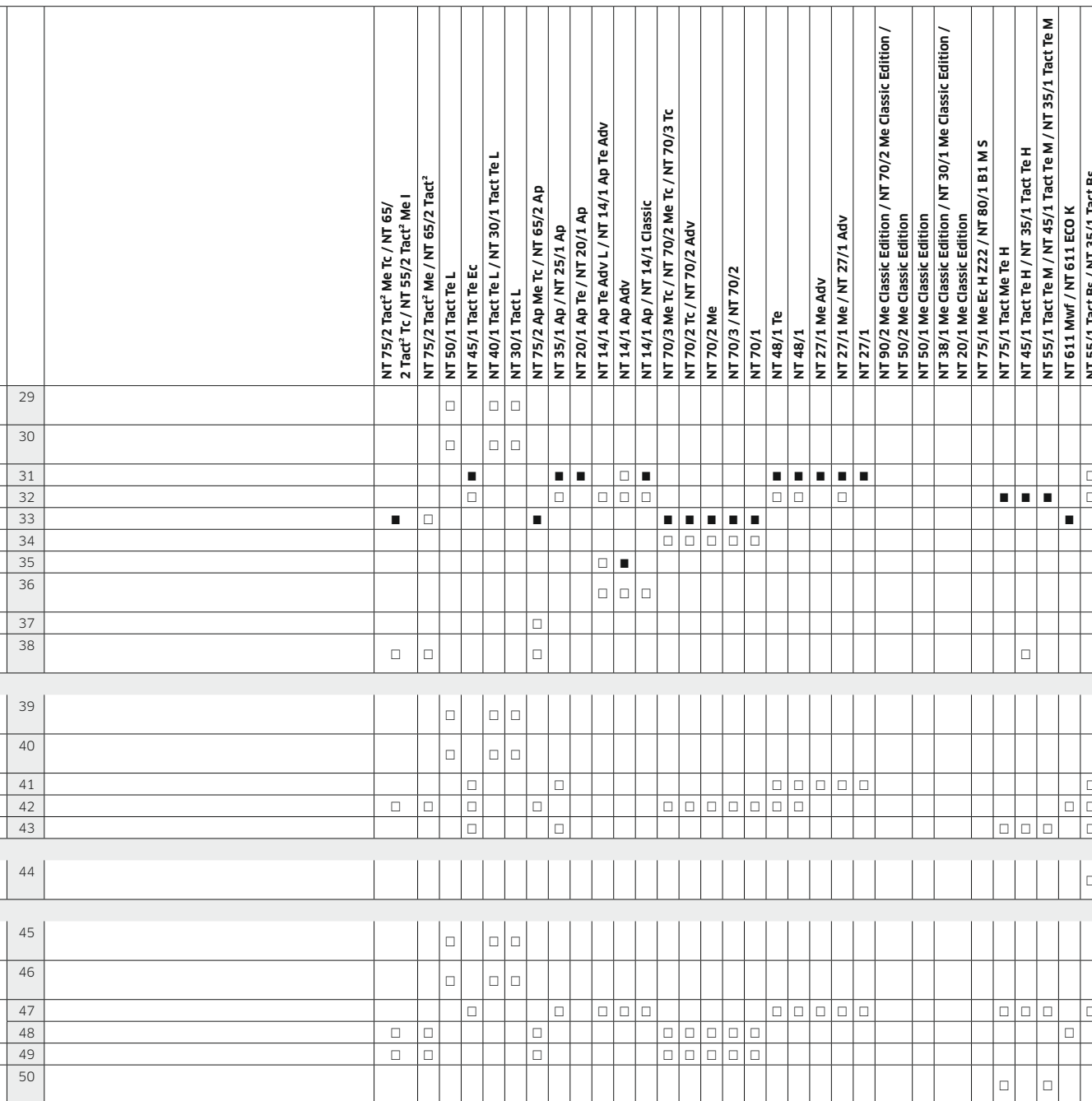
■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



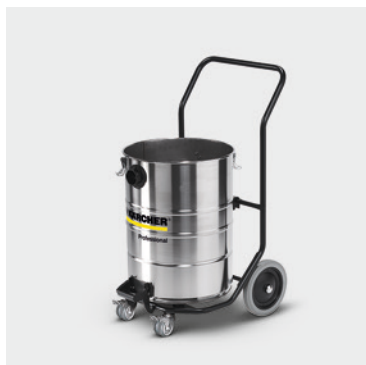


		Order No.	Quantity	ID	Length	Price	Description
Suction hose, electrically conductive	29	2.889-141.0 ■	1 piece(s)	ID 40	4 m		4 m-long, electrically conductive suction hose with new bayonet and clip fastener.
	30	2.889-142.0 ■	1 piece(s)	ID 40	2.5 m		Suction hose, electrically conductive, with new bayonet and clip fastener. 2.5 m-long.
Suction hose	31	4.440-626.0	1 piece(s)	ID 35	2.5 m		With bend, C ID 35.
Suction hose, electrically conductive	32	4.440-653.0	1 piece(s)	ID 35	2.5 m		With bend, electrically conductive, C ID 30.
Suction hose	33	4.440-678.0	1 piece(s)	ID 40	4 m		With bend, C ID 40.
Suction hose + ID 40 bushing	34	4.440-784.0	1 piece(s)	ID 40	16 m		C ID 40, 16 m, with bayonet connection and straight sleeve.
Suction hose + PFC module	35	4.440-627.0	1 piece(s)	ID 35	2.5 m		With bend and module (4.060-420.0).
Suction hose + PFC module, electrically conductive	36	4.440-654.0	1 piece(s)	ID 35	2.5 m		With bend and module (4.060-478.0), electrically conductive.
Suction hose + PFC module	37	4.440-679.0	1 piece(s)	ID 40	4 m		With bend and module (4.060-474.0).
Suction hose + PFC module, electrically conductive	38	4.440-728.0	1 piece(s)	ID 40	4 m		With bend and module (4.060-533.0), electrically conductive.
<b>Extension hoses (clip system)</b>							
Extension hose	39	2.889-145.0 ■	1 piece(s)	ID 35	2.5 m		Extension hose for new clip system ID 35. Length: 2.5 m.
	40	2.889-146.0 ■	1 piece(s)	ID 40	2.5 m		Extension hose for new clip system ID 40. Length: 2.5 m.
	41	6.906-237.0	1 piece(s)	ID 32	2.5 m		For all C-32 and C-35 hoses.
	42	6.906-344.0	1 piece(s)	ID 40	2.5 m		For all C-40 hoses.
Extension hose, electrically conductive	43	6.906-277.0	1 piece(s)	ID 32	2.5 m		For all C-32 and C-35 hoses, electrically conductive.
<b>Special hoses</b>							
Special suction hose, heat-resistant	44	4.440-731.0	1 piece(s)	ID 35	2.5 m		Special suction hose, ID 35, 2.5 m, e.g. for oven cleaning, temperature-resistant up to 350°C, plastic, metal.
<b>Repair kits</b>							
Repair kit, ID 35	45	2.889-149.0 ■	1 piece(s)	ID 35			Repair kit, ID 35, for the new clip system.
Repair kit, ID 40	46	2.889-150.0 ■	1 piece(s)	ID 40			Repair kit, ID 40, for the new clip system.
Repair kit, C 35	47	2.639-682.0	1 piece(s)	ID 35			Suction hose repair kit (clip system).
Repair kit, C 40	48	2.639-873.0	1 piece(s)	ID 40			
Repair kit, ID 61	49	2.862-038.0	1 piece(s)	ID 61			Suction hose repair kit.
Repair kit, ID 35, electrically conductive	50	2.862-077.0	1 piece(s)	ID 35			Repair kit for suction hose, electrically conductive. Optional for NT 351 Eco/Profi, NT 551/BS/Profi.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



## OTHER ACCESSORIES



Large amounts of coarse dirt and liquids can be picked up and disposed of with a mobile separator.

		Order No.	Quantity	ID	Width	Price	Description
<b>Other accessories</b>							
CS 40 Me	1	2.863-026.0 ■	1 piece(s)				Cyclone pre-separator for use with wet and dry vacuum cleaners for very large quantities of dust.
Drilling dust nozzle	2	2.679-000.0 ■	1 piece(s)				Drill dust nozzle for dust-free vacuuming of boreholes. Suitable for dry and wet and dry vacuum cleaners from Kärcher.
Push handle for NT 40/1 Tact Te L	3	2.643-868.0 ■	1 piece(s)				Ergonomic push handle for NT 40/1 Tact Te L.
Pre-separator, 80 l	4	3.864-010.0	1 piece(s)				Complete container (80 l) and lid (ID 61). For coarse dirt and liquids (without suction hose).
Drum separator	5	3.864-012.0	1 piece(s)				Metal, from ID 61 to 61, only for liquids.
Pre-separator cover	6	4.063-132.0	1 piece(s)				For container 4.070-111.0 and spacer 6.902-051.0.
Spacer for 200 l drum	7	6.902-051.0	1 piece(s)				Metal adapter for 200-litre EURO steel drum, in conjunction with lid (pre-separator) 4.063-132.0.
Toolbox strap	8	6.907-155.0	1 piece(s)		25 mm		For securing, e.g. toolboxes, power tools, etc.
<b>Adapters and spare parts</b>							
IVC accessories adapter for wet/dry vacuum cleaners	9	6.902-002.0	1 piece(s)	ID 52			For using IVC accessories on NT vacuum cleaners.
<b>Modification kit, non-conductive media</b>							
ABS non-conductive media	10	2.641-560.0	1 piece(s)				For switching off when vacuuming non-conductive fluids such as oils and greases.
Modification kit, non-conductive media	11	2.882-517.0	1 piece(s)				
Attachment kit, non-conductive media, Tact <sup>2</sup> + Ap	12	2.642-602.0	1 piece(s)				

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## POWERFUL FOR THE MOST DEMANDING TASKS

With power ratings from 1.2 to 7.5 kW and container sizes from 30 to 120 litres, you will find the right machine for every application in our range of industrial vacuums. These powerful and reliable vacuum cleaners are ideal for non-stop operation. The machines are also available with dust explosion protection (Zone 22) and for dust classes M and H.



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**IVC Longopac**

The well-known Compact class, now with the Longopac disposal system as standard. Reliable vacuum cleaners for dry, pourable suction waste.

**IVS, IVS Longopac, IVS Z22**

The new generation of industrial vacuums in the highest performance class. Reliable endurance runner with ergonomic details for mobile and stationary operation. Vacuum start/stop also conveniently possible from a distance using the optional remote control.

**IVR-L 120 and IVR-L 100**

Tried-and-tested liquid and swarf vacuum now with a new drive head. A winner when it comes to ergonomics, safety and performance.







**How to read the unit names:**

Unit type	Container	Connection load	Motor	Version	Equipment
Example: IV	60	30		C	
<b>IV</b> = Industrial vacuum	Volume in litres	In kW/10 (without decimal point) e.g.: 30 = 3.0	<b>-3</b> = 1-phase 3 motors	<b>Ap:</b> Manual or semi-automatic filter cleaning with/without flat pleated filter	<b>Without designation:</b> Standard equipment
<b>IVS</b> = Industrial vacuum, Super class			<b>-2</b> = 1-phase 2 motors	<b>Tact/Tact2:</b> Fully automatic filter cleaning	<b>Ex:</b> Explosion protection
<b>IVC</b> = Industrial vacuum, Compact class			<b>-1</b> = 1-phase 1 motor	<b>Pf:</b> Pocket filter	<b>Tc:</b> Tilting chassis
<b>IV(R)-L</b> = Industrial vacuum (Robust) Liquids			<b>Without des.</b> = 3-phases 1 motor		<b>Me:</b> Stainless steel (container)
<b>IVR</b> = Industrial vacuum, robust					<b>Lp:</b> With Longopac hose bag
<b>IVR-B</b> = Industrial vacuum, robust build-in units					<b>Dp:</b> Drum pump
					<b>Ec:</b> Longlife motor

**Safety vacuum cleaners for explosive dusts: Z22 (formerly B1):**  
Dust explosion protection zone 22

**Safety vacuum cleaners for dust classes:**

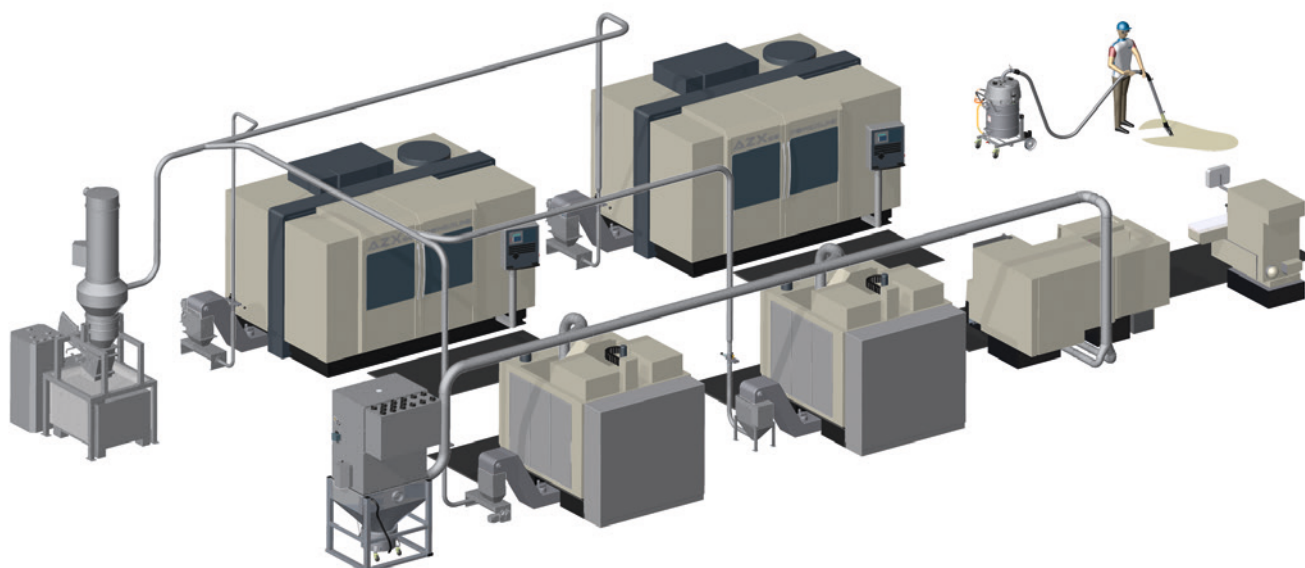
**H:** Highly hazardous dusts (high hazard)  
**M:** Medium hazard dusts  
**L:** Slightly hazardous dusts (light hazard)

		Order No.	Price	Container capacity (l)	Supply voltage Ph/V/Hz	Rated input power (kW)	Air flow rate (l/s/m²/h)	Vacuum (mbar/kPa)	Flat pleated filter	Star/pocket filter	Cartridge filter	Surface filter	Container	Page	
	Super class														
	IVS 100/75 M	■	1.573-820.0		100	3 / 400 / 50	7.5	149 / 536	360 / 36	-	■	-	-	■	291
	IVS 100/55 M	■	1.573-720.0		100	3 / 400 / 50	5.5	139 / 500	250 / 25	-	■	-	-	■	291
	IVS 100/40 M	■	1.573-620.0		100	3 / 400 / 50	4.0	139 / 500	150 / 15	-	■	-	-	■	291
	IVS 100/75 Lp	■	1.573-821.0		100	3 / 400 / 50	7.5	149 / 500	360 / 36	-	■	-	-	-	291
	IVS 100/55 Lp	■	1.573-721.0		100	3 / 400 / 50	5.5	139 / 500	250 / 25	-	■	-	-	-	291
	IVS 100/40 Lp	■	1.573-621.0		100	3 / 400 / 50	4.0	139 / 500	150 / 15	-	■	-	-	-	291
	IVR 100/40 Pf		9.986-069.0		100	3 / 400 / 50	4.0	144 / 520	150 / 15	-	■	-	-	■	292
	Middle class														
	IV 60/30		1.573-500.0		60	3 / 400 / 50	3.0	64 / 230	220 / 22	-	■	-	-	-	293
	IV 60/36-3		1.573-300.0		60	1 / 220-240 / 50-60	3.6	2 × 56 / 403	235 / 23.5	-	■	-	-	-	293
	IV 60/24-2		1.573-200.0		60	1 / 220-240 / 50-60	2.4	2 × 56 / 403	235 / 23.5	-	■	-	-	-	293
	IVR 50/40 Pf		9.986-068.0		50	3 / 400 / 50	4.0	144 / 520	150 / 15	-	■	-	-	■	294
	IVR 40/30 Pf		9.986-067.0		40	3 / 400 / 50	3.0	89 / 320	260 / 26	-	■	-	-	■	294
	IVR 40/15 Pf		9.986-066.0		40	3 / 400 / 50	1.5	58 / 210	210 / 21	-	■	-	-	■	294
	IVR 35/20-2 Pf Me		9.986-065.0		35	1 / 220-240 / 50-60	2.0	100 / 360	220 / 22	-	■	-	-	■	295
	Compact class														
	IVC 60/30 Tact²		1.576-101.0		60	3 / 400 / 50	3.0	68 / 245	286 / 28.6	■	-	-	-	■	296
	IVC 60/30 Ap		1.576-107.0		60	3 / 400 / 50	3.0	68 / 245	286 / 28.6	■	-	-	-	■	296
	IVC 60/24-2 Tact²		1.576-100.0		60	1 / 220-240 / 50-60	2.4	2 × 74 / 533	254 / 25.4	■	-	-	-	■	297
	IVC 60/24-2 Ap		1.576-104.0		60	1 / 220-240 / 50-60	2.4	2 × 74 / 533	254 / 25.4	■	-	-	-	■	297
	IVC 60/24-2 Tact² M		1.576-105.0		60	1 / 220-240 / 50-60	2.4	2 × 74 / 533	254 / 25.4	■	-	-	-	■	297
	IVC 60/12-1 Tact Ec		1.576-102.0		60	1 / 220-240 / 50-60	1.2	62.5 / 225	244 / 24.4	■	-	-	-	■	299
	IVC 60/30 Tact² Lp	■	1.576-115.0		60	3 / 400 / 50	3.0	68 / 245	286 / 28.6	■	-	-	-	-	298
	IVC 60/24-2 Tact² Lp	■	1.576-114.0		60	1 / 220-240 / 50-60	2.4	2 × 74 / 533	254 / 25.4	■	-	-	-	-	298
	Ex vacuums														
	IVS 100/75 M Z22	■	9.987-900.0		100	3 / 400 / 50	7.5	149 / 536	360 / 36	-	■	-	-	■	303
	IVS 100/55 M Z22	■	9.987-899.0		100	3 / 400 / 50	5.5	139 / 500	250 / 25	-	■	-	-	■	303
	IVS 100/40 M Z22	■	9.987-898.0		100	3 / 400 / 50	4.0	139 / 500	150 / 15	-	■	-	-	■	303
	IV 60/30 M B1		1.573-551.0		60	3 / 400 / 50	3.0	64 / 230	220 / 22	-	■	-	-	-	301
	IV 60/27-1 M B1		1.573-151.0		60	1 / 220-240 / 50	2.7	56 / 202	162 / 16.2	-	■	-	-	-	301
	IVC 60/30 Ap M Z22		1.576-106.0		60	3 / 400 / 50	3.0	68 / 245	250 / 25	■	-	-	-	■	304
	IVC 60/12-1 Ec H Z22		1.576-103.0		60	1 / 220-240 / 50	1.2	62.5 / 225	244 / 24.4	■	-	-	-	■	304
	Build-in units														
	IVR-B 50/30		9.986-073.0		50	3 / 400 / 50	3.0	89 / 320	260 / 26	-	-	■	-	■	305
	IVR-B 30/15		9.986-072.0		30	3 / 400 / 50	1.5	58 / 210	210 / 21	-	-	■	-	■	305
	Liquid and swarf vacuums														
	IVR-L 100/30		9.986-064.0		100	3 / 400 / 50	3.0	89 / 320	260 / 26	-	-	-	■	■	306
	IVR-L 120/24-2 Tc Me Dp	■	9.987-890.0		120	1 / 220-240 / 50-60	2.4	148 / 532	235 / 23	-	-	-	■	■	307
	IVR-L 120/24-2 Tc Me	■	9.987-889.0		120	1 / 220-240 / 50-60	2.4	148 / 532	235 / 23	-	-	-	■	■	307
	IVR-L 120/24-2 Tc	■	9.987-888.0		120	1 / 220-240 / 50-60	2.4	148 / 532	235 / 23	-	-	-	■	■	307
	IVR-L 100/24-2 Tc Me Dp	■	9.987-887.0		100	1 / 220-240 / 50-60	2.4	148 / 532	235 / 23	-	-	-	■	■	309
	IVR-L 100/24-2 Tc Me	■	9.987-886.0		100	1 / 220-240 / 50-60	2.4	148 / 532	235 / 23	-	-	-	■	■	309
	IVR-L 100/24-2 Tc	■	9.987-885.0		100	1 / 220-240 / 50-60	2.4	148 / 532	235 / 23	-	-	-	■	■	309
	IVR-L 100/24-2 Me	■	9.987-884.0		100	1 / 220-240 / 50-60	2.4	148 / 532	235 / 23	-	-	-	■	■	309
	IVR-L 100/24-2	■	9.987-883.0		100	1 / 220-240 / 50-60	2.4	148 / 532	235 / 23	-	-	-	■	■	309
	IVR-L 65/12-1 Tc		9.986-055.0		65	1 / 220-240 / 50-60	1.2	60 / 215	230 / 23	-	-	-	■	■	310
	IVR-L 40/12-1		9.986-054.0		40	1 / 220-240 / 50-60	1.2	60 / 215	230 / 23	-	-	-	■	■	310
	IVL 50/24-2		1.573-952.0		50	1 / 220-240 / 50-60	2.4	2 × 56 / 403	235 / 23.5	-	-	■	-	■	311

■ NEW ■ Included in delivery.

# FROM THE MOBILE MACHINE TO THE TURNKEY VACUUM SYSTEM

Whether flexibly mobile or a fixed stationary installation, for small or large quantities, liquid or solid, unproblematic or hazardous suction waste. The Kärcher industrial vacuum range offers solutions for countless vacuuming problems.



## Mobile application in metal processing

A mixture of aggressive coolants and sharp-edged swarf often occurs as a waste product of metal cutting processes. If separated cleanly, both substances can be recycled.

For example, with an IVR-L in mobile use after the processing procedure.

Machine example: IVR-L 100/24-2 Tc

Accessory example: PU hose or ME-PU hose, swarf basket, bend and tube, floor nozzle, flexible crevice nozzle, elastic nozzle



## Stationary application in the food industry

If equally numerous or large quantities of materials are generated in production, it makes sense to vacuum these during the manufacturing process.

Kärcher IVS and IVR machines can be integrated directly into the production process. For example, in the food industry for vacuuming ground coffee, breadcrumb coating residues, crumbs, dried fruit, etc.

Machine example: IVS 100/40

Accessory example: PVC hose directly connected to production machine, or manual suction



## Mobile application in the chemical industry

The manufacturing of primary chemical products requires particular cleanliness in production. The types of waste that are generated are often hazardous to health or even explosive. With an explosion-proof IVS or IVC vacuum cleaner, production areas can be vacuumed safely.

Machine example: IVC 60/30 M Z22

Accessory example: PVC hose, bend and tube, floor nozzle, flexible crevice nozzle, elastic nozzle

## Kärcher industrial vacuum application overview

Coarse, dry		Fine, dry		Explosive dusts		Liquids	
Ø 2-3 h/day	Ø up to 24 h/day	Ø 2-3 h/day	Ø up to 24 h/day	Ø 2-3 h/day	Ø up to 24 h/day	Ø 2-3 h/day	Ø up to 24 h/day
<b>Automotive Industry/Machinery and Plant Engineering/Tool Manufacture/Metal Processing</b>							
<b>Metal shavings from machining (milling, drilling, punching)</b>		<b>Dust from metal processing</b>		<b>Paint dust</b>		<b>Cutting fluid from metal processing</b>	
IVR-L 40 IVR-L 65 IVR-L 100/24-2 IVR-L 120	IVR-L 100/30 IVR-B	IVR 35	IVR 40 IVR 50 IVR 100 IVS 100		IVC 60 Z22 IV 60 B1 (Z22) IVS 100 Z22	IVR-L 40 IVR-L 65 IVR-L 100 IVR-L 120	IVR-L 100/30
<b>Metallurgy and metal forming</b>							
<b>Slag</b>				<b>Flammable metal dust, e.g. iron</b>			
IVR-L 40 IVR-L 65 IVR-L 100/24-2 IVR-L 120	IVR-L 100/30 IVR-B				IVS 100 Z22		
<b>Cokery and mineral oil processing</b>							
<b>Lumps of coal</b>				<b>Coal (over days)</b>			
IVR-L 40 IVR-L 65 IVR-L 100/24-2 IVR-L 120	IVR-L 100/30 IVR-B IVS 100				IVS 100 Z22		
<b>Glass and stone processing</b>							
<b>Cullets, gravel, crushed stone</b>		<b>Gypsum, cement, concrete, glass dust</b>				<b>Slurries</b>	
IVC 60/24-2 Ap IVR-L 40 IVR-L 65 IVR-L 100/24-2 IVR-L 120	IVC 60/30 Ap IVR-L 100/30 IVR-B IVS 100	IVC Tact <sup>2</sup> IVR 35	IVC 60/30 Tact <sup>2</sup> IVR 40 IVR 50 IVR 100 IVS 100			IVR-L 65 IVR-L 100 Tc IVR-L 120 Tc	IVR-L 100/30
<b>Paper manufacture/Manufacture of print media</b>							
<b>Cardboard packaging</b>		<b>Cellulose fibres</b>		<b>Paper dust</b>		<b>Liquid colours, printing inks</b>	
IVC 60/24-2 Ap	IVC 60/12-1 IVC 60/30 Ap IVS 100	IVC 60/24-2 Tact <sup>2</sup>	IVC 60/12-1 Tact IVC 60/30 Tact <sup>2</sup> IVS 100		IVC 60/30 Ap M Z22 IV 60 M B1 (Z22) IVS 100 Z22	IVC 60/24-2 IVL 50/24-2 IVR-L 100 IVR-L 120	IVC 60/30 IVR-L 100/30
<b>Food industry</b>							
<b>Broken food products on production line, e.g. broken biscuits, chocolate</b>		<b>In the production process, e.g. ground coffee</b>		<b>Flour, sugar, coffee, powder foods</b>		<b>Food oil, drinks</b>	
IVC 60/24-2 Ap	IVC 60/12-1 IVC 60/30 Ap		IVS 100		IVC 60 Z22 IV 60 B1 (Z22) IVS 100 Z22	IVC 60/24-2 IVL 50/24-2 IVR-L 100 Me IVR-L 120 Me	IVC 60/30
<b>Production of starch and tobacco</b>							
		<b>Tobacco dust</b>		<b>Starch</b>			
		IVC 60/24-2 Tact <sup>2</sup>	IVC 60/12-1 Tact IVC 60/30 Tact <sup>2</sup> IVS 100		IVC 60 Z22 IV 60 B1 (Z22) IVS 100 Z22		
<b>Production of rubber and plastic</b>							
<b>Plastic granulate, plastic casting residues</b>		<b>Plastic dust</b>				<b>Water</b>	
IVC 60/24-2 Ap	IVC 60/12-1 IVC 60/30 Ap IVS 100	IVC 60/24-2 Tact <sup>2</sup> IVR 35 IV 60/24-2 IV 60/36-3	IVC 60/12-1 IVC 60/30 IVR 40 IVR 50 IVR 100 IV 60/30 IVS 100			IVC 60/24-2 IVL 50/24-2 IVR-L 100 Me IVR-L 120 Me	IVC 60/30
<b>Wood processing/Furniture manufacture</b>							
<b>Coarse wood shavings and small pieces of wood</b>				<b>Wood dust</b>			
IVC 60/24-2 Ap IVC 60/24-2 Tact <sup>2</sup> M	IVC 60/30 Ap				IVC 60 Z22 IV 60 B1 (Z22) IVS 100 Z22		
<b>Chemical industry</b>							
<b>Granulate</b>		<b>Plastic dust</b>		<b>Fertilisers, colour powder</b>		<b>Detergents, aggressive liquids</b>	
IVC 60/24-2 Ap	IVC 60/12-1 IVC 60/30 Ap IVS 100	IVC 60/24-2 Tact <sup>2</sup> IVR 35 IV 60/24-2 IV 60/36-3	IVC 60/12-1 IVC 60/30 IVR 40 IVR 50 IVR 100 IV 60/30 IVS 100		IVC 60 Z22 IV 60 B1 (Z22) IVS 100 Z22	IVR-L 100 Me IVR-L 120 Me	IVR-L 100/30
<b>Pharmaceutical industry</b>							
<b>Tablets</b>		<b>In the production process, e.g. tablet press</b>		<b>Medicines, e.g. vitamins, oestrogen, acids</b>			
	IVS 100		IVS 100		IVC 60 Z22 IV 60 B1 (Z22) IVS 100 Z22		

## Dimensioning, performance class: 1. Air speed table: application overview

		Air speed [m/s]			Air speed [m/s]
The minimum required air speeds are listed					
Wood	Wood shavings with pieces	25-30	Minerals	Coarse, dry sand without gravel	21-25
	Sawdust, damp	22-24		Foundry sand	35-45
	Coarse wood shavings without pieces	18-22*		Cement dust	25-30
	Wood shavings	18-20*		Pebble stones up to ø 5 cm	60-65
	Small wood pieces and wood plane pieces	16-18*		Sand ø < 2 cm / ø 2-3 cm	21-26 / 50-60
	Ultra-fine wood dust	12-14*		Ultra-fine, dry sand dust	12-14
The minimum required air speeds are listed					
Paper, plastics	Plastic granulate	20-23	Metal	Coarse metal dust	20-25
	Plastic powder	20-25		Metal dust	20-22
	Paper chips	15-22*		Fine metal dust	18-20*
	Rubber dust	18-20*		Shavings (dry)	25-27
	Edge strip suction	16-18*		Shavings (wet)	27-32
	Abrasive dust, leather	15-16*		Metal smoke (welding)	14-16
	Paint mist spray booths	14-16*		Steel balls	45-55
	Shorter textile fibres	12-16*		Oil (low viscosity), cooling lubricants	25-30
	Expanded polystyrol	8-10*		Oil (high viscosity), slurries	30-40
The minimum required air speeds are listed					
Food	Tobacco dusts	15-16*	Max. feed rates depending on the hose diameter	ID 42	approx. 90 m³/h
	Grain and fodder dusts	14-16*		ID 51/52	approx. 140 m³/h
	Flour	12-14*		ID 61	approx. 200 m³/h
	Food residues e.g. pasta	30+		ID 72	approx. 270 m³/h

\* Safety vacuum cleaners and Ex vacuums may only be operated with a minimum air speed of 20 m/s. If the minimum speed is not met, this is indicated by an indicator light.

## Dimensioning, performance class: 2. Air speed table

Drive performance			Suction hose diameter			
IVR drive heads			ID [ø mm]	40	50	70
AC	Max. volume flow [m³/h]	Max. vacuum [kPa]	Surface [cm²]	12.6	19.6	38.5
1.2 kW	215	23		46.4	29.7	15.1
2.0 kW	360	22		79.6	50.9	26.0
2.4 kW	532	23		117.6	75.2	38.4
Three-phase current						
1.5 kW	210	20		46.4	29.7	15.2
3.0 kW	315	26		70.7	45.3	23.1
4.0 kW	495	14		114.9	73.6	37.5
IVC drive heads						
AC	Max. volume flow [m³/h]	Max. vacuum [kPa]		40	50	70
1.2 kW (Ec)	225	24		49.0	31.8	-
2.4 kW	532	25	117.6	75.2	-	
Three-phase current						
3.0 kW	244	28	53.9	34.5	17.6	
IV drive heads						
AC	Max. volume flow [m³/h]	Max. vacuum [kPa]	40	50	70	
2.4 kW	403	23.5	89.0	57.0	29.0	
2.7 kW	234	24	51.7	33.1	16.8	
3.6 kW	605	23.5	133.7	85.5	43.5	
IVS drive heads						
Three-phase current						
4.0 kW	500	18	110.5	70.6	36.0	
5.5 kW	500	25	110.5	70.6	36.0	
7.5 kW	536	33	118.5	75.8	38.7	

## Example

## Application example:

A customer would like to purchase an industrial vacuum for vacuuming metal shavings.

## Step 1:

Refer to Table 1 for the required minimum air speed:  
For metal shavings (dry), an air speed of 25-27 m/s is required.

## Step 2:

Table 2 shows the air speed generated during the suction process depending on the drive performance and suction hose diameter.

Example: with an ID 40 suction hose, an IVR drive head at 1.2 kW enables an air speed of 46.4 m/s  
-> Dimensioning suitable.

If an ID 70 suction hose and 1.2 kW drive performance are chosen, an air speed of 15.1 m/s would result.  
-> Dimensioning not sufficient.

## ATTENTION:

► Values apply up to a max. 10 m suction hose. Furthermore, pressure losses in the suction hose must be taken into account.  
► For safety vacuum cleaners, the air speed must never be < 20 m/s.



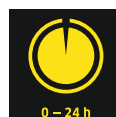
# SUPER CLASS



Illustration can differ from the original.

## High-power machines with stamina

The new Kärcher Super class IVS 100 industrial vacuums are powerful, robust and highly reliable machines. With a motor running time of about 20,000 hours – which corresponds to 2,500 days in continuous operation for eight hours a day – it is a real workhorse. The large star filter ensures optimal suction power.



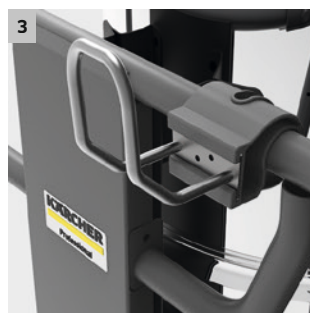
### 1 Optional remote control

- Optional radio remote control for machine operation from a distance of up to 30 m.
- Convenient, time-saving operation of the machine in a single forward movement.
- Optimal space utilisation: the vacuum cleaner can be stored in unused or safety areas.



### 2 Power-saving soft start

- Low starting current prevents power supply voltage dips.
- Low energy peaks ensure lower energy costs.
- Only low machine fuse protection necessary (up to 5.5 A, 16 A, fuse protection is sufficient).



### 3 User-friendly machine handling

- Hose hook and accessory storage ensure fast tool access and tidy storage.
- Integrated cable hook for secure cable storage.
- All hooks can be hung freely on the machine via clip system.



### 4 User-friendly set-down mechanism

- Easy and time-saving container removal directly on the handle.
- The practical container handle serves as an aid for pulling and pushing the machine to the emptying point.
- Large industrial rollers ensure maximum mobility even on uneven floors and under heavy load.

# TECHNICAL DATA AND EQUIPMENT

		IVS 100/75 M	IVS 100/55 M	IVS 100/40 M
		<ul style="list-style-type: none"> <li>■ Antistatic equipment</li> <li>■ Extra-large filter area</li> <li>■ Pole reverse plug</li> </ul>	<ul style="list-style-type: none"> <li>■ Antistatic equipment</li> <li>■ Extra-large filter area</li> <li>■ Pole reverse plug</li> </ul>	<ul style="list-style-type: none"> <li>■ Antistatic equipment</li> <li>■ Extra-large filter area</li> <li>■ Pole reverse plug</li> </ul>
<b>Technical data</b>				
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Rated input power during operation	kW	7.5	5.5	4
Air flow	l/s / m³/h	149 / 536	139 / 500	139 / 500
Vacuum	mbar / kPa	360 / 36	250 / 25	150 / 15
Container capacity	l	100	100	100
Filter area	m²	2.2	2.2	2.2
Main filter dust class		M	M	M
Sound pressure level	dB(A)	75	72	72
Cable length	m	8	8	8
Nominal width of connection		ID 72	ID 72	ID 72
Nominal width of accessory		ID 72 / ID 52	ID 72 / ID 52	ID 72 / ID 52
Weight	kg	188	155	140
Dimensions (L × W × H)	mm	1215 × 674 × 1509	1215 × 674 × 1509	1215 × 674 × 1509
<b>Equipment</b>				
Container included		100 l	100 l	100 l
Filter cleaning		Manual	Manual	Manual
Optional remote control		6.907-612.0	6.907-612.0	6.907-612.0
Order No.		<b>1.573-820.0</b>	<b>1.573-720.0</b>	<b>1.573-620.0</b>
Price				

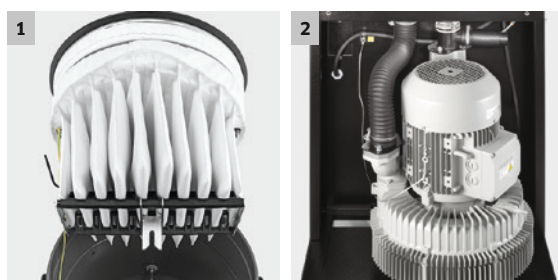
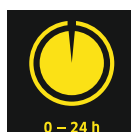
		IVS 100/75 Lp	IVS 100/55 Lp	IVS 100/40 Lp
		<ul style="list-style-type: none"> <li>■ Longopac disposal system</li> <li>■ Extra-large filter area</li> <li>■ Pole reverse plug</li> </ul>	<ul style="list-style-type: none"> <li>■ Longopac disposal system</li> <li>■ Extra-large filter area</li> <li>■ Pole reverse plug</li> </ul>	<ul style="list-style-type: none"> <li>■ Longopac disposal system</li> <li>■ Extra-large filter area</li> <li>■ Pole reverse plug</li> </ul>
<b>Technical data</b>				
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Rated input power during operation	kW	7.5	5.5	4
Air flow	l/s / m³/h	149 / 536	139 / 500	139 / 500
Vacuum	mbar / kPa	360 / 36	250 / 25	150 / 15
Container capacity	l	100	100	100
Filter area	m²	2.2	2.2	2.2
Main filter dust class		M	M	M
Sound pressure level	dB(A)	75	72	72
Cable length	m	8	8	8
Nominal width of connection		ID 72	ID 72	ID 72
Nominal width of accessory		ID 72 / ID 52	ID 72 / ID 52	ID 72 / ID 52
Weight	kg	198	165	150
Dimensions (L × W × H)	mm	1215 × 674 × 1509	1215 × 674 × 1509	1215 × 674 × 1509
<b>Equipment</b>				
Container included		Longopac	Longopac	Longopac
Filter cleaning		Manual	Manual	Manual
Optional remote control		6.907-612.0	6.907-612.0	6.907-612.0
Order No.		<b>1.573-821.0</b>	<b>1.573-721.0</b>	<b>1.573-621.0</b>
Price				

# SUPER CLASS



## The Super class – super compact

Despite its high filling capacity, the IVR 100/40 Pf is characterised by its compact size. In this respect, the space-saving machine is considerably ahead of the competition.



### 1 High-quality washable pocket filter

- Longer service life, less maintenance effort and lower costs. Ideal for industrial use.
- Unrivalled effective manual filter cleaning thanks to reinforcement lattice in every filter bag.

### 2 Highly efficient IE2 motor for higher suction power

- With comparably rated input power, the IE2 motor delivers 5% more suction power than conventional motors.

## IVR 100/40 Pf

- Compact design requires less floor space
- Manual filter cleaning
- Sound-damping

### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50
Rated input power during operation	kW	4.7
Air flow	l/s / m³/h	137.5 / 495
Vacuum	mbar / kPa	140 / 14
Container capacity	l	100
Filter area	m²	1.75
Main filter dust class		M
Sound pressure level	dB(A)	62
Cable length	m	6
Nominal width of connection		ID 72
Nominal width of accessory		ID 72 / ID 52
Weight	kg	167
Dimensions (L × W × H)	mm	910 × 760 × 2270

### Equipment

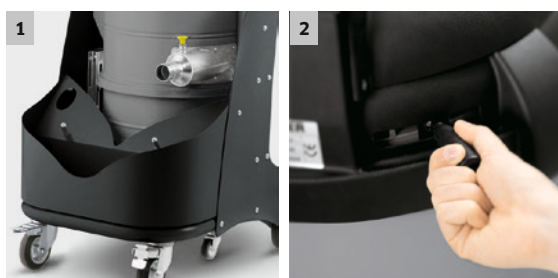
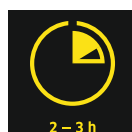
Container included	Yes
Container for wet vacuuming	-
Container for dry applications	-
Longopac disposal system	-
Filter cleaning	Manual
Order No.	9.986-069.0
Price	

# MIDDLE CLASS



## Mobile and flexible industrial vacuums

IV 60/24-2 and IV 60/36-3 vacuum cleaners are available with either two or three connectable AC motors.



### 1 Convenient storage area for accessories on the machine's chassis

- Large on-board accessory basket for convenient storage of nozzles, bends and other parts.

### 2 Manual filter vibration for low operating costs

- Manual filter vibration extends the life of the continuous filter for reduced maintenance.

#### IV 60/30

#### IV 60/36-3

#### IV 60/24-2

- Antistatic equipment
- Filter status indicator
- Pole reverse plug

- Antistatic equipment
- Filter status indicator
- Robust wheels and castors

- Antistatic equipment
- Filter status indicator
- Robust wheels and castors

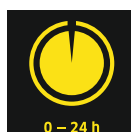
Technical data		IV 60/30	IV 60/36-3	IV 60/24-2
Supply voltage	Ph / V / Hz	3 / 400 / 50	1 / 220-240 / 50-60	1 / 220-240 / 50-60
Rated input power during operation	kW	3	3.6	2.4
Air flow	l/s / m³/h	68 / 244.8	168 / 605	112 / 403
Vacuum	mbar / kPa	286 / 28.6	235 / 23.5	235 / 23.5
Container capacity	l	60	60	60
Filter area	m²	2.3	2.3	2.3
Main filter dust class		M	M	M
Sound pressure level	dB(A)	75	73	73
Cable length	m	8	8	8
Nominal width of connection		ID 51	ID 51	ID 51
Nominal width of accessory		ID 51	ID 51	ID 51
Weight	kg	96	72	70
Dimensions (L × W × H)	mm	870 × 640 × 1650	870 × 640 × 1410	870 × 640 × 1410
Equipment		IV 60/30	IV 60/36-3	IV 60/24-2
Container included		No	No	No
Container for wet vacuuming		6.394-822.0	6.394-822.0	6.394-822.0
Container for dry applications		6.394-821.0	6.394-821.0	6.394-821.0
Longopac disposal system		2.013-050.0 + 2.050-078.0	2.013-050.0 + 2.050-078.0	2.013-050.0 + 2.050-078.0
Filter cleaning		Manual	Manual	Manual
Order No.		1.573-500.0	1.573-300.0	1.573-200.0
Price				

## MIDDLE CLASS



### Full power – continuously

Thanks to their durable side channel blower, the powerful IVR 40 and IVR 50 industrial vacuums are extremely reliable and therefore ideal for long operating cycles.



#### 1 Ergonomic container control

- A push handle on the collecting container of the IVR 50 allows ergonomic removal of the vacuumed debris in an upright position.
- Pressure compensation hose and downholder for low-dust vacuuming directly into a waste disposal bag.

#### 2 Cyclone-like pre-separation system

- Protects the filter and increases its working time. This saves on costs and increases versatility.

#### IVR 50/40 Pf

#### IVR 40/30 Pf

#### IVR 40/15 Pf

- Cyclone-like pre-separation system
- Sound-damping
- Ergonomic container control

- Cyclone-like pre-separation system
- Sound-damping
- Safe accessory storage

- Cyclone-like pre-separation system
- Sound-damping
- Safe accessory storage

#### Technical data

	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Current type				
Rated input power in operation	kW	4.7	3	1.5
Air flow	l/s / m³/h	137.5 / 495	87.5 / 315	58 / 210
Vacuum	mbar / kPa	140 / 14	260 / 26	200 / 20
Container capacity	l	50	40	40
Filter area	m²	1.75	1.75	1.75
Main filter dust class		M	M	M
Sound pressure level	dB(A)	62	60	56
Cable length	m	6	6	6
ID connector		ID 72	ID 72	ID 72
ID accessory		ID 72 / ID 52	ID 72 / ID 52	ID 52 / ID 42
Weight	kg	161	126	107
Dimensions (L × W × H)	mm	850 × 760 × 1970	890 × 670 × 1560	890 × 670 × 1560

#### Equipment

Container included	Yes	Yes	Yes
Container for wet vacuuming	-	-	-
Container for dry applications	-	-	-
Longopac disposal system	-	-	-
Filter cleaning	Manual	Manual	Manual
Order No.	9.986-068.0	9.986-067.0	9.986-066.0
Price			

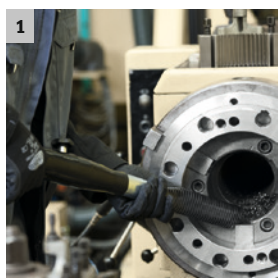
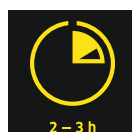


## MIDDLE CLASS



### Introduction to the IVR series

Industrial vacuums in the IVR series are characterised by agility, robustness and durability. Powerful turbines with intelligent sound-damping combine convenient working with excellent performance.



#### 1 Robust material and a design suitable for industrial purposes

- Ideal for use in the metal processing industry.
- The material thickness of 1.25 mm and mostly welded connections ensure a long lifetime, even with abrasive suction material.

#### 2 Pleasant operating noise

- Silencers on the exhaust tubes ensure a low operating noise with simultaneously high suction power.

### IVR 35/20-2 Pf Me

- Compact design requires less floor space
- Cyclone-like pre-separation system
- Stainless steel container

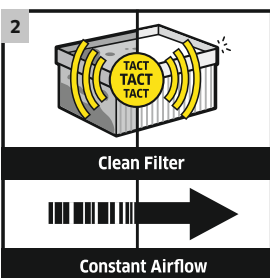
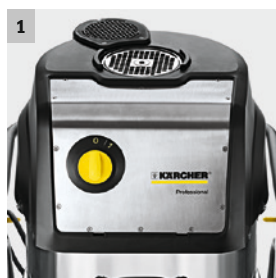
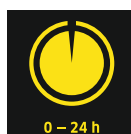
Technical data		
Current type	Ph / V / Hz	1 / 220-240 / 50-60
Rated input power in operation	kW	2
Air flow	l/s / m³/h	100 / 360
Vacuum	mbar / kPa	220 / 22
Container capacity	l	35
Filter area	m²	1.4
Main filter dust class		M
Sound pressure level	dB(A)	75
Cable length	m	6
ID connector		ID 52
ID accessory		ID 52 / ID 42
Weight	kg	58
Dimensions (L × W × H)	mm	740 × 580 × 1105
Equipment		
Container included		Yes
Container for wet vacuuming		-
Container for dry applications		-
Longopac disposal system		-
Filter cleaning		Manual
Order No.		9.986-065.0
Price		

# COMPACT CLASS



## With three-phase drive for continuous use

The IVC 60/30 features a low-maintenance three-phase motor for multiple shift operation with high loads. With reliable liquid cut-off function and efficient Tact<sup>2</sup> technology: this vacuum is ideal for both dry and wet cleaning tasks.



### 1 Wear-resistant side channel blower

- A side channel blower provides a very long lifetime of at least 20,000 hours with powerful suction. These machines are therefore ideal for multiple shift operation.

### 2 Automatic Filter Cleaning System Tact<sup>2</sup>

- The two filters are cleaned with targeted, powerful blasts of air. The procedure is triggered automatically, the suction power remains constantly high, and the work can be continued without interruption.
- Filter designed to allow uninterrupted use with constant high suction power.

#### IVC 60/30 Tact<sup>2</sup>

#### IVC 60/30 Ap

- Antistatic equipment
- Liquid cut-off
- Integrated cyclone for pre-separation system

- Antistatic equipment
- Manual filter cleaning
- Integrated cyclone for pre-separation system

#### Technical data

Current type	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50
Rated input power in operation	kW	3	3
Air flow	l/s / m <sup>3</sup> /h	68 / 244.8	68 / 244.8
Vacuum	mbar / kPa	286 / 28.6	286 / 28.6
Container capacity	l	60	60
Filter area	m <sup>2</sup>	1.9	1.9
Main filter dust class		M	M
Sound pressure level	dB(A)	77	77
Cable length	m	7.5	5
ID connector		ID 72	ID 72
ID accessory		ID 52 / ID 42	ID 72 / ID 52 / ID 42
Weight	kg	95	95
Dimensions (L × W × H)	mm	970 × 690 × 1240	970 × 690 × 1240

#### Equipment

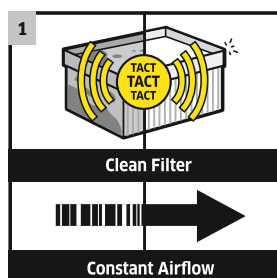
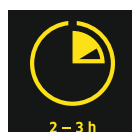
Container included	60 l	60 l
Container for wet vacuuming	-	-
Container for dry applications	-	-
Longopac disposal system	2.013-050.0	2.013-050.0
Filter cleaning	Automatic	Manual
Order No.	<b>1.576-101.0</b>	<b>1.576-107.0</b>
Price		

# COMPACT CLASS



## Powerful machines with twin motors

These entry-level machines feature two powerful motors. The basic and standard variants feature an easy-moving and sturdy set-down trolley and stainless steel suction containers. The electronic motor control ensures low starting currents.



### 1 Automatic Filter Cleaning System Tact<sup>2</sup>

- The filter automatically cleans itself with targeted, powerful blasts of air. The procedure is triggered automatically whilst maintaining constant high suction power. Further benefits: low maintenance costs, long filter service life.
- Filter designed to allow uninterrupted use with constant high suction power.

### 2 Two blower motors

- Two blowers for powerful cleaning action. The motors are electronically controlled, which avoids high starting currents.

#### IVC 60/24-2 Tact<sup>2</sup>

#### IVC 60/24-2 Ap

#### IVC 60/24-2 Tact<sup>2</sup> M

- Antistatic equipment
- Liquid cut-off
- Integrated cyclone for pre-separation system

- Antistatic equipment
- Manual filter cleaning
- Integrated cyclone for pre-separation system

- Antistatic equipment
- Certified for dust class M
- Integrated cyclone for pre-separation system

#### Technical data

Current type	Ph / V / Hz	1 / 220-240 / 50-60	1 / 220-240 / 50-60	1 / 220-240 / 50-60
Rated input power in operation	kW	2.4	2.4	2.4
Air flow	l/s / m <sup>3</sup> /h	148 / 532	148 / 532	148 / 532
Vacuum	mbar / kPa	254 / 25.4	254 / 25.4	254 / 25.4
Container capacity	l	60	60	60
Filter area	m <sup>2</sup>	0.95	0.95	0.95
Main filter dust class		M	M	M
Sound pressure level	dB(A)	73	73	73
Cable length	m	10	8	8
ID connector		ID 72	ID 72	ID 72
ID accessory		ID 52 / ID 42	ID 72 / ID 52 / ID 42	ID 52 / ID 42
Weight	kg	60	60	60
Dimensions (L × W × H)	mm	970 × 690 × 995	970 × 690 × 995	970 × 690 × 995

#### Equipment

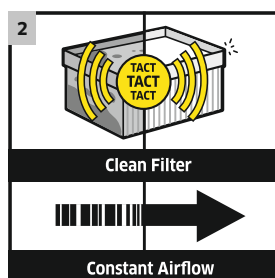
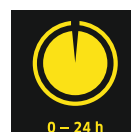
Container included	60 l	60 l	60 l
Container for wet vacuuming	-	-	-
Container for dry applications	-	-	-
Longopac disposal system	2.013-050.0	2.013-050.0	-
Filter cleaning	Fully automatic	Semi-automatic	Fully automatic
Order No.	<b>1.576-100.0</b>	<b>1.576-104.0</b>	<b>1.576-105.0</b>
Price			

## COMPACT CLASS



### Save time and money with Longopac

Our basic models IVC 60/24-2 and IVC 60/30 feature the Longopac disposal system as standard. Compared with conventional disposal bags, these save time and reduce costs considerably.



#### 1 Longopac disposal system

- The adaptable 22 m-long disposal bag ensures time-saving bag disposal.
- Far more economical than conventional dust disposal bags.

#### 2 Automatic Filter Cleaning System Tact<sup>2</sup>

- The two filters are cleaned with targeted, powerful blasts of air. The procedure is triggered automatically, the suction power remains constantly high, and the work can be continued without interruption.
- Filter designed to allow uninterrupted use with constant high suction power.

#### IVC 60/30 Tact<sup>2</sup> Lp

#### IVC 60/24-2 Tact<sup>2</sup> Lp

- Longopac disposal system
- Antistatic equipment
- Integrated cyclone for pre-separation system

- Longopac disposal system
- Antistatic equipment
- Integrated cyclone for pre-separation system

#### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50	1 / 220-240 / 50-60
Rated input power during operation	kW	3	2.4
Air flow	l/s / m <sup>3</sup> /h	68 / 244.8	148 / 532
Vacuum	mbar / kPa	286 / 28.6	254 / 25.4
Container capacity	l	60	60
Filter area	m <sup>2</sup>	1.9	0.95
Main filter dust class		M	M
Sound pressure level	dB(A)	77	73
Cable length	m	7.5	10
Nominal width of connection		ID 72	ID 72
Nominal width of accessory		ID 52 / ID 42	ID 52 / ID 42
Weight	kg	95	60
Dimensions (L × W × H)	mm	970 × 690 × 1240	970 × 690 × 995

#### Equipment

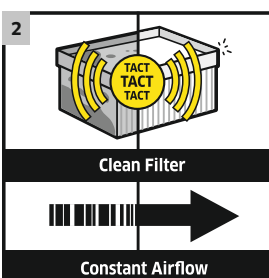
Container included	-	-
Container for wet vacuuming	-	-
Container for dry applications	-	-
Longopac disposal system	Standard	Standard
Filters	Flat pleated filter	Flat pleated filter
Order No.	1.576-115.0	1.576-114.0
Price		

# COMPACT CLASS

## Non-stop suction



The IVC 60/12-1 vacuum cleaner is perfect for stationary non-stop use thanks to an electronically controlled drive and compact design. The brushless Ec motor provides superb performance, low power consumption and very long life.



### 1 Designed for continuous operation

- The brushless Ec motors are wear-resistant and have a minimum service life of 5,000 hours, ideal for three-shift operation.

### 2 Tact system (Tact Automatic Filter Cleaning System)

- The two filters are cleaned with targeted, powerful blasts of air for constant high suction power.

## IVC 60/12-1 Tact Ec

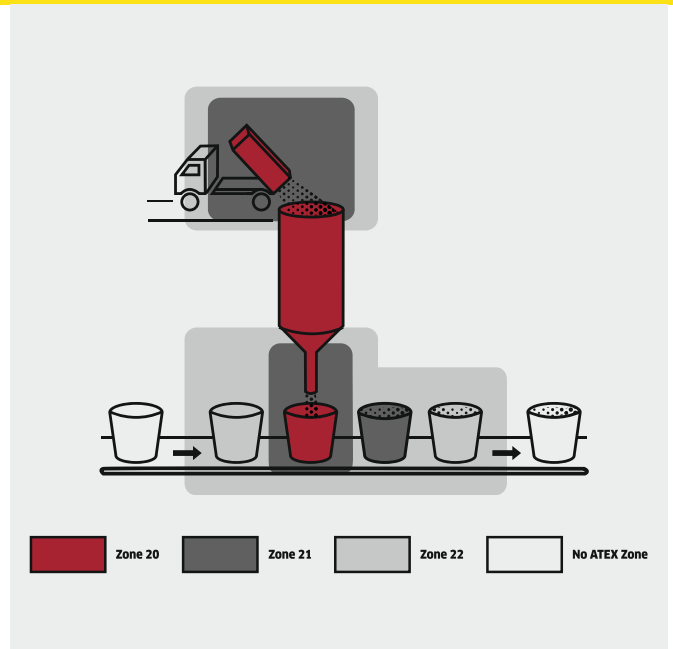
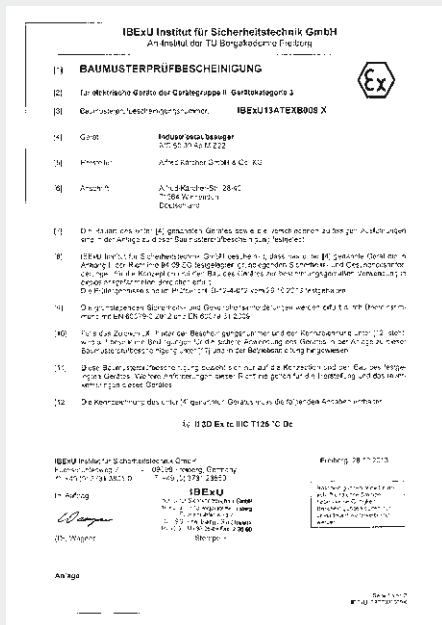
- Antistatic equipment
- Liquid cut-off
- Integrated cyclone for pre-separation system

Technical data		
Supply voltage	Ph / V / Hz	1 / 220-240 / 50-60
Rated input power during operation	kW	1.2
Air flow	l/s / m³/h	62.5 / 225
Vacuum	mbar / kPa	244 / 24.4
Container capacity	l	60
Filter area	m²	0.95
Main filter dust class		M
Sound pressure level	dB(A)	74
Cable length	m	10
Nominal width of connection		ID 72
Nominal width of accessory		ID 52 / ID 42
Weight	kg	59
Dimensions (L × W × H)	mm	970 × 690 × 995
Equipment		
Container included		60 l
Container for wet vacuuming		-
Container for dry applications		-
Longopac disposal system		2.013-050.0
Filter cleaning		Fully automatic
Order No.		1.576-102.0
Price		



# CERTIFIED SAFETY FOR POTENTIALLY EXPLOSIVE ATMOSPHERES

Vacuuming in potentially explosive atmospheres places the highest demands on machine quality. Across Europe, this is regulated by Directive 2014/34/EU and the associated country-specific standards, such as DIN EN 60335-2-69. With directive-compliant certification from TÜV Süd and IBExU, Kärcher Ex vacuums offer you the highest possible level of safety.



## Zoning

The greatest risk of explosion occurs if a hazardous quantity of flammable dusts or gases forms and mixes with air, which could then be ignited by a suitable ignition source. If conditions within the production areas are favourable to the formation of a flammable mixture, then in accordance with Directive 99/92/EC the operator is legally required to divide the affected areas into zones.

## Zone 22

All Kärcher Ex vacuums are certified for operation in Ex zone 22. They have been developed for areas where there is a temporarily explosive atmosphere due to flammable dusts. Possible ignition sources are avoided here or, where they are unavoidable, encapsulated.

## Typical industries for Ex zones

- Pharmaceutical and chemical industry.
- Food industry.
- Metalworking industry.
- Paper production.

You can find more examples in the application overview on page 288.

## Flammable dusts

The formation of an explosive mixture is largely dependent on the grain size of the dust dispersed in the air. Flammable dusts are generally deemed to be hazardous if they have a grain size of less than 0.5 mm.

## Examples of explosive dusts

Powder coating, swarf from metal, plastic and wood processing, grain flour, powdered milk, medication powder such as ascorbic acid, carrageen, ibuprofen and others.

# EX VACUUMS



## Safe dust removal for potentially explosive atmospheres

Middle-class vacuums for hazardous dusts in ATEX zone 22. The powerful side channel blowers make the machine ideal for shift operation.



### 1 Resilient and versatile

- Thanks to the long lifetime of the side channel blower, the IV 60/27-1 M B1 and IV 60/30 M B1 are also suitable for stationary use in multiple shift operation. The extensive accessory line provides for ergonomic and economical cleaning solutions for numerous applications.

### 2 Approved for dust classes M and B1 (Z22)

- IV 60/27-1 M B1 and IV 60/30 M B1 safety vacuums are suitable for class M hazardous dusts and for use in atmospheres of classes ST 1, ST 2 and ST 3 in zone 22.

### IV 60/30 M B1 (Z22)

### IV 60/27-1 M B1 (Z22)

- Antistatic equipment
- Filter status indicator
- Pole reverse plug

- Antistatic equipment
- Filter status indicator
- Robust wheels and castors

#### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50	1 / 220-240 / 50
Rated input power during operation	kW	3	2.7
Air flow	l/s / m³/h	68 / 244	65 / 234
Vacuum	mbar / kPa	286 / 28.6	240 / 24
Container capacity	l	60	60
Filter area	m²	1.8	1.8
Main filter dust class		M	M
Sound pressure level	dB(A)	75	71
Cable length	m	8	10
Nominal width of connection		ID 51	ID 51
Nominal width of accessory		ID 51	ID 51
Weight	kg	90	100
Dimensions (L × W × H)	mm	870 × 640 × 1820	920 × 640 × 1820

#### Equipment

Container included	No	No
Container for dry applications	6.394-821.0	6.394-821.0
Dust class	M	M
Type	Z22	Z22
Filter cleaning	Manual	Manual
Order No.	1.573-551.0	1.573-151.0
Price		

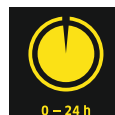
# EX VACUUMS



Illustration can differ from the original.

## Uncompromising safety: the Super class

Safety at the highest level with excellent suction power and filter lifetime: our new explosion-proof vacuum cleaners impress on all levels. The large star filters provide continuous protection against explosive suction waste, even in large quantities.



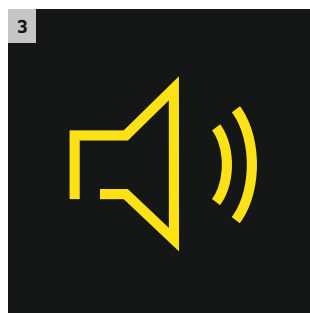
### 1 Power-saving soft start

- Low starting current prevents power supply voltage dips.
- Low energy peaks ensure lower energy costs.
- Only low machine fuse protection necessary (up to 5.5 A, 16 A, fuse protection is sufficient).



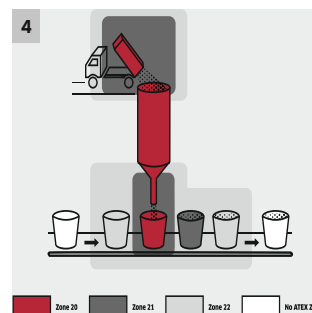
### 2 User-friendly set-down mechanism

- Easy and time-saving container removal directly on the handle.
- The practical container handle serves as an aid for pulling and pushing the machine to the emptying point.
- Large industrial rollers ensure maximum mobility even on uneven floors and under heavy load.



### 3 Innovative sound-damping

- A chamber sound damper effectively reduces operating noise.
- Health-friendly working thanks to low operating noise.



### 4 Suitable for zone 22

- IVS-Ex vacuums feature the latest technology to guarantee maximum safety.
- Reliable vacuuming of health-endangering substances such as explosive dusts.

# TECHNICAL DATA AND EQUIPMENT

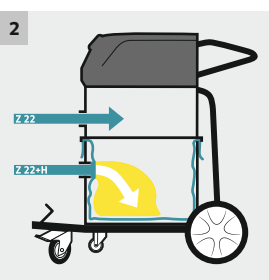
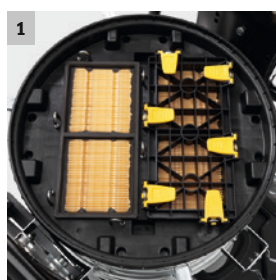
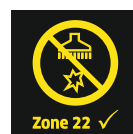
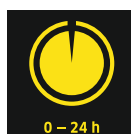
		IVS 100/75 M Z22	IVS 100/55 M Z22	IVS 100/40 M Z22
		<ul style="list-style-type: none"> <li>■ Antistatic equipment</li> <li>■ Extra-large filter area</li> <li>■ Manual filter cleaning</li> </ul>	<ul style="list-style-type: none"> <li>■ Antistatic equipment</li> <li>■ Extra-large filter area</li> <li>■ Manual filter cleaning</li> </ul>	<ul style="list-style-type: none"> <li>■ Antistatic equipment</li> <li>■ Extra-large filter area</li> <li>■ Manual filter cleaning</li> </ul>
<b>Technical data</b>				
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Rated input power during operation	kW	7.5	5.5	4
Air flow	l/s / m³/h	149 / 536	139 / 500	139 / 500
Vacuum	mbar / kPa	360 / 36	250 / 25	150 / 15
Container capacity	l	100	100	100
Filter area	m²	2.2	2.2	2.2
Main filter dust class		M	M	M
Sound pressure level	dB(A)	75	72	72
Cable length	m	8	8	8
Nominal width of connection		ID 72	ID 72	ID 72
Nominal width of accessory		ID 72 / ID 52	ID 72 / ID 52	ID 72 / ID 52
Weight	kg	188	155	140
Dimensions (L × W × H)	mm	1215 × 674 × 1509	1215 × 674 × 1509	1215 × 674 × 1509
<b>Equipment</b>				
Container included		100 l	100 l	100 l
Container for dry applications		-	-	-
Dust class		M	M	M
Type		Z22	Z22	Z22
Filter cleaning		Manual	Manual	Manual
Order No.		9.987-900.0	9.987-899.0	9.987-898.0
Price				

# EX VACUUMS



## Cleaners for zone 22

The Compact-class, ATEX-certified industrial vacuums are approved for potentially explosive zone 22 atmospheres. Thanks to innovative motor technology, the machines are ideal for continuous use.



### 1 With compact flat pleated filter

- The compact flat pleated filter has a large filter area.

### 2 Two-stage filter concept enables vacuuming with and without dust filter class H in ATEX zone 22

- Health protection thanks to filter class H when vacuuming health-endangering dusts via bottom branch.
- If class H is unnecessary in zone 22, the top branch does not need to be used.

## IVC 60/30 Ap M Z22

## IVC 60/12-1 Ec H Z22

- Certified according to 94/9/EC
- Manual filter cleaning
- Antistatic equipment

- Certified according to DIN EN 60335-2-69:2010
- Dust-free and low-dust disposal
- Antistatic equipment

Technical data			
Supply voltage	Ph / V / Hz	3 / 400 / 50	1 / 220-240 / 50-60
Rated input power during operation	kW	3	1.2
Air flow	l/s / m³/h	68 / 244	62.5 / 225
Vacuum	mbar / kPa	286 / 28.6	244 / 24.4
Container capacity	l	60	60
Filter area	m²	1.9	0.95
Main filter dust class		M	H
Sound pressure level	dB(A)	77	76
Cable length	m	8	10
Nominal width of connection		ID 72	ID 72
Nominal width of accessory		ID 42	ID 42
Weight	kg	95	59
Dimensions (L × W × H)	mm	970 × 690 × 1240	970 × 690 × 995
Equipment			
Container included		60 l	60 l
Container for dry applications		-	-
Dust class		M	H
Type		Z22	Z22
Filter cleaning		Manual	-
Order No.		1.576-106.0	1.576-103.0
Price			



## BUILD-IN UNITS

### Space-saving compact vacuum for dust and swarf



There is always space for IVR-B vacuums, even in the smallest corners of production halls, thanks to their compact size and low installation height.



#### 1 Optional castors increase mobility

- Using the optionally available castors allows mobile applications.

#### 2 Large-area cartridge filters

- For professional use and long work intervals.

#### IVR-B 50/30

#### IVR-B 30/15 Me

- Low installation height
- Cartridge filter
- Sound absorber

- Low installation height
- Cartridge filter
- Stainless steel container

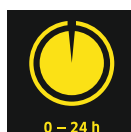
Technical data			
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50
Rated input power during operation	kW	3	1.5
Air flow	l/s / m³/h	87.5 / 315	58 / 210
Vacuum	mbar / kPa	260 / 26	200 / 20
Container capacity	l	50	30
Filter area	m²	0.7	0.7
Main filter dust class		M	M
Sound pressure level	dB(A)	70	70
Cable length	m	6	6
Nominal width of connection		ID 52	ID 52
Nominal width of accessory		ID 52 / ID 42	ID 52 / ID 42
Weight	kg	79	52
Dimensions (L × W × H)	mm	850 × 550 × 610	700 × 400 × 677
Equipment			
Container included		Yes	Yes
Optional machine parts		9.986-099.0	9.986-099.0
Order No.		9.986-073.0	9.986-072.0
Price			

# LIQUID AND SWARF VACUUMS



## Built for endurance

Whether for coolants, emulsions, oil or water, with or without swarf – the powerful liquid and swarf vacuums with a range of drive types are ideal for heavy-duty industrial uses.



### 1 Wear-resistant side channel blower

- A side channel blower offers high suction power and durability. These machines are therefore ideal for multiple shift operation.

### 2 Visual fill level display

- Always up to date: the filling level is always indicated during vacuuming.
- The machine can be emptied as required via the fill level hose.

## IVR-L 100/30

- Set-down trolley
- Compact design requires less floor space
- Sound-damping

### Technical data

Supply voltage	Ph / V / Hz	3 / 400 / 50
Rated input power during operation	kW	3
Air flow	l/s / m³/h	89 / 320
Vacuum	mbar / kPa	260 / 26
Container capacity	l	100
Filter area	m²	0.45
Sound pressure level	dB(A)	60
Cable length	m	6
Nominal width of connection		ID 72
Nominal width of accessory		ID 72 / ID 52
Weight	kg	136
Dimensions (L × W × H)	mm	850 × 760 × 1800

### Equipment

Automatic fill-level cut-off function

-

Order No.

9.986-064.0

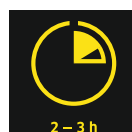
Price

# LIQUID AND SWarf VACUUMS



## Specialist machines with stamina

With a 120-litre capacity, IVR-L 120 vacuums offer the longest emptying intervals. The oil-resistant design makes the machine ideal for removing oil.



### 1 New drive head for increased safety, convenience and power

- The low weight of the drive head ensures easier handling during transport, emptying and maintenance.
- Higher work safety during transport due to mounting of the cable on the head of the device.

### 2 360° working radius

- Rotatable hose connection on the suction head for all-round cleanliness. No tangling of the suction hose.

#### IVR-L 120/24-2 Tc Me Dp

#### IVR-L 120/24-2 Tc Me

#### IVR-L 120/24-2 Tc

- |   |   |                             |
|---|---|-----------------------------|
| ■ Tilting chassis                       | ■ Tilting chassis                       | ■ Tilting chassis           |
| ■ Stainless steel housing and container | ■ Stainless steel housing and container | ■ Visual fill level display |
| ■ Barrel pump function                  | ■ Visual fill level display             |                             |

#### Technical data

	Ph / V / Hz	1 / 220-240 / 50-60	1 / 220-240 / 50-60	1 / 220-240 / 50-60
Supply voltage		1 / 220-240 / 50-60	1 / 220-240 / 50-60	1 / 220-240 / 50-60
Rated input power during operation	kW	2.4	2.4	2.4
Air flow	l/s / m³/h	148 / 532	148 / 532	148 / 532
Vacuum	mbar / kPa	235 / 23	235 / 23	235 / 23
Container capacity	l	120	120	120
Filter area	m²	0.45	0.45	0.45
Sound pressure level	dB(A)	76	76	76
Cable length	m	6	6	6
Nominal width of connection		ID 52	ID 52	ID 52
Nominal width of accessory		ID 52 / ID 42	ID 52 / ID 42	ID 52 / ID 42
Weight	kg	-	-	-
Dimensions (L x W x H)	mm	745 x 710 x 1420	745 x 710 x 1420	745 x 710 x 1420

#### Equipment

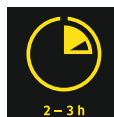
Automatic fill-level cut-off function	-	-	-
Order No.	9.987-890.0	9.987-889.0	9.987-888.0
Price			

# LIQUID AND SWARF VACUUMS



## The power of twin motors

Whether with stainless steel container, tilting chassis or drum pump function: the dual-motor IVR-L variants offer the greatest versatility and the right solution for any application.



### 1 New drive head for increased safety, convenience and power

- The low weight of the drive head ensures easier handling during transport, emptying and maintenance.
- Higher work safety during transport due to mounting of the cable on the head of the device.
- Integrated exhaust air cover to avoid dirt in the engine area.



### 2 360° working radius

- Rotatable hose connection on the suction head for all-round cleanliness. No tangling of the suction hose.



### 3 Practical tilting chassis

- Quick and easy emptying of the container: just tip backwards and you're done!



### 4 Secure accessory storage

- Suction hose storage hook and defined accessory storage for a clean, tidy and ready-to-use machine.

# TECHNICAL DATA AND EQUIPMENT

## IVR-L 100/24-2 Tc Me Dp

## IVR-L 100/24-2 Tc Me

## IVR-L 100/24-2 Tc

- Tilting chassis
- Stainless steel housing and container
- Barrel pump function
- Tilting chassis
- Stainless steel housing and container
- Visual fill level display
- Tilting chassis
- Visual fill level display

### Technical data

Supply voltage	V / Hz	220-240 / 50-60	220-240 / 50-60	220-240 / 50-60
Rated input power during operation	kW	2.4	2.4	2.4
Air flow	l/s / m³/h	148 / 532	148 / 532	148 / 532
Vacuum	mbar / kPa	235 / 23	235 / 23	235 / 23
Container capacity	l	100	100	100
Filter area	m²	0.45	0.45	0.45
Sound pressure level	dB(A)	76	76	76
Cable length	m	6	6	6
Nominal width of connection		ID 52	ID 52	ID 52
Nominal width of accessory		ID 52 / ID 42	ID 52 / ID 42	ID 52 / ID 42
Weight	kg	59	55	58
Dimensions (L × W × H)	mm	740 × 620 × 1180	740 × 620 × 1180	740 × 620 × 1180

### Equipment

Automatic fill-level cut-off function	-	-	-
Order No.	9.987-887.0	9.987-886.0	9.987-885.0
Price			

## IVR-L 100/24-2 Me

## IVR-L 100/24-2

- Compact design requires less floor space
- Stainless steel housing and container
- Compact design requires less floor space
- Visual fill level display

### Technical data

Supply voltage	V / Hz	220-240 / 50-60	220-240 / 50-60
Rated input power during operation	kW	2.4	2.4
Air flow	l/s / m³/h	148 / 532	148 / 532
Vacuum	mbar / kPa	235 / 23	235 / 23
Container capacity	l	100	100
Filter area	m²	0.45	0.45
Sound pressure level	dB(A)	76	76
Cable length	m	6	6
Nominal width of connection		ID 52	ID 52
Nominal width of accessory		ID 52 / ID 42	ID 52 / ID 42
Weight	kg	50	51
Dimensions (L × W × H)	mm	640 × 620 × 1060	640 × 620 × 1060

### Equipment

Automatic fill-level cut-off function	-	-
Order No.	9.987-884.0	9.987-883.0
Price		

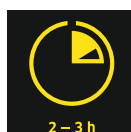


# LIQUID AND SWarf VACUUMS



## The powerful introduction to liquid vacuuming

Machines in the IVR-L range for the metal processing industry are exceptionally robust and durable, and deliver outstanding results in day-to-day heavy-duty use.



### 1 Durability

- High-quality materials and robust welding techniques guarantee a long service life.
- An oil-resistant power cord is included as standard and increases the machine's service life.

### 2 Float ball for volume flow disruption

- A float ball in the machine head disrupts the suction volume as soon as the maximum fill capacity has been reached.
- Application as an emergency circuit. The filter must be dry when restarting.

### IVR-L 65/12-1 Tc

### IVR-L 40/12-1

- Tilting chassis
- Compact design requires less floor space
- Visual fill level display

- Compact design requires less floor space
- Visual fill level display

#### Technical data

Current type	Ph / V / Hz	1 / 220-240 / 50-60	1 / 220-240 / 50-60
Rated input power in operation	kW	1.2	1.2
Air flow	l/s / m³/h	59 / 212.4	59 / 212.4
Vacuum	mbar / kPa	230 / 23	230 / 23
Container capacity	l	65	40
Filter area	m²	0.25	0.25
Sound pressure level	dB(A)	71	71
Cable length	m	6	6
ID connector		ID 52	ID 52
ID accessory		ID 42	ID 42
Weight	kg	43	36
Dimensions (L × W × H)	mm	742 × 500 × 1100	711 × 523 × 960

#### Equipment

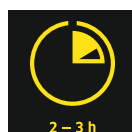
Automatic fill-level-cut-off function	■	■
Order No.	9.986-055.0	9.986-054.0
Price		

# LIQUID AND SWarf VACUUMS



## The reliable vacuum with air flow reversal

The powerful liquid vacuum has two bypass motors. Liquids that have been vacuumed up can be released very quickly using the air flow reversal function.



### 1 Convenient air flow reversal function

- The air flow can be easily switched over. This makes it easy to empty the container.

### 2 Two electronically controlled tangential blowers

- Two blowers ensure high suction power. Once the container is full, the machine switches off automatically.

## IVL 50/24-2

- Easy-to-use air reversal feature
- Electronic motor control
- Stainless steel container

### Technical data

Current type	Ph / V / Hz	1 / 220-240 / 50-60
Rated input power in operation	kW	2.4
Air flow	l/s / m³/h	112 / 403
Vacuum	mbar / kPa	235 / 23.5
Container capacity	l	50
Filter area	m²	1
Sound pressure level	dB(A)	73
Cable length	m	8
ID connector		ID 51
ID accessory		ID 51
Weight	kg	110
Dimensions (L x W x H)	mm	980 x 650 x 1250

### Equipment

Automatic fill-level-cut-off function	■
Order No.	1.573-952.0
Price	

# EVERYTHING YOU NEED: SUITABLE ACCESSORIES FOR ALL INDUSTRIES

The wide range of accessory parts offers almost unlimited applications. Even the hoses have the right diameter and composition for the material to be vacuumed and can easily be extended. All accessories are electrically conductive.



## Table of contents: Industrial vacuum accessories

Accessory kits	Page 314
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Bends and suction tubes	Page 330
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Adapter and spare parts	Page 336
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### 1 Nominal size designation of industrial vacuums

The nominal size designation of industrial vacuums indicates the accessory generation. Generation 1 with the designations ID 51 and 61 is suitable for IV and IVL vacuum cleaners. Generation 2 with the designations ID 42, 52 and 72 is suitable for IVC and IVR vacuum cleaners. Both accessory systems can be combined using an adapter.

### 2 Accessories for Ex vacuums

All accessories for industrial vacuums are electrically conductive. The accessories for Ex vacuums are certified separately together with the vacuum cleaner. These vacuum cleaners may only be operated with specially designated accessories.

### Hose assembly available by the metre

	Designation	Quantity	ID 42	ID 52	ID 72
	Suction hose available by the metre in the required material and length	1			
and 	Vacuum connector, ID 72 on selected hose diameter for IVC machine connection	1	6.902-178.0	6.902-177.0	6.902-173.0
or 	Connector for IVR and extension hoses	1	6.902-170.0	6.902-168.0	6.902-173.0
and 	Accessory adapter, rotatable	1	6.902-172.0	6.902-169.0	6.902-175.0
and 	Hose clamp, 40-60 mm	2	6.902-167.0	6.902-167.0	6.902-176.0
and 	Hose sleeve	2	6.902-171.0	6.902-166.0	6.902-174.0





## IV ACCESSORY KITS



Kärcher's versatile industrial accessories are made from high-quality materials, facilitate working and ensure safe operation, even for sharp-edged waste like metal shavings.

		Order No.	Quantity	ID	Price	Description
<b>Accessory kits IVC, IVS, IVR (3-phases)</b>						
Dry vacuuming kit for fine dust, screw connection	1	2.869-106.0	6-part	ID 42		PVC suction hose 3 m ID 42 (6.907-292.0), bend ID 42 (6.902-202.0), suction tube 750 mm ID 42 (6.902-182.0), floor nozzle 370 mm ID 42 (6.902-185.0), plastic crevice nozzle 13 mm ID 42 (6.902-195.0), round brush, angled ID 42 (6.902-193.0).
Vacuuming kit for liquids with solids, screw connection	2	2.869-107.0	6-part	ID 42		ME-PU suction hose 3 m ID 42 (6.907-304.0), bend ID 42 (6.902-202.0), suction tube 750 mm ID 42 (6.902-182.0), floor tool 370 mm ID 42 (6.902-185.0), nozzle, flexible ID 42 (6.902-197.0), round suction nozzle, rubber ID 42 (6.902-200.0), swarf basket (2.860-268.0).
Vacuuming kit for solids/small quantities of liquids, screw connection	3	2.869-108.0	6-part	ID 52		ME-PU suction hose 3 m ID 52 (6.907-306.0), bend ID 52 (6.902-201.0), suction tube 850 mm ID 52 (6.902-181.0), floor tool 370 mm ID 52 (6.902-184.0), nozzle, flexible ID 52 (6.902-196.0), aluminium surface nozzle 150 mm ID 52 (6.902-187.0).
Vacuuming kit for dry/coarse particles, screw connection	4	2.869-109.0	6-part	ID 52		PU suction hose 3 m ID 52 (6.907-300.0), bend ID 52 (6.902-201.0), suction tube 850 mm ID 52 (6.902-181.0), floor tool 370 mm ID 52 (6.902-184.0), nozzle, flexible ID 52 (6.902-196.0), aluminium surface nozzle 150 mm ID 52 (6.902-187.0).
Suction set, explosive dusts	5	9.988-127.0	6-part	ID 42		PVC suction hose, 3 m, ID 42 (6.907-292.0), bend, ID 42 (6.902-202.0), suction tube, 750 mm, ID 42 (6.902-182.0), floor nozzle Ex (6.902-213.0), crevice nozzle, plastic, ID 42 (6.902-195), surface brush, ID 42 (6.902-204).
<b>Accessory kits IVR (1-phase)</b>						
Vacuuming kit for liquids, screw connection	6	9.986-271.0	6-part	ID 42		Reducer ID 52 to ID 42 (6.902-179.0), PU suction hose, 3 m, ID 42 (6.907-314.0), bend ID 42 (6.902-202.0), suction tube, 750 mm, ID 42 (6.902-182.0), floor nozzle, 370 mm, ID 42 (6.902-185.0), elongated round nozzle, rubber, ID 42 (6.902-200.0).
Vacuuming kit for liquids and swarf, screw connection	7	9.986-280.0	6-part	ID 42		Reducer ID 52 to ID 42 (6.902-179.0), ME-PU suction hose, 3 m, ID 42 (6.907-318.0), bend ID 42 (6.902-202.0), suction tube, 750 mm, ID 42 (6.902-182.0), floor nozzle, 370 mm, ID 42 (6.902-185.0), flexible nozzle, plastic, ID 42 (6.902-197.0).
Vacuuming kit for liquids, screw connection	8	9.986-281.0	5-part	ID 52		PU suction hose, 3 m, ID 52 (6.907-316.0), bend ID 52 (6.902-201.0), suction tube, 850 mm, ID 52 (6.902-181.0), floor nozzle, 370 mm, ID 52 (6.902-184.0), flexible nozzle, plastic, ID 52 (6.902-196.0).
Vacuuming kit for liquids and swarf, screw connection	9	9.986-282.0	5-part	ID 52		ME-PU suction hose, 3 m, ID 52 (6.907-320.0), bend ID 52 (6.902-201.0), suction tube, 850 mm, ID 52 (6.902-181.0), floor nozzle, 370 mm, ID 52 (6.902-184.0), surface nozzle, aluminium, ID 52 (6.902-187.0).
Suction set, stainless steel	10	9.988-126.0	6-part	ID 52		Connection hose, light PU (9.988-124.0), stainless steel bend (9.988-111.0), stainless steel suction tube (9.988-114.0), stainless steel floor nozzle (9.988-115.0), stainless steel crevice nozzle (9.988-123.0), rubber nozzle, angled (9.988-118.0).

■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.



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		Order No.	Quantity	ID	Price	Description
<b>Accessory kits IV, IVL</b>						
Industrial kit for lighter applications, socket plug connection	11	2.641-177.0	7-part	ID 51		1 × 4.130-412.0 floor tool ID 51, aluminium, 500 mm. 1 × 6.906-773.0 suction nozzle ID 51, plastic. 1 × 6.906-768.0 crevice nozzle ID 51, plastic. 1 × 6.906-767.0 bend ID 51, stainless steel. 2 × 6.906-766.0 suction tube 0.5 m, ID 51, stainless steel. 1 × 6.906-791.0 suction hose, plastic, ID 51, 5 m.
Industrial kit for demanding applications, socket plug connection	12	2.641-178.0	7-part	ID 51		1 × 6.906-793.0 floor tool ID 51, H-D, 500 mm. 1 × 6.906-773.0 suction nozzle ID 51, plastic. 1 × 6.906-768.0 crevice nozzle ID 51, plastic. 1 × 6.906-767.0 bend ID 51, stainless steel. 2 × 6.906-766.0 suction tube 0.5 m, ID 51, stainless steel. 1 × 6.906-786.0 PU suction hose ID 51, 5 m.
Industrial kit for lighter applications, socket plug connection	13	2.641-175.0	7-part	ID 61		1 × 4.130-413.0 floor nozzle ID 61, aluminium, 500 mm. 1 × 6.903-056.0 suction nozzle ID 61, plastic. 1 × 6.900-222.0 crevice nozzle ID 61, plastic. 1 × 6.906-850.0 bend ID 61, stainless steel. 2 × 6.906-851.0 suction tube 0.5 m, ID 61, stainless steel. 1 × 6.906-781.0 suction hose, plastic, ID 61, 5 m.
Industrial kit for demanding applications, socket plug connection	14	2.641-176.0	7-part	ID 61		1 × 6.906-802.0 floor tool ID 61, H-D, 500 mm. 1 × 6.903-056.0 suction nozzle ID 61, plastic. 1 × 6.900-222.0 crevice nozzle ID 61, plastic. 1 × 6.906-850.0 bend ID 61, stainless steel. 2 × 6.906-851.0 suction tube 0.5 m, ID 61, stainless steel. 1 × 6.906-777.0 PU suction hose ID 61, 5 m.

□ Available accessories. More Kärcher original accessories can be found on the following pages.

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## IV SUCTION HOSES



You can find the right hose for your application here. Ensure that you select the appropriate nominal diameter of accessories and hose length for the machine.

PVC	fine and light suction waste, e.g. plastic granulate, concrete dust
EVA	very light suction waste, entry-level applications, e.g. mineral dust
PU	liquid and abrasive suction waste, e.g. cooling lubricants, oil, swarf with liquid
Rubber	liquid and abrasive suction waste, e.g. cooling lubricants, oil, swarf with liquid
ME	very hot, dry suction waste, e.g. slag
ME-PU	very abrasive suction waste with liquid, e.g. metal shavings with cooling lubricants

		Order No.	Quantity	ID	Length / width	Price	Description
PVC hoses							
Suction hose, PVC, screw connection	1	6.907-292.0	1 piece(s)	ID 42	3 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 42 accessory end hinge, max. temperature 85°C, for fine and light suction waste.
	2	6.907-293.0	1 piece(s)	ID 42	5 m		
	3	6.907-294.0	1 piece(s)	ID 52	3 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 52 accessory end hinge, max. temperature 85°C, for fine and light suction waste.
	4	6.907-295.0	1 piece(s)	ID 52	5 m		
	5	6.907-296.0	1 piece(s)	ID 72	3 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 72 accessory end hinge, max. temperature 85°C, for fine and light suction waste. Can also be used as an extension hose.
	6	6.907-297.0	1 piece(s)	ID 72	5 m		
Connection hose, PVC, screw connection	7	6.907-310.0	1 piece(s)	ID 42	3 m		Electrically conductive, ID 42 connection at both ends, slit and accessory end hinge, max. temperature 85°C, for fine and light suction waste. IVC only as an extension hose, IVR only with reduction.
	8	6.907-311.0	1 piece(s)	ID 42	5 m		
	9	6.907-312.0	1 piece(s)	ID 52	3 m		Electrically conductive, ID 52 connection at both ends, slit and accessory end hinge, max. temperature 85°C, for fine and light suction waste. IVC only as an extension hose, 3~ IVR reduction required.
	10	6.907-313.0	1 piece(s)	ID 52	5 m		
Suction hose, available by the metre, PVC, screw connection	11	9.980-645.0		ID 42			Electrically conductive, without connections, whole metres up to max. 15 m, price per metre, max. temperature 85°C, for fine and light suction waste.
	12	9.980-646.0		ID 52			
	13	9.980-677.0		ID 72			
Suction hose, PVC, socket plug connection	14	6.906-791.0	1 piece(s)	ID 51	5 m		Electrically conductive, ID 51 connection and hinge at both ends, max. temperature 85°C, for fine and light suction waste.
	15	6.906-787.0	1 piece(s)	ID 51	10 m		
	16	6.906-781.0	1 piece(s)	ID 61	5 m		Electrically conductive, ID 61 connection and hinge at both ends, max. temperature 85°C, for fine and light suction waste.
	17	6.906-782.0	1 piece(s)	ID 61	10 m		
EVA hoses							
Suction hose EVA, screw connection	18	9.988-092.0 ■	1 piece(s)	ID 42	3 m		EVA material, electrically conductive, ID 72 machine connection with star screw, slit and ID 42 accessory end hinge, highly flexible, for fine and light suction waste.
	19	9.988-093.0 ■	1 piece(s)	ID 42	5 m		
	20	9.988-094.0 ■	1 piece(s)	ID 52	3 m		EVA material, electrically conductive, ID 72 machine connection with star screw, slit and ID 52 accessory end hinge, highly flexible, for fine and light suction waste.
	21	9.988-095.0 ■	1 piece(s)	ID 52	5 m		
Connection hose EVA, screw connection	22	9.988-088.0 ■	1 piece(s)	ID 42	3 m		EVA material, electrically conductive, ID 42 connection at both ends, slit and accessory end hinge, highly flexible, for fine and light suction waste. IVC only as an extension hose, IVR only with reduction.
	23	9.988-089.0 ■	1 piece(s)	ID 42	5 m		
	24	9.988-090.0 ■	1 piece(s)	ID 52	3 m		EVA material, electrically conductive, ID 52 connection at both ends, slit and accessory end hinge, highly flexible, for fine and light suction waste. IVC only as an extension hose, IVR only with reduction.
	25	9.988-091.0 ■	1 piece(s)	ID 52	5 m		

■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Quantity	ID	Length / width	Price	Description
<b>PU hoses</b>							
Suction hose, PU, screw connection	26	6.907-298.0	1 piece(s)	ID 42	3 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 42 accessory end hinge, max. temperature 80°C, for liquids and abrasive solids.
	27	6.907-299.0	1 piece(s)	ID 42	5 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 52 accessory end hinge, max. temperature 80°C, for liquids and abrasive solids.
	28	6.907-300.0	1 piece(s)	ID 52	3 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 52 accessory end hinge, max. temperature 80°C, for liquids and abrasive solids.
	29	6.907-301.0	1 piece(s)	ID 52	5 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 72 accessory end hinge, max. temperature 80°C, for liquids and abrasive solids. Can also be used as an extension hose.
	30	6.907-302.0	1 piece(s)	ID 72	3 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 72 accessory end hinge, max. temperature 80°C, for liquids and abrasive solids. Can also be used as an extension hose.
	31	6.907-303.0	1 piece(s)	ID 72	5 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 72 accessory end hinge, max. temperature 80°C, for liquids and abrasive solids. Can also be used as an extension hose.
Connection hose, PU, screw connection	32	6.907-314.0	1 piece(s)	ID 42	3 m		Electrically conductive, ID 42 connection at both ends, slit and accessory end hinge, max. temperature 80°C, for liquids and abrasive solids. IVC only as an extension hose, IVR only with reduction.
	33	6.907-315.0	1 piece(s)	ID 42	5 m		Electrically conductive, ID 42 connection at both ends, slit and accessory end hinge, max. temperature 80°C, for liquids and abrasive solids. IVC only as an extension hose, IVR only with reduction.
	34	6.907-316.0	1 piece(s)	ID 52	3 m		Electrically conductive, ID 52 connection at both ends, slit and accessory end hinge, max. temperature 80°C, for liquids and abrasive solids. IVC only as an extension hose, IVR only with reduction.
	35	6.907-317.0	1 piece(s)	ID 52	5 m		Electrically conductive, ID 52 connection at both ends, slit and accessory end hinge, max. temperature 80°C, for liquids and abrasive solids. IVC only as an extension hose, IVR only with reduction.
Suction hose, available by the metre, PU, screw connection	36	9.980-678.0		ID 42			Electrically conductive, without connections, whole metres up to max. 15 m, price per metre, max. temperature 80°C, for liquids and abrasive solids.
	37	9.980-649.0		ID 52			Electrically conductive, without connections, whole metres up to max. 15 m, price per metre, max. temperature 80°C, for liquids and abrasive solids.
	38	9.980-650.0		ID 72			Electrically conductive, without connections, whole metres up to max. 15 m, price per metre, max. temperature 80°C, for liquids and abrasive solids.
PU extension hose, stainless steel connections	39	9.988-124.0		ID 52			Electrically conductive, ID 52 stainless steel connections at both ends, slit and accessory end hinge, max. temperature 80°C, for liquids and solids, food-grade. IVC and IVS reduction required.
Suction hose, available by the metre, light PU, screw connection	40	9.980-679.0		ID 42			Electrically conductive, without connections, whole metres up to max. 15 m, price per metre, max. temperature 80°C, for liquids and solids.
	41	9.980-680.0		ID 52			Electrically conductive, without connections, whole metres up to max. 15 m, price per metre, max. temperature 80°C, for liquids and solids.
	42	9.980-681.0		ID 72			Electrically conductive, without connections, whole metres up to max. 15 m, price per metre, max. temperature 80°C, for liquids and solids.
Suction hose, PU, socket plug connection	43	6.906-786.0	1 piece(s)	ID 51	5 m		Electrically conductive, ID 51 connection and hinge at both ends, max. temperature 80°C, for liquids and abrasive solids.
	44	6.906-788.0	1 piece(s)	ID 51	10 m		Electrically conductive, ID 51 connection and hinge at both ends, max. temperature 80°C, for liquids and abrasive solids.
	45	6.906-777.0	1 piece(s)	ID 61	5 m		Electrically conductive, ID 61 connection and hinge at both ends, max. temperature 80°C, for liquids and abrasive solids.
	46	6.906-778.0	1 piece(s)	ID 61	10 m		Electrically conductive, ID 61 connection and hinge at both ends, max. temperature 80°C, for liquids and abrasive solids.
<b>Rubber hoses</b>							
Suction hose, rubber, socket plug connection	47	6.906-789.0	1 piece(s)	ID 51	5 m		Electrically conductive, ID 51 connection and hinge at both ends, max. temperature 80°C, for liquids and very abrasive solids.
	48	6.906-779.0	1 piece(s)	ID 61	5 m		Electrically conductive, ID 61 connection and hinge at both ends, max. temperature 80°C, for liquids and very abrasive solids.

□ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Quantity	ID	Length / width	Price	Description
<b>Metal hoses</b>							
Suction hose, ME-PU, screw connection	49	6.907-304.0	1 piece(s)	ID 42	3 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 42 accessory end hinge, max. temperature 110°C, for metal shavings with liquids.
	50	6.907-305.0	1 piece(s)	ID 42	5 m		
	51	6.907-306.0	1 piece(s)	ID 52	3 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 52 accessory end hinge, max. temperature 110°C, for metal shavings with liquids.
	52	6.907-307.0	1 piece(s)	ID 52	5 m		
	53	6.907-308.0	1 piece(s)	ID 72	3 m		Electrically conductive, ID 72 machine connection with star screw, slit and ID 72 accessory end hinge, max. temperature 110°C, for metal shavings with liquids. Can also be used as an extension hose.
	54	6.907-309.0	1 piece(s)	ID 72	5 m		
Connection hose, ME-PU, screw connection	55	6.907-318.0	1 piece(s)	ID 42	3 m		Electrically conductive, ID 42 connection at both ends, slit and accessory end hinge, max. temperature 110°C, for metal shavings with liquids. IVC only as an extension hose, IVR only with reduction.
	56	6.907-319.0	1 piece(s)	ID 42	5 m		
	57	6.907-320.0	1 piece(s)	ID 52	3 m		Electrically conductive, ID 52 connection at both ends, slit and accessory end hinge, max. temperature 110°C, for metal shavings with liquids. IVC only as an extension hose, 3" IVR reduction required.
	58	6.907-321.0	1 piece(s)	ID 52	5 m		
Suction hose, available by the metre, ME-PU, screw connection	59	9.980-647.0		ID 42			Electrically conductive, without connections, whole metres up to max. 15 m, price per metre, max. temperature 110°C, for metal shavings with liquids.
	60	9.980-707.0		ID 52			
Suction hose, ME, socket plug connection	61	6.906-784.0	1 piece(s)	ID 51	5 m		Electrically conductive, ID 51 connection and hinge at both ends, max. temperature 400°C, for hot solids, not suitable for liquids.
	62	6.906-775.0	1 piece(s)	ID 61	5 m		Electrically conductive, ID 61 connection and hinge at both ends, max. temperature 400°C, for hot solids, not suitable for liquids.

□ Available accessories. More Kärcher original accessories can be found on the following pages.

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## IV NOZZLES

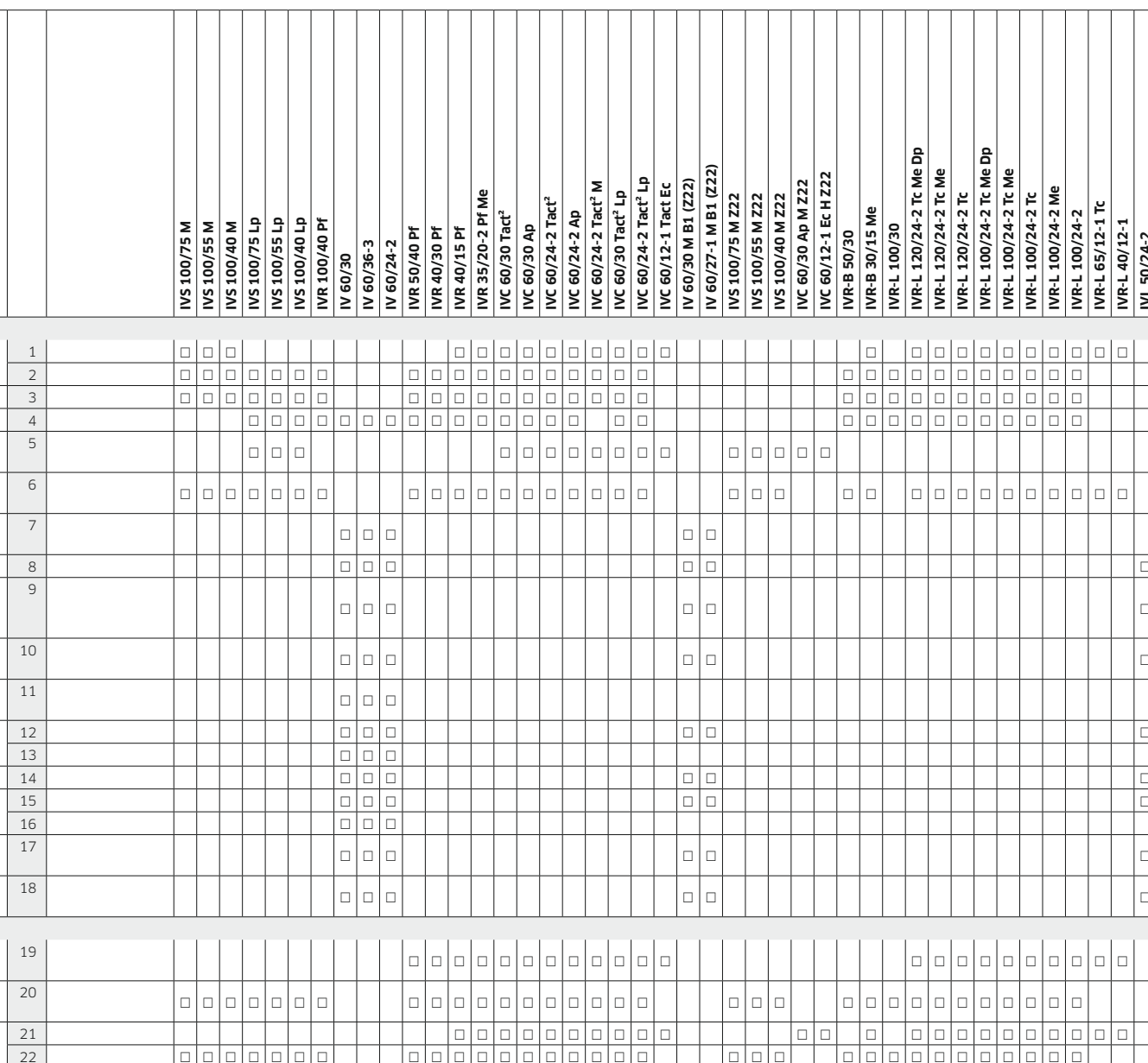


For small or large surfaces, wet or dry suction material – the robust nozzles for industrial vacuums are designed for the toughest jobs.

		Order No.	Quantity	ID	Length / width	Price	Description
<b>Floor nozzles</b>							
Multi-purpose floor nozzle, wet/dry	1	6.902-185.0	1 piece(s)	ID 42	370 mm		Multi-purpose nozzle for floor cleaning, width 370 mm.
	2	6.902-184.0	1 piece(s)	ID 52	370 mm		
	3	6.902-186.0	1 piece(s)	ID 52	500 mm		Multi-purpose nozzle for floor cleaning, width 500 mm.
Brush strip	4	6.903-067.0	2 -part		500 mm		Brush strip for multi-purpose nozzle, 500 mm 6.902-186.0.
Multi-purpose nozzle, Ex-approved	5	6.902-213.0	1 piece(s)	ID 42	370 mm		Multi-purpose nozzle for floor cleaning, electrically conductive, ATEX-approved, width 370 mm, ID 42.
Multi-purpose nozzle, stainless steel	6	9.988-115.0	1 piece(s)	ID 52	370 mm		Multi-purpose floor nozzle, stainless steel, ID 52, food-grade
Floor nozzle, wet/dry	7	6.906-814.0	1 piece(s)	ID 51	370 mm		Aluminium, oil-resistant, with height-adjustable rollers, brush strips and rubber strips; Rubber strip set 6.903-081.0.
Rubber strip set	8	6.903-081.0	2 -part		370 mm		Rubber strip set, oil-resistant, for floor nozzle 6.906-814.0.
Floor nozzle, wet/dry	9	4.130-412.0	1 piece(s)	ID 51	500 mm		Aluminium, oil-resistant, with height-adjustable rollers, brush strips and rubber strips; brush strip set 6.903-067.0; rubber strip set 6.906-168.0.
Rubber strip set	10	6.906-168.0	2 -part		500 mm		Rubber strip set, oil-resistant, for floor nozzle 4.130-412.0 and -413.0.
Floor nozzle, wet/dry	11	4.130-413.0	1 piece(s)	ID 61	500 mm		Aluminium, oil-resistant, with height-adjustable rollers, brush strips 6.903-067.0 and squeegees 6.906-168.0.
Heavy-duty floor nozzle	12	6.906-793.0	1 piece(s)	ID 51	500 mm		Cast aluminium floor nozzle with height-adjustable rollers for demanding applications.
	13	6.906-802.0	1 piece(s)	ID 61	500 mm		
Rubber strip for floor nozzle	14	6.906-833.0	1 piece(s)		500 mm		Rubber strip, oil-resistant, for floor nozzle 6.906-793.0 and -802.0.
Triangular nozzle	15	6.906-796.0	1 piece(s)	ID 51	300 mm		Cast aluminium surface nozzle for demanding applications.
(cast aluminium, squeegee)	16	6.906-805.0	1 piece(s)	ID 61	300 mm		
Steel strip for triangular nozzle	17	6.906-835.0	1 piece(s)		300 mm		Steel bar for surface nozzle 6.906-796.0 and -805.0. As replacement for 6.906-795.0 and -804.0.
Rubber strip for triangular nozzle	18	6.906-834.0	1 piece(s)		300 mm		Rubber strip, oil-resistant, for surface nozzle 6.906-796.0 and -805.0.
<b>Crevice tools</b>							
Crevice nozzle, lightweight plastic	19	9.988-116.0	1 piece(s)	ID 42			Multi-purpose crevice nozzle, plastic, ID 42.
	20	9.988-117.0	1 piece(s)	ID 52			Multi-purpose crevice nozzle, plastic, ID 52.
Crevice nozzle, plastic	21	6.902-195.0	1 piece(s)	ID 42	290 × 13 mm		Crevice nozzle, plastic, steel connection, nozzle width 13 mm.
	22	6.902-194.0	1 piece(s)	ID 52	340 × 13 mm		

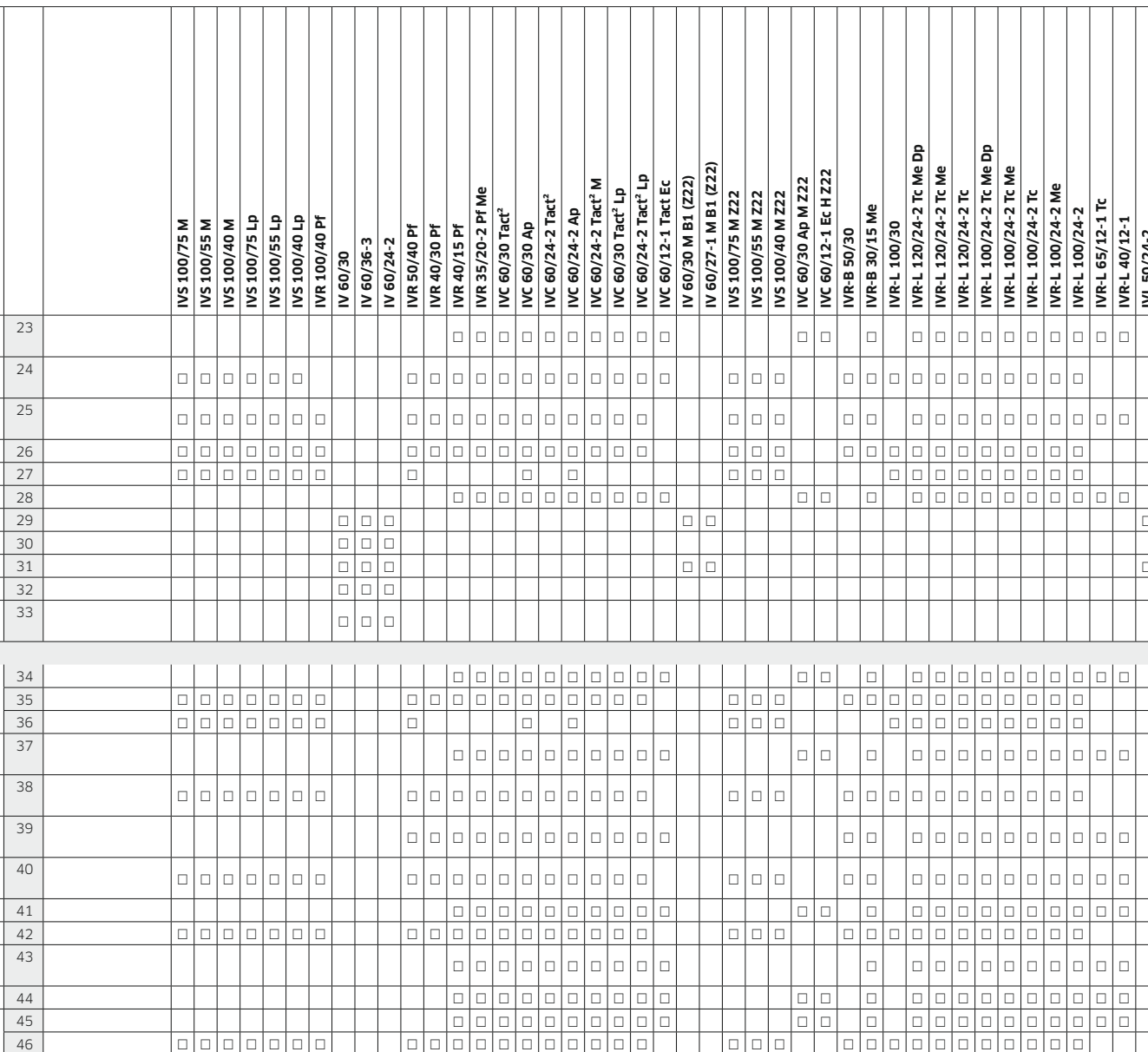
■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.





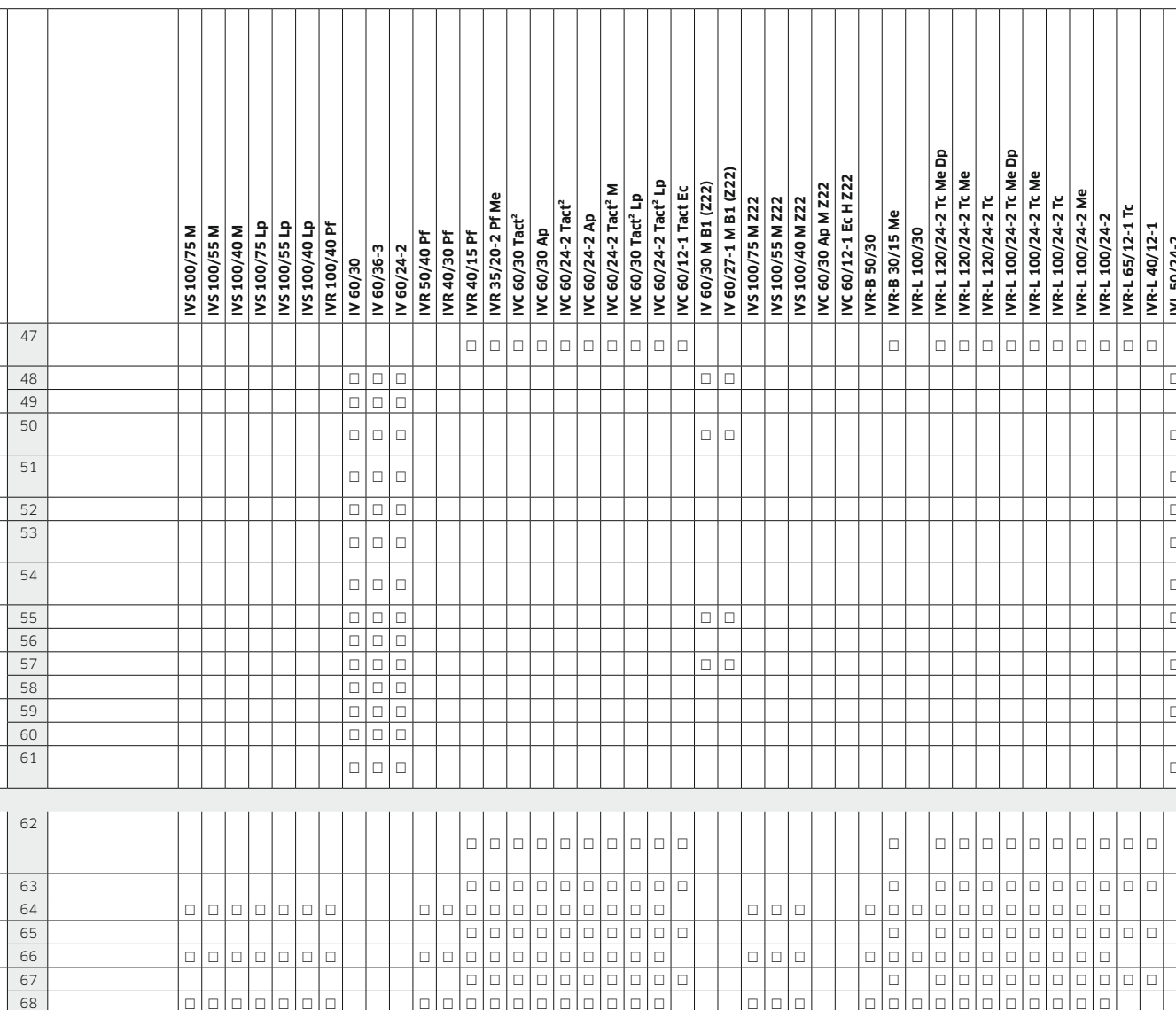
		Order No.	Quantity	ID	Length / width	Price	Description
Crevice nozzle, plastic, flexible	23	6.902-210.0	1 piece(s)	ID 42	340 × 20 mm		Bendable plastic crevice nozzle (ID 42) with a nozzle width of 20 mm. Ideal for flexible applications thanks to high manoeuvrability.
	24	6.902-211.0	1 piece(s)	ID 52	425 × 20 mm		Bendable crevice nozzle (ID 52) made of plastic for flexible applications, with a nozzle width of 20 mm.
Crevice nozzle, stainless steel	25	9.988-123.0	1 piece(s)	ID 52			Crevice nozzle, stainless steel, ID 42, food-grade.
Crevice nozzle, galvanised	26	6.902-189.0	1 piece(s)	ID 52	350 × 17 mm		Crevice nozzle, zinc-coated, ID 52, nozzle width 17 mm.
	27	6.902-191.0	1 piece(s)	ID 72	350 × 30 mm		Crevice nozzle, zinc-coated, ID 72, nozzle width 30 mm.
Crevice nozzle, zinc-coated, flexible	28	6.902-190.0	1 piece(s)	ID 42	490 × 17 mm		Crevice nozzle, steel, flexible, ID 42, nozzle width 10 mm.
Crevice nozzle, plastic	29	6.906-768.0	1 piece(s)	ID 51	370 × 50 mm		Crevice nozzle, plastic, ID 51, nozzle width 50 mm.
	30	6.900-222.0	1 piece(s)	ID 61	370 × 64 mm		Crevice nozzle, plastic, ID 61, nozzle width 64 mm.
Crevice nozzle, stainless steel	31	6.906-771.0	1 piece(s)	ID 51	400 × 70 mm		Crevice nozzle, stainless steel, ID 51, nozzle width 70 mm.
	32	6.900-926.0	1 piece(s)	ID 61	370 × 90 mm		Crevice nozzle, stainless steel, ID 61, nozzle width 90 mm.
Crevice nozzle, stainless steel, curved	33	6.906-831.0	1 piece(s)	ID 51	460 × 75 mm		Crevice nozzle, curved, 30°, stainless steel, ID 51, nozzle width 75 mm.
<b>Other nozzles</b>							
Flexible nozzle, plastic	34	6.902-197.0	1 piece(s)	ID 42	220 mm		Flexible nozzle, plastic, steel connection.
	35	6.902-196.0	1 piece(s)	ID 52	250 mm		
	36	6.902-198.0	1 piece(s)	ID 72	260 mm		
Elongated round nozzle, rubber	37	6.902-200.0	1 piece(s)	ID 42	315 mm		Suction nozzle, rubber, round, for cutting to the required suction diameter.
	38	6.902-199.0	1 piece(s)	ID 52	315 mm		Suction nozzle, rubber, round, for cutting to the required suction diameter.
Nozzle, angled, food-grade	39	9.988-118.0	1 piece(s)	ID 42			Rubber nozzle, angled, ID 42, food-grade.
	40	9.988-119.0	1 piece(s)	ID 52			Rubber nozzle, angled, ID 52, food-grade.
Round brush, angled	41	6.902-193.0	1 piece(s)	ID 42			Suction brush, round, 45°.
	42	6.902-192.0	1 piece(s)	ID 52			Suction brush, round 45°.
Straight suction and air nozzle	43	6.902-205.0	1 piece(s)	ID 42			For vacuuming out blind holes and other uneven surfaces. Separate compressed air connection required.
Surface brushes	44	6.902-204.0	1 piece(s)	ID 42	120 mm		Surface nozzle with brush insert, plastic, width 120 mm, ID 42.
Surface nozzle, aluminium	45	6.902-188.0	1 piece(s)	ID 42	150 mm		Surface nozzle, aluminium, width 150 mm.
	46	6.902-187.0	1 piece(s)	ID 52	150 mm		

■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.



		Order No.	Quantity	ID	Length / width	Price	Description
Tube suction nozzle	47	6.902-207.0	1 piece(s)	ID 42			For cleaning tubes and other line systems with a diameter of up to 200 mm.
Rubber suction nozzle, 45°	48	6.902-146.0	1 piece(s)	ID 51	220 mm		Angled 45°, for vacuuming of machines, oil-resistant.
	49	6.902-106.0	1 piece(s)	ID 61	220 mm		
Elongated round nozzle, rubber	50	6.906-764.0	1 piece(s)	ID 51	370 mm		Suction nozzle, rubber, round, for cutting to the required suction diameter.
Round brush, angled	51	6.906-798.0	1 piece(s)	ID 51	120 mm		Surface nozzle, round, with brush D = 120 mm, for gentle vacuuming of machine surfaces.
Brush crown, round, for replacement	52	6.906-809.0	1 piece(s)				For round brushes 6.906-798.0.
Straight brush, angled	53	6.906-797.0	1 piece(s)	ID 51	370 mm		Surface nozzle, straight, with 370 mm brush, for gentle vacuuming of machine surfaces.
Brush crown, straight, for replacement	54	6.906-808.0	1 piece(s)				For straight brushes 6.906-797.0.
Scratcher and scraper nozzle, plastic	55	6.906-773.0	1 piece(s)	ID 51	100 mm		Suction nozzle, plastic, for vacuuming machines and small surfaces.
	56	6.903-056.0	1 piece(s)	ID 61	100 mm		
Scratcher and scraper nozzle, metal	57	6.906-770.0	1 piece(s)	ID 51	117 mm		Scratcher and scraper nozzle, steel.
	58	6.903-360.0	1 piece(s)	ID 61	104 mm		
Surface nozzle, aluminium	59	4.130-414.0	1 piece(s)	ID 51	200 mm		Surface nozzle, aluminium, with brush and stainless steel bumper.
	60	4.130-415.0	1 piece(s)	ID 61	200 mm		
Tube suction nozzle	61	6.906-837.0	1 piece(s)	ID 51			For cleaning tubes and other line systems with a diameter of up to 250 mm.
<b>Suction nozzles</b>							
Suction and air nozzle, 90°-angled	62	9.981-926.0	1 piece(s)	ID 42			For easy vacuuming of all kinds of recesses – for example blind holes. Please note that a separate compressed air connection is required.
Vacuum brush	63	9.981-911.0	1 piece(s)	ID 42	300 mm		Vacuum brush, 300 mm, with 45° connection, with star screw, horsehair bristles.
	64	9.981-912.0	1 piece(s)	ID 52	300 mm		
Crevice nozzle, zinc-coated, flexible	65	9.981-423.0	1 piece(s)	ID 42	490 × 20 mm		Crevice nozzle, steel, zinc-coated, flexible, slit width 20 mm.
	66	9.981-425.0	1 piece(s)	ID 52	490 × 20 mm		
Nozzle, zinc-coated, flexible, with rubber tip	67	9.981-420.0	1 piece(s)	ID 42	30 mm		Round nozzle, steel, zinc-coated, flexible, with rubber tip ID 30.
	68	9.981-421.0	1 piece(s)	ID 52	30 mm		

□ Available accessories. More Kärcher original accessories can be found on the following pages.





## IV BENDS AND SUCTION TUBES



Bends and suction tubes for an ergonomic work posture while vacuuming.

		Order No.	Quantity	ID	Length / width	Price	Description
Bend, coated							
Bend, screw connection	1	6.902-202.0	1 piece(s)	ID 42			Bend, powder-coated steel, electrically conductive, with star screw.
	2	6.902-201.0	1 piece(s)	ID 52			
	3	6.902-203.0	1 piece(s)	ID 72			
Suction tube, coated							
Suction tube, screw connection	4	6.902-182.0	1 piece(s)	ID 42	750 mm		For floor cleaning in combination with bend (6.902-202.0) and ID 42 floor nozzles.
	5	6.902-181.0	1 piece(s)	ID 52	850 mm		For floor cleaning in combination with bend (6.902-201.0) and ID 52 floor nozzles.
	6	9.981-910.0 ■	1 piece(s)	ID 72	750 mm		Suction tube, ID 72, tube length, ID 750 mm. For connection with hose and bend, ID 72 (6.902-203.0).
Stainless steel bends							
Bend, stainless steel, screw connection	7	9.988-111.0 ■	1 piece(s)	ID 52			Bend, stainless steel, electrically conductive, with star screw, food grade.
Bend, stainless steel, socket plug connection	8	6.906-767.0	1 piece(s)	ID 51			The stainless steel bend has a nylon ring in the upper cone area.
	9	6.906-850.0	1 piece(s)	ID 61			This ring makes it easy to detach the bend even after prolonged use.
Suction tubes stainless steel							
Suction tube, stainless steel, screw connection	10	9.988-114.0 ■	1 piece(s)	ID 52			For floor cleaning in combination with bend and floor nozzle, stainless steel, electrically conductive, with star screw, food-grade.
Suction tube, stainless steel, socket plug connection	11	6.906-766.0	1 piece(s)	ID 51	500 mm		The suction tube (500 mm) has a nylon ring in the upper cone area.
	12	6.906-851.0	1 piece(s)	ID 61	500 mm		This ring makes it easy to detach the bend even after prolonged use.
Bend							
Bend with hook, screw connection	13	9.981-327.0	1 piece(s)	ID 42			Bend, powder-coated steel, electrically conductive, with star grip and hook for hanging hose.
	14	9.981-320.0	1 piece(s)	ID 52			

■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.

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## IV CONTAINERS AND PRE-SEPARATORS



Choose the right container for your machine and application.

		Order No.	Quantity	ID	Length / width	Price	Description
<b>Suction container and swarf baskets</b>							
Attachment kit Longopac IV 60, IV 100	1	2.050-078.0	1 piece(s)				Attachment kit for the base plate of the Longopac disposal system.
UBS Longopac disposal system	2	2.013-050.0	1 piece(s)				Clever feature of the Longopac disposal system: instead of the suction container, this attachment kit can also be used for disposal bags with the part number 6.907-506.0.
Container, stainless steel, 60 l	3	4.070-837.0	1 piece(s)				60 l stainless steel container for IV and IVC.
Container, stainless steel, 60 l, with suction hose port	4	4.070-930.0	1 piece(s)				60 l stainless steel container with suction hose port suitable for IVC and IV 60. For the use of paper filter bags (6.904-285.0) and safety filter bags (6.904-420.0).
Container, stainless steel, 100 l	5	4.070-838.0	1 piece(s)				Stainless steel container, 100 l, with 2 heights for IVC and IV.
Conversion kit liquid	6	2.882-695.0	1 piece(s)				Ball tap and chip sieve, suitable for 4.070-837.0 and 4.070-838.0.
Swarf basket IVC	7	2.860-268.0	1 piece(s)				For separating liquid and coarse solid suction waste (e.g. swarf), suitable for 4.070-837.0, 4.070-838.0 and all IVC containers.
Container, 60 l, anthracite, for dry vacuuming	8	6.394-821.0	1 piece(s)				Powder-coated container, anthracite, 60 l, for dry vacuuming, without drain tap and float.
Container, 60 l, anthracite, for wet vacuuming	9	6.394-822.0	1 piece(s)				Powder-coated container, anthracite, 60 l, with drain tap, cyclone sealing ring and float.
Swarf basket IV	10	6.394-530.0	1 piece(s)				Swarf basket, complete, for all IV 60 and IV 100, for use with wet container.
Drum separator	11	9.982-081.0	1 piece(s)	ID 52			Filling device with ID 52 connections, screw connection, for filling of e.g. 200 l drums via the bunghole.
Pre-separator cover for 200 l drum	12	9.986-371.0	1 piece(s)	ID 52			Pre-separator cover for 200 l standard drum with ball float for overflow prevention. Screw connection ID 52.
	13	9.986-370.0	1 piece(s)	ID 52			Pre-separator cover for 200 l standard drum. Screw connection ID 52.
Pre-separator, 125 l, complete	14	9.986-372.0	1 piece(s)	ID 52			Pre-separator, coated, complete with cover, ID 52 connections, ball float for overflow prevention, 125 l container and tilting chassis.
Cyclone separator, 125 l	15	9.988-125.0	1 piece(s)				Complete attachment kit including cyclone pre-separator CS 40 Me (2.863-026.0) with connections for ID 42 suction hoses, screw connection. Suitable for collecting fine suction waste such as dust.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Quantity	ID	Length / width	Price	Description
<b>Suction container and swarf baskets</b>							
Swarf basket, 20 l	16	9.980-852.0	1 piece(s)		400 mm		For separating liquid and coarse suction waste. Stainless steel, 20 l capacity, hole diameter 1.5 mm.
Swarf basket, 40 l	17	9.980-849.0	1 piece(s)		495 mm		For separating liquid and coarse suction waste. Stainless steel, 40 l capacity, hole diameter 1.5 mm.
Fine fleece, 40 l swarf basket	18	9.981-048.0	1 piece(s)		465 mm		Fine polyester fleece for separating fine metal shavings and liquids. With clamping ring suitable for 40 l swarf basket.
Baffle plate	19	9.984-119.0	1 piece(s)		410 mm		Baffle plate, plastic, included in standard delivery in IVR-L 40 and IVR-L 65.
	20	9.980-857.0	1 piece(s)		512 mm		Baffle plate, plastic, included in standard delivery in IVR-L 100 and IVR-L 120.
Float insert	21	9.982-118.0	1 piece(s)		435 mm		Float insert, stainless steel, for overflow prevention with ball float, central suction.
	22	9.982-117.0	1 piece(s)		540 mm		
<b>Other accessories</b>							
Pre-separator, 80 l	23	3.864-010.0	1 piece(s)				Complete container (80 l) and lid (ID 61). For coarse dirt and liquids (without suction hose).
Drum separator	24	3.864-012.0	1 piece(s)				Metal, from ID 61 to 61, for liquids only.
Pre-separator cover	25	4.063-132.0	1 piece(s)				For container 4.070-111.0 and spacer 6.902-051.0.
Spacer for 200 l drum	26	6.902-051.0	1 piece(s)				Metal adapter for 200-litre EURO steel drum, in conjunction with lid (pre-separator) 4.063-132.0.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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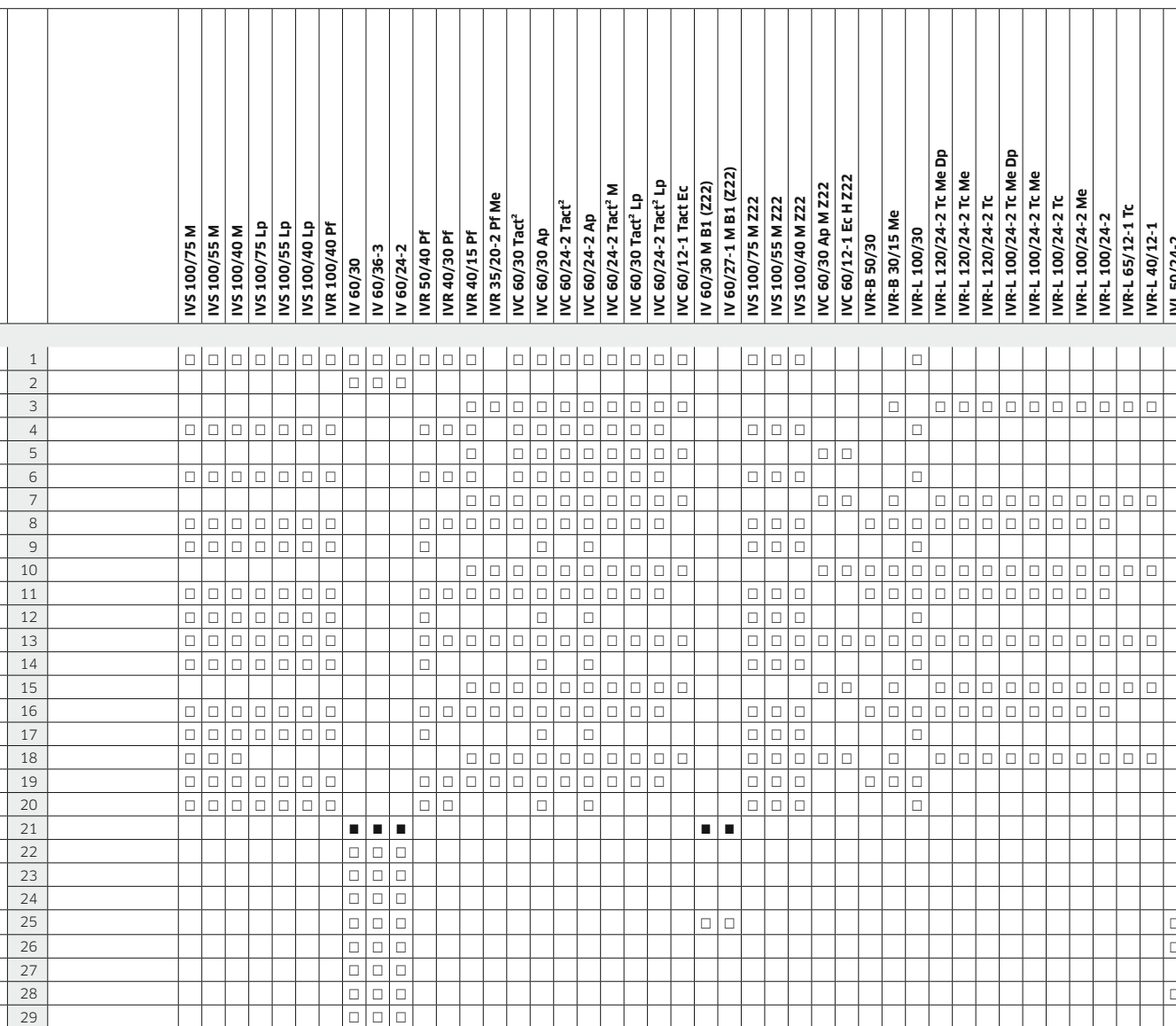
## IV ADAPTERS AND SPARE PARTS



With Kärcher individual parts, you can construct your customised suction hose. Simply select the suction hose in the desired length and combine with the connection pieces.

		Order No.	Quantity	ID	Price	Description
<b>Adapters and spare parts</b>						
Adapter, IVC/IVR to ID 61	1	6.902-001.0	1 piece(s)	ID 61		For using IV accessories on IVC and IVR.
Adapter, IV to ID 72	2	6.902-212.0	1 piece(s)	ID 72		For using IVC accessories on IV 60, IV 100.
Reducer, ID 52 to ID 42	3	6.902-179.0	1 piece(s)	ID 52		Reducer from ID 52 to ID 42.
Reducer, ID 72 to ID 52	4	6.902-180.0	1 piece(s)	ID 72		Reduction piece from ID 72 to ID 52.
Vacuum connector, ID 72 to ID 42	5	6.902-178.0	1 piece(s)	ID 72		For attaching to ID 72 suction hose ports and reduction on ID 42 hoses.
Vacuum connector, ID 72 to ID 52	6	6.902-177.0	1 piece(s)	ID 72		For attaching to ID 72 suction hose ports and reduction on ID 52 hoses.
Hose connection	7	6.902-170.0	1 piece(s)	ID 42		For attachment to hose ID 42, with star screw.
	8	6.902-168.0	1 piece(s)	ID 52		For attachment to hose ID 52, with star screw.
	9	6.902-173.0	1 piece(s)	ID 72		For attachment to hose ID 72, with star screw.
Hose connection, rotatable	10	6.902-172.0	1 piece(s)	ID 42		Rotatable, for attachment to hose ID 42, with star screw.
	11	6.902-169.0	1 piece(s)	ID 52		Rotatable, for attachment to hose ID 52, with star screw.
	12	6.902-175.0	1 piece(s)	ID 72		Rotatable, for attachment to hose ID 72, with star screw.
Hose clamp	13	6.902-167.0	1 piece(s)	ID 42		For attaching hose to connection ID 42/52.
	14	6.902-176.0	1 piece(s)	ID 72		For attaching hose to connection ID 72.
Hose sleeve	15	6.902-171.0	1 piece(s)	ID 42		For covering the hose clamp connection ID 42.
	16	6.902-166.0	1 piece(s)	ID 52		For covering the hose clamp connection ID 52.
	17	6.902-174.0	1 piece(s)	ID 72		For covering the hose clamp connection ID 72.
Star grip, M 6	18	6.303-555.0	1 piece(s)	ID 42		M 6 star knob, replacement for all bends and connectors ID 42.
Star grip, M 8	19	6.303-554.0	1 piece(s)	ID 52		Star grip M 8 as replacement for all bends and ID 52/72 tap adapters.
Y connector ID 72 to 2 × ID 52	20	6.902-206.0	1 piece(s)	ID 72		Junction for machine connection ID 72 to two ID 52 connections.
Suction connection	21	6.789-003.0	1 piece(s)	ID 51		Connection piece for connecting ID 51 industrial hoses to an IV.
	22	6.789-004.0	1 piece(s)	ID 61		Connection piece for connecting ID 61 industrial hoses to an IV.
Y connector	23	6.789-001.0	1 piece(s)	ID 51		Tap adapter for connecting 2 ID 51 industrial hoses to an IV.
	24	6.789-002.0	1 piece(s)	ID 61		
Reduction piece, ID 61 on ID 51	25	6.902-147.0	1 piece(s)	ID 61		Reducer for connecting ID 51 accessories to a ID 61 suction hose.
Adapter	26	6.906-799.0	1 piece(s)	ID 51		Connecting adapter for connecting 2 ID 51 suction hoses.
	27	6.906-800.0	1 piece(s)	ID 61		Connecting adapter for connecting 2 ID 61 suction hoses.
Hose connection, rotatable	28	6.906-810.0	1 piece(s)	ID 51		Rotatable, for attachment to hose ID 51, socket plug connection.
	29	6.906-811.0	1 piece(s)	ID 61		Rotatable, for attachment to hose ID 61, socket plug connection.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



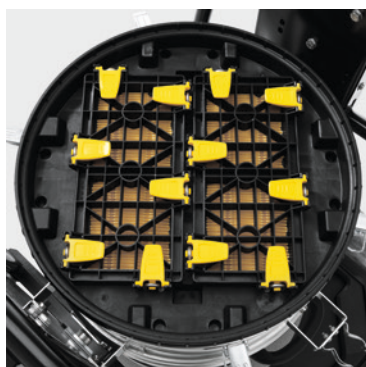
		Order No.	Quantity	ID	Price	Description
<b>Adapters and spare parts</b>						
Vacuum connector, 90°	30	9.981-313.0	1 piece(s)	ID 72		90° connector for IVR vacuums with connection adapter ID 72 and hook for hose attachment, rotatable through 360°.
Vacuum connector 115°	31	9.986-213.0	1 piece(s)	ID 52		115° connector for IVR-L vacuums with connection adapter ID 52 and hook for hose attachment, rotatable through 360°.
Vacuum connector 115°, stainless steel	32	9.988-112.0 ■	1 piece(s)	ID 52		Connection 115° with ID 52 connection thread, rotatable through 360°, stainless steel, food grade.
Hose connection	33	9.981-260.0	1 piece(s)	ID 42		For attachment to hose ID 42, with slit and hook for hose attachment.
	34	9.981-261.0	1 piece(s)	ID 52		For attachment to hose ID 52, with slit and hook for hose attachment.
	35	9.981-145.0	1 piece(s)	ID 72		For attachment to hose ID 72, with slit and hook for hose attachment.
Accessories connection	36	9.981-325.0	1 piece(s)	ID 52		Rotatable, for attachment to hose ID 52, inner taper for attaching accessories.
	37	9.981-326.0	1 piece(s)	ID 72		Rotatable, for attachment to hose ID 72, inner taper for attaching accessories.
Y-adapter ID 52 to 2 × ID 42	38	9.981-149.0	1 piece(s)	ID 52		Junction for machine connection ID 52 to two ID 42 connections.
Roller attachment kit	39	9.986-099.0	4 -part			Roller attachment kit for attaching to build-in units. For using IVR-B for mobile applications.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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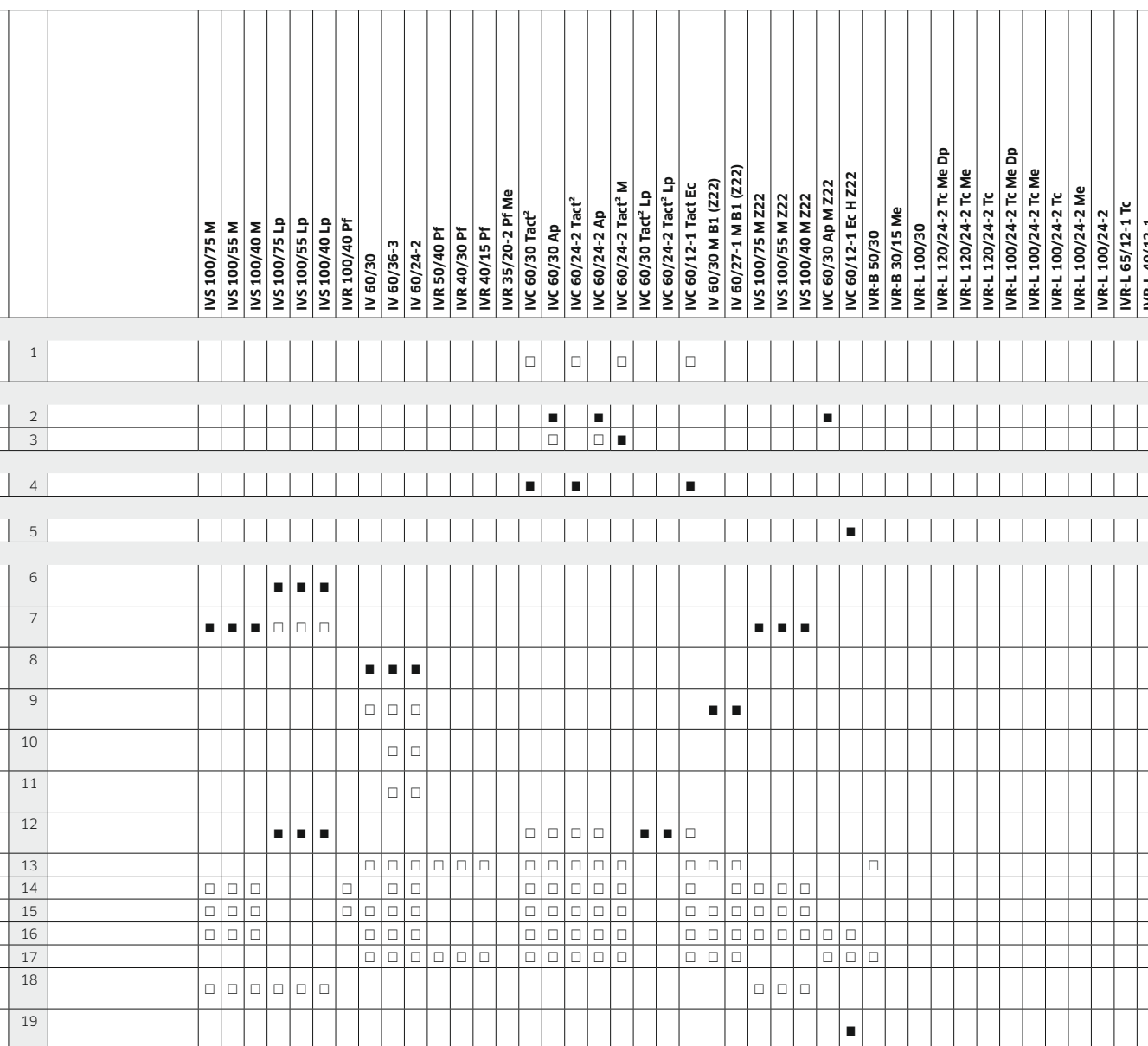
## IV FILTERS AND WASTE DISPOSAL BAGS



Flat pleated filters save time, space and resources. Star and pocket filters have long working times and are particularly suitable for adhesive suction waste with a high level of residual moisture.

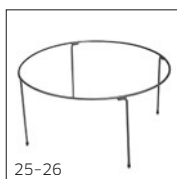
		Order No.	Quantity	Length / width	Price	Description
<b>Flat pleated filter, PTFE</b>						
Flat pleated filter, PTFE	1	6.907-449.0	1 piece(s)			Polyester fleece with PTFE coating, dust class M, for Tact <sup>2</sup> vacuum cleaners. Particularly suitable for very adhesive materials.
<b>Flat pleated filter, paper</b>						
Flat pleated filter, paper	2	6.904-283.0	1 piece(s)			Paper, dust class M (also NT 65/2 Eco / opt. for NT 75/2 Eco Tc models).
	3	6.907-276.0	1 piece(s)			Paper, approved for dust class M.
<b>Flat pleated filter, PES</b>						
Flat pleated filter, PES	4	6.907-277.0	1 piece(s)			Polyester fleece, rot-proof, dust class M.
<b>HEPA, dust class H filter</b>						
HEPA flat pleated filter	5	6.904-364.0	1 piece(s)			HEPA flat pleated filter, dust class H (HEPA 13).
<b>Filters and waste disposal bags</b>						
Star filter IVS	6	6.907-611.0	1 piece(s)			Microfibre star filter, dust class M, replacement for IVS and IVS Lp.
Star filter IVS Z22	7	9.988-120.0	1 piece(s)			Microfibre star filter, electrically conductive, dust class M, replacement for IVS Z22.
Star filter, white, IV 60 and IV 100/40-55	8	6.904-341.0	1 piece(s)			Star filter, white, replacement for IV 60 and 100, but not for "M B1" and 100/75.
Star filter, green, dust filter class M	9	6.904-342.0	1 piece(s)			Star filter, green, replacement for IV 60 and 100 M B1, but not 100/75 (M B1); must be used for M B1 machines!
Absolute filter attachment kit BIA-H for IV 60-100	10	6.904-365.0	1 piece(s)			BIA-H filter attachment kit, complete with mounting parts for numerous IV 60s and IV 100s.
BIA-H absolute filter (replacement)	11	6.904-345.0	1 piece(s)			BIA-H absolute filter, replacement for 6.904-365.0 and IV 100/55 H B1.
Longopac disposal bag Mini	12	6.907-506.0	4 piece(s)			Longopac disposal bag for use with special attachment kit (part number 2.013-050) from the Longopac disposal system programme.
Disposal bags, paper	13	6.904-346.0	10 piece(s)			Disposal bag, paper, 60 l, for low-dust disposal of suction waste.
	14	6.904-347.0	10 piece(s)			Disposal bag, paper, 60-100 l, for low-dust disposal of suction waste.
Disposal bags, PE	15	6.904-348.0	20 piece(s)			Disposal bag, PE, 20 pcs, 60-100 l, for low-dust disposal of suction waste.
	16	6.907-336.0	5 piece(s)			Disposal bag, PE, 5 pcs, 100 l, for low-dust disposal of suction waste.
	17	6.907-347.0	5 piece(s)			Disposal bag, PE, 5 pcs, 50 l, for low-dust disposal of suction waste.
Disposal bags, PE, for IVS	18	6.907-609.0	5 piece(s)			Disposal bags, PE, 5 pcs, 100 l, for low-dust disposal of suction waste, with integrated pressure compensation.
Safety filter bags	19	6.904-420.0	5 piece(s)			For dust-free/low-dust emptying in combination with container 4.070-930.0, BIA-C, dust class M, with dust disposal bag, electrically conductive.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

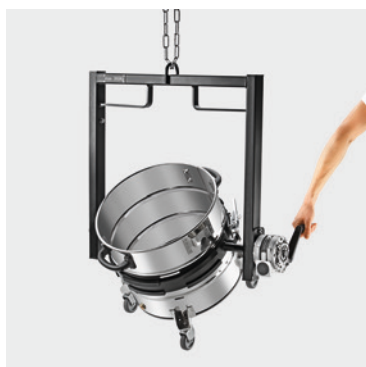


		Order No.	Quantity	Length / width	Price	Description
<b>Filters and waste disposal bags</b>						
Surface filter	20	9.980-225.0	1 piece(s)	370 mm		Surface filter, 0.25 m², polyester needle felt, dust filter class L.
	21	9.980-179.0	1 piece(s)	480 mm		Surface filter, 0.45 m², polyester needle felt, dust filter class L.
Pocket filter	22	9.980-227.0	1 piece(s)	400 mm		Pocket filter, 1.4 m², antistatic, dust filter class M.
	23	9.981-681.0	1 piece(s)	490 mm		Pocket filter, 1.75 m², antistatic, dust filter class M.
Cartridge filter	24	9.980-219.0	1 piece(s)	190 mm		Cartridge filter, 0.7 m², antistatic, dust filter class M.
Downholder	25	9.980-140.0	1 piece(s)			Downholder for waste disposal bags, 50 l, 6.907-347.0. Prevents the bag from being vacuumed up during vacuuming operation.
	26	9.980-141.0	1 piece(s)			Downholder for waste disposal bags, 100 l, 6.907-336.0. Prevents the bag from being vacuumed up during vacuuming operation.

■ Included in delivery. More Kärcher original accessories can be found on the following pages.

[illegible]

## IV OTHER ACCESSORIES



By emptying with a crane or forklift truck you can quickly and easily empty filled containers up to 260 kg.

		Order No.	Quantity	ID	Length / width	Price	Description
<b>Miscellaneous</b>							
Remote control IVS 100	1	6.907-612.0 ■	1 piece(s)				Remote control for IVS machines. For control panel with up to 30 m distance.
Crane- and forklift-emptying device	2	2.642-842.0	1 piece(s)				For container emptying of all IV and IVC containers with a crane or forklift truck. Empty using a crank mechanism. Max. 260 kg.
IVC wide nozzle	3	2.642-864.0	1 piece(s)	ID 42	877 mm		For cleaning large areas. Height adjustable +/- 4 mm, 877 mm working width.
Metal funnel IVS, IVC	4	5.013-097.0 ■	1 piece(s)				IVS spacer with cone. For cyclone-like pre-separation of suction waste.
Cable drum with 25 m cable	5	9.982-080.0 ■	1 piece(s)				AC cable drum with 25 m cable, for fixing in accessories holder 6.645-412.0.
Power cable storage compartment	6	5.037-240.0	1 piece(s)				For hanging the power cord on the push handle.
IVC accessories holder	7	4.645-412.0	1 piece(s)				For attaching IVC accessories with nominal widths ID 42 and ID 52. Attaches to IVC frame.
IVC drip tray	8	5.039-065.0	1 piece(s)				For collecting dirt residues from the floor nozzle.

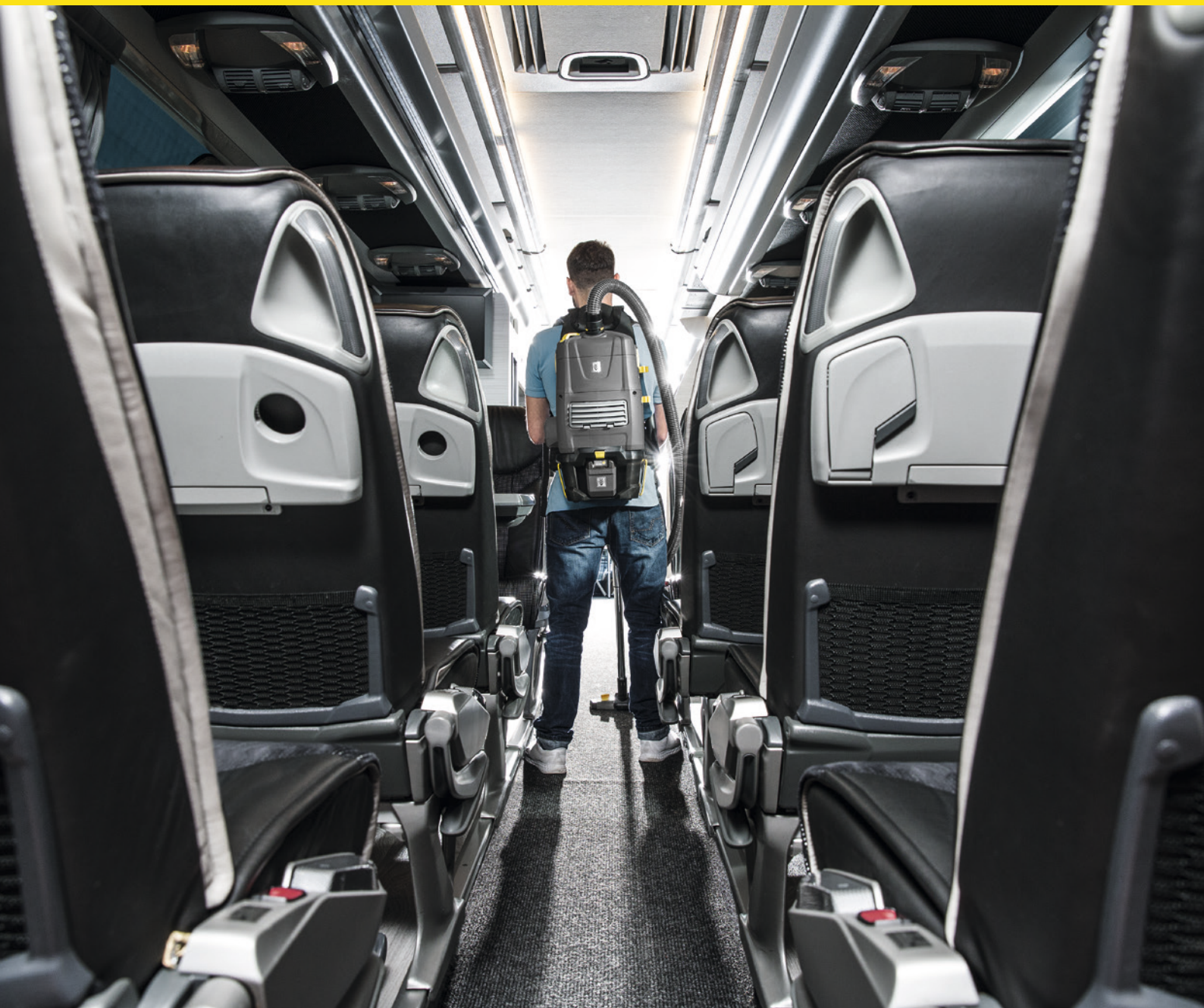
■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.



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## DRY VACUUM CLEANERS FOR PROFESSIONAL MAINTENANCE CLEANING

Our dry vacuum cleaners have to pass stringent tests before they leave the factory. These machines are extremely lightweight, robust, durable and quiet. They have been specially developed for professional use in hotels, offices and retail and satisfy the highest requirements in the area of professional building cleaning. Our new battery-operated vacuum cleaners are now also considerably more powerful. The same excellent cleaning results can be achieved as with mains-operated machines - only cordlessly and more flexibly.



### Table of contents: Dry vacuum cleaners

Dry vacuum cleaners	Page 348
Battery-operated dry vacuum cleaners	Page 362
Backpack vacuums	Page 363
Battery-powered electric brooms	Page 364
Upright brush-type vacuum cleaners	Page 366
Accessories	Page 374



#### Dry vacuum cleaners

Kärcher dry vacuum cleaners are robust, durable and powerful machines. Ideal for tradesmen: the T 8/1 L with ergonomic carrying strap.

#### ecoefficiency dry vacuum cleaners

Our dry vacuum cleaners with ecoefficiency function consume less and do more. And they are quiet enough for use in noise-sensitive areas.

#### Battery-operated dry vacuum cleaners





Cordless flexibility without compromise: our battery-operated dry vacuum cleaners.

#### How to read the unit names:

Model	Container capacity Working width	Turbines	Type and equipment	Configuration options
Example: <b>T</b> Example: <b>CV</b> Example: <b>EB</b>	15 38 30	1 2 1	ecoefficiency  Adv	Li-Ion
<b>T</b> = Dry vacuum cleaners <b>BV</b> = Backpack Vacuum <b>EB</b> = Electric Broom, battery-powered electric broom <b>CV</b> = Carpet Vacuum, upright brush-type vacuum cleaner	In unit names with a combination of figures, for <b>dry vacuum cleaners</b> the first number stands for the container capacity (in litres).  For <b>EB</b> and <b>CV machines</b> , the first number stands for the working width of the roller brush (in centimetres).	In unit names with a combination of figures, the second number stands for the number of turbines.	<b>Without designation</b> = Standard equipment <b>Classic</b> = Basic equipment <b>Adv</b> = Advanced, with additional equipment <b>RS</b> = Ride-on/Step-on, step-on machines <b>ecoefficiency</b> = Machine with ecoefficiency function	<b>Bp</b> = Battery-powered <b>Pack</b> = Package (battery and charger included in delivery) <b>Li-Ion</b> = Lithium-ion battery

# DRY VACUUM CLEANERS: INDEPENDENT AND QUIET

In many industries, it is the smart, clever solutions that count. For example, significantly quieter operation, easy and quick power cord replacement and complete accessory integration. These are the features of Kärcher dry vacuum cleaners that impress professional operators such as building service contractors, cleaning personnel in hotels or the retail sector.

	Order No.	Container capacity (l)	Air flow rate (l/s)	Vacuum (mbar / kPa)	Protection class	Antistatic bend	Energy efficiency class*	Annual energy use* kWh/year	Carpet cleaning performance class	Hard floor cleaning performance class	Dust re-emission class	Sound power level dB(A)	Nominal power consumption W	Page	
	Dry vacuum cleaners														
	T 15/1 ecoefficiency	1.355-246.0	15	43	230 / 23	II	■	A	23.9	D	C	D	70	750	352
	T 17/1 ecoefficiency	1.355-140.0	17	43	230 / 23	II	■	A	24.4	D	D	E	71	750	353
	T 12/1 ecoefficiency	1.355-135.0	12	43	230 / 23	II	■	A	24.4	D	D	E	71	750	353
	T 10/1 ecoefficiency	1.527-413.0	10	55	210 / 21	II	■	B	28.1	F	C	E	67	750	353
	T 7/1 ecoefficiency	1.527-145.0	7	55	210 / 21	II	■	B	28.1	F	C	E	67	750	353
	T 15/1 + ESB 34	1.355-245.0	15	61	244 / 24.4	II	■	E	51.8	C	▽	C	77	1300	355
	T 15/1 HEPA + ESB 28	1.355-242.0	15	61	244 / 24.4	II	■	G	60.9	E	▽	B	76	1180	355
	T 15/1 HEPA	1.355-235.0	15	61	244 / 24.4	II	■	E	48.3	E	C	B	73	1150	355
	T 15/1	1.355-200.0	15	61	244 / 24.4	II	■	E	48.3	E	C	C	73	1150	355
	T 17/1	1.355-131.0	17	61	244 / 24.4	II	■	E	49.8	E	A	C	77	1150	356
	T 12/1	1.355-100.0	12	61	244 / 24.4	II	■	E	49.8	E	A	C	77	1150	357
	T 12/1 Hf	■ 1.355-147.0	12	54	227 / 22.7	II	■	C	36.0	E	D	C	78	900	357
	T 10/1 Adv	1.527-154.0	10	61	244 / 24.4	II	■	E	48.6	E	C	C	75	1100	358
	T 10/1	1.527-150.0	10	61	244 / 24.4	II	■	E	48.6	E	C	C	75	1100	358
	T 14/1 Classic	1.527-170.0	14	40	285 / 28.5	II	-	-	-	-	-	-	-	-	361
	T 8/1 L	■ 1.527-188.0	8	40	230 / 23.0	II	-	B	30.1	-	C	F	75	1000	359
	T 8/1 Classic	1.527-160.0	8	47	285 / 28.5	II	-	-	-	-	-	-	-	-	361
	T 7/1 Classic	1.527-181.0	7.5	40	230 / 23	II	-	D	40.6	E	C	G	75	1000	361
	BV 5/1	1.394-200.0	5	61	244 / 24.4	II	■	E	47.8	D	D	B	78	1150	363
	Rechargeable appliances														
	T 9/1 Bp	■ 1.528-111.0	9	46	207 / 20.7	II	■	-	-	-	-	-	650	362	
	BV 5/1 Bp	■ 1.394-219.0	5	46	207 / 20.7	II	■	-	-	-	-	-	650	363	
	EB machines														
	EB 30/1 Adv Li-Ion	1.545-127.0	1	-	-	III	-	-	-	-	-	-	-	365	
	EB 30/1 Li-Ion	1.545-126.0	1	-	-	III	-	-	-	-	-	-	-	365	
	Upright brush-type vacuum cleaners														
	CV 60/2 RS Bp Pack	1.011-028.0	17	34	117 / 11.7	II	-	-	-	-	-	-	-	367	
	CV 60/2 RS	1.011-027.0	17	34	117 / 11.7	II	-	-	-	-	-	-	-	367	
	CV 66/2	1.012-585.0	35	2 x 52	143 / 14.3	II	-	-	-	-	-	-	-	369	
	CV 48/2 Adv	1.057-321.0	5.5	48	250 / 25	II	-	B	31.5	D	▽	E	80	1050	371
	CV 48/2	1.057-309.0	5.5	48	250 / 25	II	-	B	31.5	D	▽	E	80	1050	371
	CV 38/2 Adv	1.033-330.0	5.5	48	250 / 25	II	-	C	37.4	D	▽	E	80	1050	371
	CV 38/2	1.033-312.0	5.5	48	250 / 25	II	-	C	37.4	D	▽	E	80	1050	371
	CV 38/1	1.435-115.0	5.5	48	207 / 20.7	II	-	C	37.8	D	▽	F	80	1000	373
	CV 30/1	1.023-116.0	5.5	48	207 / 20.7	II	-	D	42.4	D	▽	F	80	1000	373

■ NEW

■ Included in delivery.

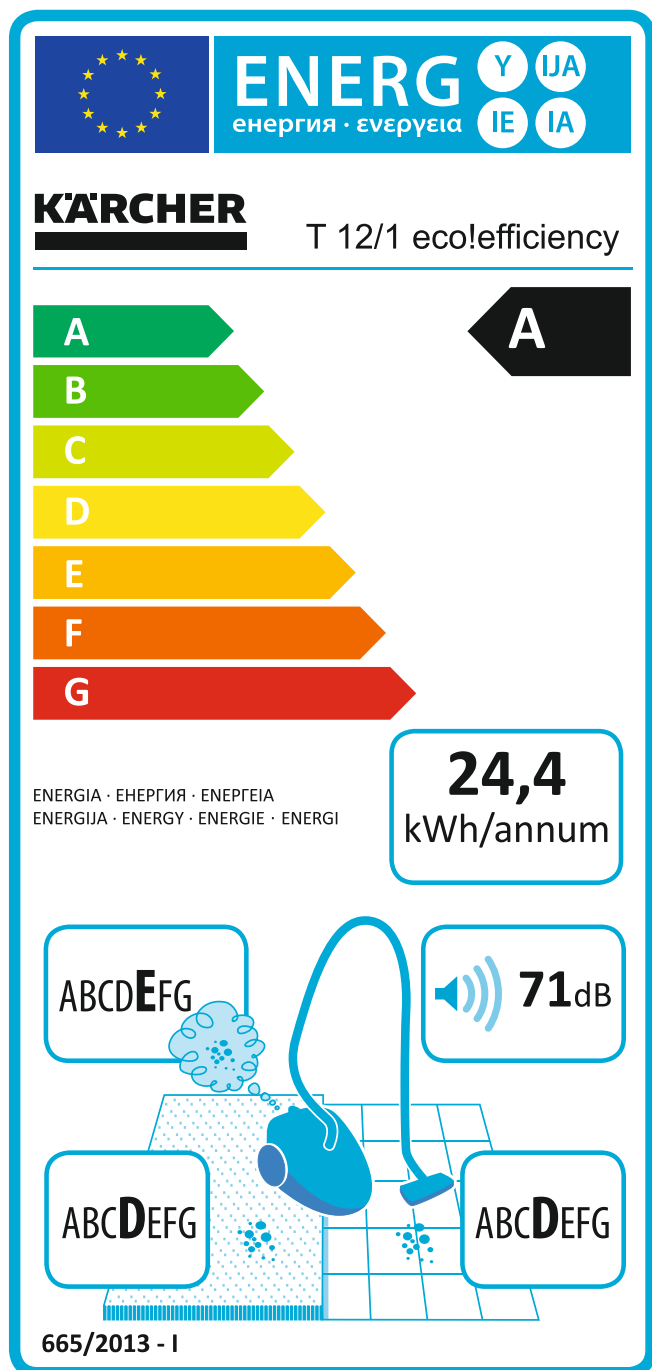
▽ Supplied nozzle not suitable for use on hard floors.

\* Indicative annual energy use (kWh per year) based on 50 cleaning processes.  
The actual annual energy use depends on how the machine is used.



# THE EUROPEAN ENERGY LABEL FOR VACUUM CLEANERS

What Kärcher proved long ago with eco!efficiency vacuum cleaners is now European law: successful cleaning with less power. The European energy label for vacuum cleaners, which has been in effect since 1 September 2014, limits the nominal power of mains-operated dry vacuum cleaners to a maximum of 1,600 watts. Every machine sold in Europe must have the EU energy label. Kärcher “Standard” and “eco!efficiency” dry vacuum cleaners are powerful and efficient – everything for perfect cleaning results.



## A

### Efficiency at a glance

The efficiency class is a standardised classification applicable throughout Europe and is instantly recognisable. The classification from A to G, which came into force on 1 September 2014, allows a direct comparison. The basis for classification in an efficiency class is the annual energy use (AE), which is calculated from a range of different parameters. The power input of the vacuum cleaner is therefore particularly crucial, but also the cleaning power is part of the assessment criteria.

### A reference for comparison

**24,4**  
kWh/annum

The annual energy use (AE) is based on a defined number of cleaning processes (50 per year) in a standard living area (87 m<sup>2</sup>) and is shown as a reference value on the energy label. This value must be at least < 62 kWh/a (Class G) and is highlighted on the energy label. However, the actual annual energy use depends on user behaviour, and in particular on the level of soiling, the surface to be cleaned and cleaning frequency.

### Power instead of noise

**71dB**

Not only is saving energy good for the environment, so too is noise reduction. A difference in the noise level of  $\pm 3$  dB(A) corresponds to twice or half the perceived noise level. Correspondingly, a vacuum cleaner with a sound power level of 78 dB(A) is perceived as being only half as loud as one with a level of 81 dB(A). By listing the sound power level, the energy label provides an additional objective aid to decision-making.

### Vacuuming and dust retention

**ABCDEFG**

When vacuuming, the amount of dust emitted into the air is also decisive. Over and above the cleaning performance, dust re-emission of vacuum cleaners also plays an important role and is shown on the energy label as the classification A to G. Dust re-emission values are determined by the manufacturer using a standardised measuring method complying with EU regulations.

### Clean division between hard and soft

**ABCDEFG**

The differences between cleaning hard floors and carpets are significant and cannot be directly compared. The classes for hard floors and carpets are therefore shown separately. In addition to the energy efficiency class for universal vacuum cleaners, the hard floor cleaning performance class and carpet cleaning performance class are also shown on the energy label in classes from A to G. Special vacuum cleaners do not have a label for the other type of flooring. The minimum requirements for dust intake are  $dpuc \geq 70\%$  for carpets and  $dpuhf \geq 95\%$  for hard surfaces.





#### 1 Visibly safe and reliable

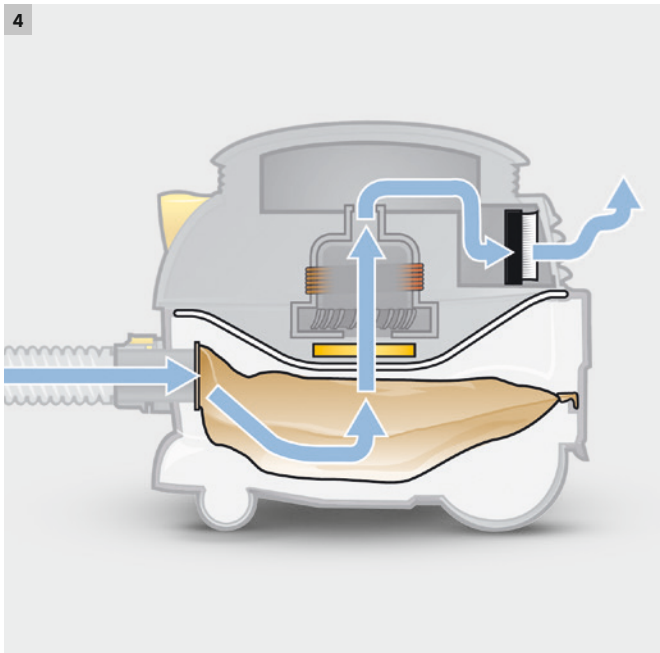
The yellow Highflex cord is extremely tear-resistant, flexible and anti-twist. Its bright colour makes it easily visible, which prevents tripping hazards.

#### 2 It really works: doing more with less

Maximum cleaning performance using 40% less power. And much quieter – a quarter of the normal noise level. Our eco!efficiency machines impressively demonstrate that ecology and efficiency can go hand in hand.

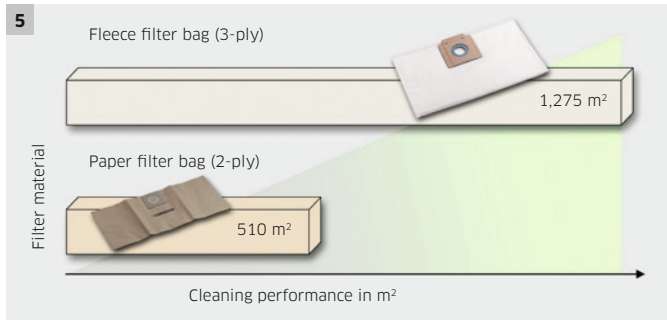
#### 3 Lithium-ion technology

The powerful 36 V lithium-ion battery ensures long work intervals with excellent cleaning performance and makes our battery-powered machines as powerful as their mains-operated counterparts.



#### 4 6-stage filter system including HEPA

The 6-stage filter system with 3-ply fleece filter bag, permanent main filter, motor protection filter and blower/HEPA filter, ensures an optimal degree of dust separation with an efficiency of up to 99.997% in HEPA quality.



#### 5 Fleece filter technology

Kärcher fleece filters achieve higher and more constant suction power than normal filters. Compared with conventional paper filter bags, they retain more than double the amount of dust – with an improvement of about 10% in the separation degree. Kärcher fleece filters are tear-resistant and can withstand sharp-edged items such as grit or paper clips. And they also last longer and are more cost-effective overall.

#### 6 Low operating noise

The noise level of our ecoefficiency machines has been significantly reduced by using sound-proofed motors and optimal flow ducts. This allows our vacuum cleaners to be used in noise-sensitive areas such as hotels and during normal business hours.

# eco!efficiency DRY VACUUM CLEANER



## eco!efficiency: maximum cleaning performance, lower consumption

T-eco!efficiency machines are characterised by a 40% lower energy consumption and simultaneously outstanding cleaning performance. They are very quiet and ideal for noise-sensitive places. The plug-in power cord saves on service costs while maintaining the same cleaning performance.



### 1 Saving energy has never been so much fun!

- Using only 750 W, the eco!efficiency dry vacuum cleaners clean almost as thoroughly as the basic version. This allows energy-efficient working with exceptional cleaning performance.

### 2 Low noise

- Thanks to their low noise level, dry vacuum cleaners from the eco!efficiency range are ideal for noise-sensitive areas.

## T 15/1 eco!efficiency

- Reduced power consumption
- Plug-in power cord
- Very quiet

### Technical data

Energy efficiency class	A
Air flow	l/s 43
Vacuum	mbar / kPa 230 / 23
Container capacity	l 15
Rated input power	W 750
Voltage	V 220-240
Standard nominal width	ID 32
Cable length	m 15
Sound pressure level EN 60335-2-69	dB(A) 57
Uncertainty K = 1 dB(A)	
Sound power level	dB(A) 70
Weight	kg 8
Dimensions (L × W × H)	mm 435 × 315 × 400

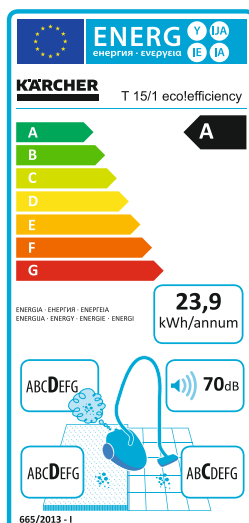
### Equipment

Suction hose	m 2.5 / with bend
Telescopic suction tube	Standard
Filter bag	Fleece
Permanent filter basket, fleece	■
Permanent filter basket, nylon	-
Switchable floor nozzle	mm 285

Order No. 1.355-246.0

Price

- Included in delivery.



# TECHNICAL DATA AND EQUIPMENT

## T 17/1 eco!efficiency

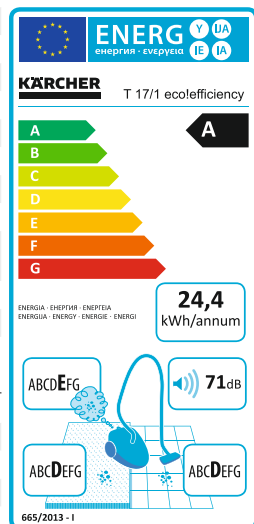
## T 12/1 eco!efficiency

- Reduced power consumption
- Power outlet for ESB 28 electric brush
- Foot switch for added convenience

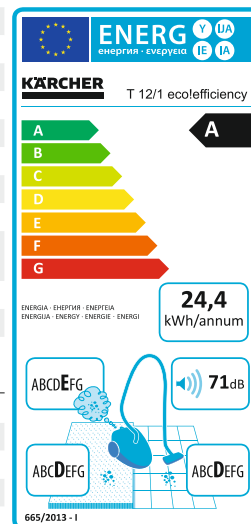
- Reduced power consumption
- Plug-in power cord
- Very quiet

### Technical data

Energy efficiency class		A
Air flow	l/s	43
Vacuum	mbar / kPa	230 / 23
Container capacity	l	17
Rated input power	W	750
Voltage	V	220-240
Standard nominal width		ID 32
Cable length	m	12
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	58
Sound power level	dB(A)	71
Weight	kg	7
Dimensions (L × W × H)	mm	440 × 315 × 420



A
43
230 / 23
12
750
220-240
ID 32
12
65
71
6,6
410 × 315 × 340



### Equipment

Suction hose	m	2.5 / with bend
Telescopic suction tube		-
Filter bag		Fleece
Permanent filter basket, fleece		■
Permanent filter basket, nylon		-
Switchable floor nozzle	mm	285

2.5 / with bend
-
Fleece
■
-
285

Order No. 1.355-140.0

1.355-135.0

Price

■ Included in delivery.

## T 10/1 eco!efficiency

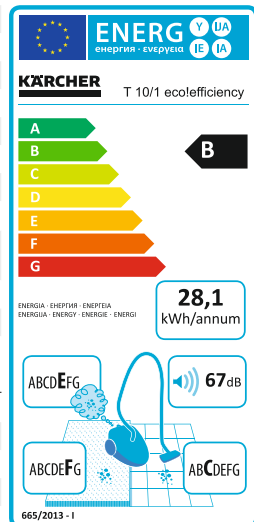
## T 7/1 eco!efficiency

- Reduced power consumption
- Plug-in power cord
- Low noise

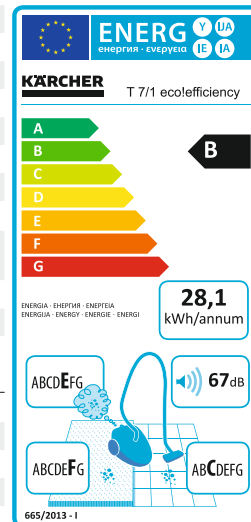
- Reduced power consumption
- Plug-in power cord
- Low noise

### Technical data

Energy efficiency class		B
Air flow	l/s	43
Vacuum	mbar / kPa	230 / 23
Container capacity	l	10
Rated input power	W	750
Voltage	V	220-240
Standard nominal width		ID 32
Cable length	m	12
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	54
Sound power level	dB(A)	67
Weight	kg	5.9
Dimensions (L × W × H)	mm	355 × 310 × 410



B
43
230 / 23
7
750
220-240
ID 32
7,5
54
67
5,3
350 × 310 × 340



### Equipment

Suction hose	m	2.5 / with bend
Telescopic suction tube		-
Filter bag		Fleece
Permanent filter basket, fleece		■
Permanent filter basket, nylon		-
Switchable floor nozzle	mm	270

2 / with bend
-
Fleece
■
-
270

Order No. 1.527-413.0

1.527-145.0

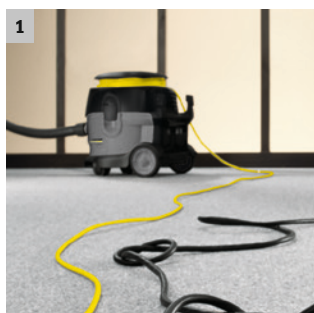
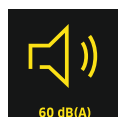
Price

■ Included in delivery.

# DRY VACUUM CLEANER – 15 LITRES

## The quietest in its class

Ideal for noise-sensitive areas like hotels, offices and hospitals: the new T 15/1 is the quietest vacuum machine of its class at just 60 dB(A) – for noise-free, effortless cleaning.



### 1 Highflex power cord

- The yellow Highflex cord is extremely tough, flexible and anti-twist.
- It can be wound around the top of the machine or stored on the cable hook.



### 2 Integrated accessory storage

- Accessory storage at the rear for easy access in any cleaning situation.



### 3 HEPA filter (EN 1822:1998)

- This vacuum cleaner features a Hepa filter (EN 1822:1998) for hygienically pure, particle-free exhaust air in hotels, hospitals, nurseries and many other areas.



# TECHNICAL DATA AND EQUIPMENT

## T 15/1 + ESB 34

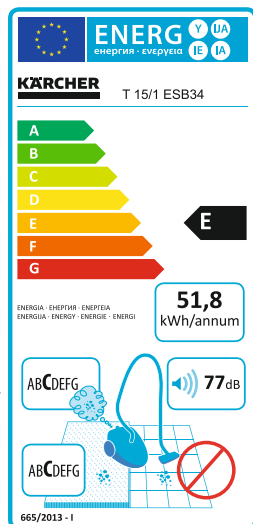
## T 15/1 HEPA + ESB 28

- ESB 34 electric brush
- Highflex power cord
- On-board accessory storage

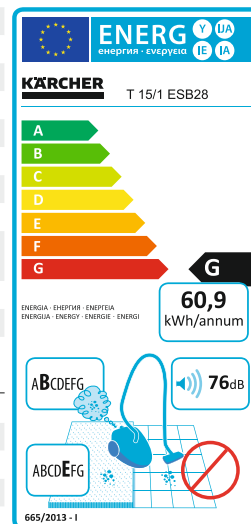
- ESB 28 electric brush
- Highflex power cord
- HEPA filter (EN 1822:1998)

### Technical data

Energy efficiency class	E
Air flow	l/s 61
Vacuum	mbar / kPa 244 / 24.4
Container capacity	l 15
Rated input power	W 1300
Voltage	V 220-240
Standard nominal width	ID 32
Cable length	m 15
Sound pressure level EN 60335-2-69	dB(A) 64
Uncertainty K = 1 dB(A)	
Sound power level	dB(A) 77
Weight	kg 8
Dimensions (L × W × H)	mm 435 × 315 × 400



G
61
244 / 24.4
15
1180
220-240
ID 32
15
63
76
8
435 × 315 × 400



### Equipment

Suction hose	m	-
Telescopic suction tube		Standard
Filter bag		Fleece
Permanent filter basket, fleece		■
Permanent filter basket, nylon		-
Switchable floor nozzle	mm	-

-
-
Fleece
■
-
-

Order No. 1.355-245.0

1.355-242.0

### Price

■ Included in delivery.

## T 15/1 HEPA

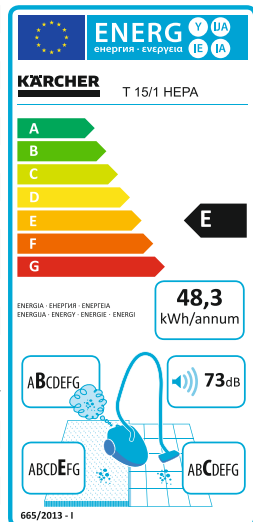
## T 15/1

- Reduced power consumption
- Plug-in power cord
- Very quiet

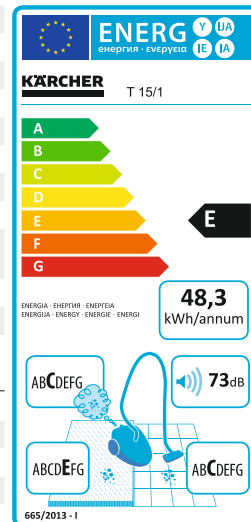
- Integrated accessory storage
- Integrated power cord/suction hose storage
- Comfort bend

### Technical data

Energy efficiency class	E
Air flow	l/s 61
Vacuum	mbar / kPa 244 / 24.4
Container capacity	l 15
Rated input power	W 1150
Voltage	V 220-240
Standard nominal width	ID 32
Cable length	m 15
Sound pressure level EN 60335-2-69	dB(A) 60
Uncertainty K = 1 dB(A)	
Sound power level	dB(A) 73
Weight	kg 8
Dimensions (L × W × H)	mm 435 × 315 × 400



E
61
244 / 24.4
15
1150
220-240
ID 32
15
60
73
8
435 × 315 × 400



### Equipment

Suction hose	m	2.5 / with bend
Telescopic suction tube		Standard
Filter bag		Fleece
Permanent filter basket, fleece		■
Permanent filter basket, nylon		-
Switchable floor nozzle	mm	285

2.5 / with bend
Standard
Fleece
■
285

Order No. 1.355-235.0

1.355-200.0

### Price

■ Included in delivery.

# DRY VACUUM CLEANER – 17 LITRES



**With a large container capacity, it can keep going as long as you can**

The T 17/1 dry vacuum cleaner has a large deposit capacity, allowing long work intervals. The low noise level makes the machine the ideal cleaning solution for noise-sensitive areas. With the electrical suction brush, the dry vacuum cleaner can be converted into a brush vacuum cleaner in an instant.



## 1 Main filter basket

- Large permanent main filter ensures optimal dust separation. For use with or without filter bag.

## 2 Foot switch for added convenience

- No need to bend down.

## T 17/1

- Reduced power consumption
- Power outlet for ESB 28 electric brush
- Foot switch for added convenience

### Technical data

Energy efficiency class	E
Air flow	l/s 61
Vacuum	mbar / kPa 244 / 24.4
Container capacity	l 17
Rated input power	W 1150
Voltage	V 220
Standard nominal width	ID 32
Cable length	m 12
Sound pressure level EN 60335-2-69	dB(A) 65
Uncertainty K = 1 dB(A)	
Sound power level	dB(A) 77
Weight	kg 7
Dimensions (L × W × H)	mm 440 × 315 × 420

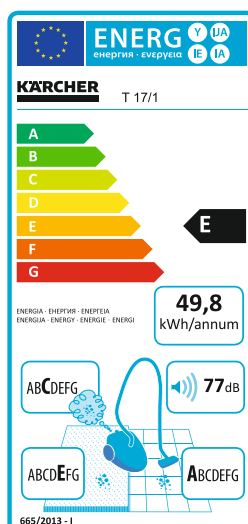
### Equipment

Suction hose	m	2.5 / with bend
Telescopic suction tube		-
Filter bag		Fleece
Permanent filter basket, fleece		-
Permanent filter basket, nylon		■
Switchable floor nozzle	mm	285

**Order No. 1.355-131.0**

**Price**

- Included in delivery.



# DRY VACUUM CLEANER – 12 LITRES



## Dry vacuum cleaner T 12/1: you will not want to put it down

Very quiet operation and ideal for maintenance cleaning in noise-sensitive areas: our dry vacuum cleaner T 12/1. Practical details such as the ergonomic foot switch and practical carrying handle make work much easier. The T 12/1 Hf machine operates with on-board voltage (110 V, 400 Hz) and is ideal for cleaning aircraft.

**NEW**



### 1 HEPA filter for clean exhaust gas

- The optional HEPA filter ensures particle-free, hygienically pure exhaust gas.

### 2 Adapter for electrical suction brushes

- The ESB 28 and ESB 34 transform the T 12/1 into an extra powerful yet quiet vacuum brush.

## T 12/1

## T 12/1 Hf

- Clip system
- Power outlet for ESB 28 electric brush
- Foot switch for added convenience

- On-board voltage with 110 V and 400 Hz
- 25-metre-long cord
- Ergonomic foot switch

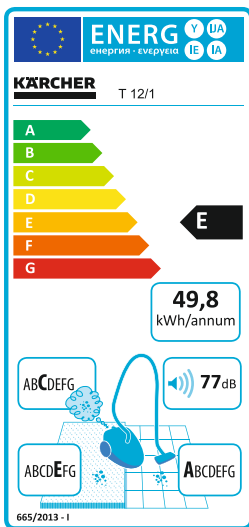
### Technical data

Energy efficiency class		E
Air flow	l/s	61
Vacuum	mbar / kPa	244 / 24.4
Container capacity	l	12
Rated input power	W	1150
Voltage	V	220-240
Standard nominal width		ID 32
Cable length	m	12
Sound level (mains operation) EN 60335-2-69:2010	dB(A)	65
Uncertainty K = 1 dB(A)		
Sound power level	dB(A)	77
Weight	kg	6.6
Dimensions (L × W × H)	mm	410 × 315 × 340

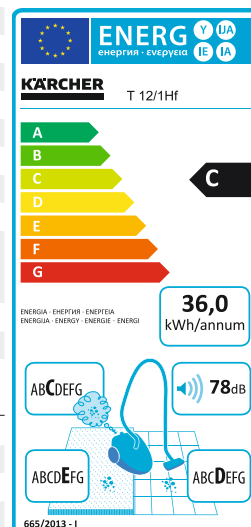
### Equipment

Suction hose	m	2.5 / with bend
Suction tubes, metal 2 × 0.5 m		■
Telescopic suction tube		-
Filter bag		Fleece
Washable permanent filter basket		-
Washable nylon filter (main filter)		-
Switchable floor nozzle	mm	285

Order No.	1.355-100.0
Price	



C	
54	
227 / 22.7	
12	
900	
110	
ID 32	
25	
66	
78	
7.8	
410 × 315 × 340	
2.5 / with bend	
■	
-	
Fleece	
-	
-	
285	



■ Included in delivery.

# DRY VACUUM CLEANER – 10 LITRES



## Developed by professionals, for professionals

The T 10/1 Adv is the ideal vacuum machine for contract cleaners. Development took place in close cooperation with professionals from the cleaning industry. Benefits: the plug-in power cord can be replaced quickly and easily and the vacuum cleaner can be operated with or without filter bag. The anti-static bend together with the yellow mains plug make working easier.



### 1 Large, round permanent main filter of washable fleece

- Extremely strong and dense enough to allow vacuuming for longer periods without a filter bag.

### 2 Easy to service

- The cord can be replaced quickly and easily by simply loosening 2 screws. This saves time and service costs.

#### T 10/1 Adv

#### T 10/1

- Plug-in power cord
- Antistatic bend
- Extra-strong permanent main filter

- Parking position for floor nozzle
- Cable hook
- Accessory storage

#### Technical data

Energy efficiency class	E
Air flow	l/s 61
Vacuum	mbar / kPa 244 / 24.4
Container capacity	l 10
Rated input power	W 1100
Voltage	V 220-240
Standard nominal width	ID 32
Cable length	m 12
Sound pressure level EN 60335-2-69	dB(A) 62
Uncertainty K = 1 dB(A)	
Sound power level	dB(A) 75
Weight	kg 6.5
Dimensions (L × W × H)	mm 355 × 310 × 410

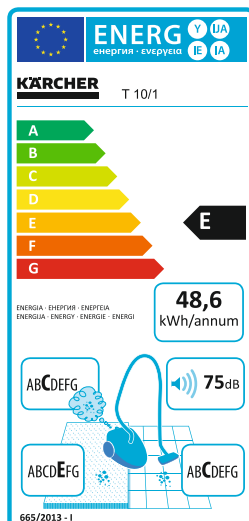
#### Equipment

Suction hose	m 2.5 / with bend
Suction tubes, metal 2 × 0.5 m	■
Filter bag	Fleece
Permanent filter basket, fleece	■
Permanent filter basket, nylon	-
Switchable floor nozzle	mm 270

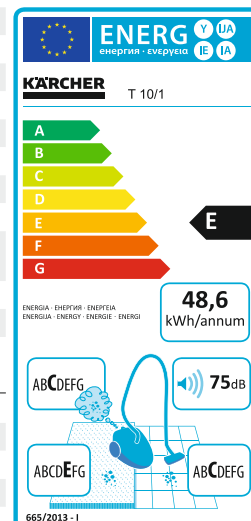
Order No. 1.527-154.0

Price

- Included in delivery.



E
61
244 / 24.4
10
1100
220-240
ID 32
10
62
75
6
355 × 310 × 385



2.5 / with bend
■
Fleece
-
270

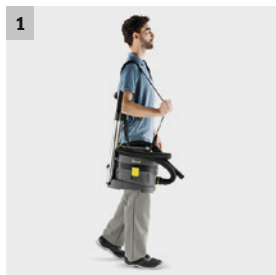
1.527-150.0

# DRY VACUUM CLEANER – 8 LITRES

## T 8/1 L: tradesmen love it



Tough and powerful: the dry vacuum cleaner T 8/1 L has been specially developed for tradesmen who have to work in dusty environments (filter class certification L) or on ladders (weighs just 3.5 kg). Practical on-board accessory storage for easy access.



### 1 Ergonomic carrying strap

- Allows easy transport of the light machine and enables work, for example, on ladders.

### 2 Secure storage options for accessories

- Accessories are stowed directly on the back of the machine while the hose and power cord are securely fixed.

## T 8/1 L

- Ergonomic carrying strap
- Filter class certification L
- Weighs only 3.5 kg – extremely light.

### Technical data

Energy efficiency class		B
Air flow	l/s	40
Vacuum	mbar / kPa	230 / 23
Container capacity	l	8
Rated input power	W	1000
Voltage	V	220–240
Standard nominal width		ID 35
Cable length	m	7.5
Sound level (mains operation) EN 60335-2-69:2010 Uncertainty K = 1 dB(A)	dB(A)	63
Sound power level	dB(A)	75
Weight	kg	3.5
Dimensions (L × W × H)	mm	382 × 285 × 324

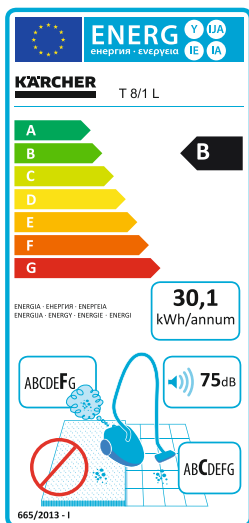
### Equipment

Suction hose	m	2.5 / with bend
Suction tubes, metal 2 × 0.5 m		■
Filter bag		Fleece
Permanent filter basket, fleece		■
Permanent filter basket, nylon		–
Switchable floor nozzle	mm	300

Order No. 1.527-188.0

Price

- Included in delivery.





# CLASSIC DRY VACUUM CLEANERS



## Simply practical: the T Classic range

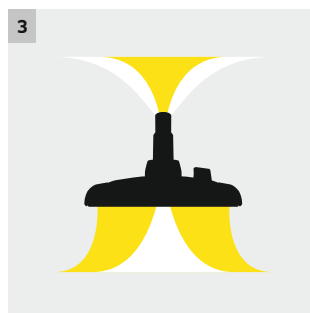
With our Classic dry vacuum cleaners, we demonstrate how well high professional standards can now be met with entry-level machines. These ergonomically designed and robust machines are compact, versatile and powerful, yet extremely quiet – with a large container capacity for non-stop use. In brief: they provide everything you need for maintenance cleaning.



1



2



3

### 1 Lightweight

- The T 7/1 Classic is up to 50% lighter than competitor models with the same container capacity and is easy to transport due to its low weight (3.5 kg). Stairs or longer distances are not a problem.

### 2 Main filter basket for optimal dust separation

- The permanent main filter ensures optimum dust separation, allowing operation without a filter bag.

### 3 Maximum suction power with simultaneously minimal energy use

- Instead of using oversized turbines, the T 7/1 Classic offers optimised air flow and maximum suction power.
- Compared with our competitors' machines, power input and power consumption are nearly 25% lower (1,000 watts compared with 1,300 watts).
- Despite a lower power consumption, the suction power using the floor nozzle is about 25% higher than that of the competition (249 watts compared with 200 watts).

# TECHNICAL DATA AND EQUIPMENT

## T 14/1 Classic

## T 8/1 Classic

- Foot switch
- Accessories holder
- Cable hook

- Foot switch
- Accessories holder
- Cable hook

### Technical data

Energy efficiency class		-	-
Air flow	l/s	40	47
Vacuum	mbar / kPa	285 / 28.5	285 / 28.5
Container capacity	l	14	8
Max. rated input power	W	1600	1600
Voltage	V	220-240	220-240
Standard nominal width		ID 35	ID 35
Cable length	m	7.5	7.5
Sound level (mains operation) EN 60335-2-69:2010 Uncertainty K = 1 dB(A)	dB(A)	69	69
Sound power level	dB(A)	-	-
Weight	kg	5.3	5
Dimensions (L × W × H)	mm	355 × 310 × 466	355 × 310 × 350

### Equipment

Suction hose	m	1.7	1.7
Suction tubes, metal 2 × 0.5 m	■	■	■
Suction tubes, plastic 2 × 0.5 m	-	-	-
Suction tubes, plastic 3 × 0.35 m	-	-	-
Filter bag		Paper	Paper
Dry floor nozzle	mm	360	360
Crevice nozzle	■	■	■
Round brush	■	■	■
Upholstery nozzle	■	■	■
Order No.		1.527-170.0	1.527-160.0
Price			

■ Included in delivery.

## T 7/1 Classic

- Extremely lightweight (< 3.5 kg)
- Strong suction power
- Low noise

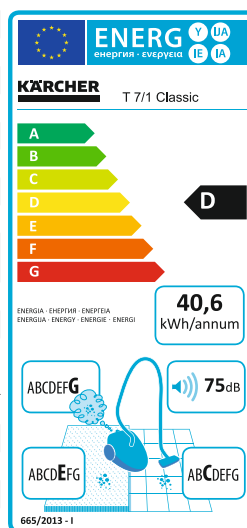
### Technical data

Energy efficiency class		D
Air flow	l/s	40
Vacuum	mbar / kPa	230 / 23
Container capacity	l	7.5
Max. rated input power	W	1000
Voltage	V	220-240
Standard nominal width		ID 35
Cable length	m	7.5
Sound level (mains operation) EN 60335-2-69:2010 Uncertainty K = 1 dB(A)	dB(A)	63
Sound power level	dB(A)	75
Weight	kg	3.5
Dimensions (L × W × H)	mm	375 × 285 × 322

### Equipment

Suction hose	m	2
Suction tubes, metal 2 × 0.5 m	-	-
Suction tubes, plastic 2 × 0.5 m	-	-
Suction tubes, plastic 3 × 0.35 m	■	■
Filter bag		Fleece
Dry floor nozzle	mm	270
Crevice nozzle	-	-
Round brush	-	-
Upholstery nozzle	-	-
Order No.		1.527-181.0
Price		

■ Included in delivery.



# BATTERY-OPERATED DRY VACUUM



## Battery-operated dry vacuum cleaner T 9/1 Bp: cordless power without compromise

With the new, extremely powerful battery-operated dry vacuum cleaner T 9/1 Bp, you will definitely not have to compromise on power and quality of the cleaning results compared with mains-operated dry vacuum cleaners, but will benefit from the cordless flexibility of this machine. The powerful battery has a running time of 24 minutes in standard operation and 46 minutes in ecoefficiency mode.



### 1 eco!efficiency mode

- The eco!efficiency mode reduces the machine's energy requirements and noise level, and also extends its battery life.

### 2 Ergonomic bend

- The ergonomic bend sits comfortably in the hand and allows fatigue-free work over long periods of time.

## T 9/1 Bp

- Lithium-ion battery (36 V) with battery charge display
- Quick charger
- Energy-saving eco!efficiency mode

### Technical data

Energy efficiency class		-
Air flow	l/s	46
Vacuum	mbar / kPa	207 / 20.7
Container capacity	l	9
Nominal power	W	650
Voltage	V	220-240
Standard nominal width		ID 35
Cable length		-
Sound level	dB(A)	62
EN 60335-2-69: 2010 Uncertainty K = 1 dB(A)		
Sound power level		-
Weight	kg	7.2
Dimensions (L × W × H)	mm	419 × 325 × 381

### Equipment

Suction hose	m	2.5 / with bend
Telescopic suction tube		Standard
Filter bag		Fleece
Washable nylon filter (main filter)		■
Switchable floor nozzle	mm	290
Order No.		1.528-111.0
Price		

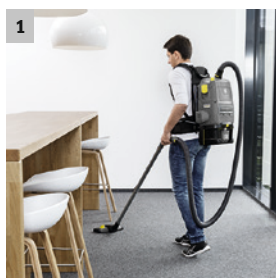
- Included in delivery.

# BACKPACK VACUUM



## Backpack vacuum BV 5/1 Bp: the perfect solution for small spaces

In confined spaces, like cinemas, buses, trains, aircraft or on stairs, the BV 5/1 Bp is practically unbeatable. Battery-operated, extremely powerful and featuring an ergonomic and patented carrying frame for maximum comfort, it is also very easy to use as all functions are controlled directly via the control panel on the waist strap.



### 1 Patented, ergonomic carrying frame

- Carrying frame with Air Stream Comfort system prevents irritating vibrations and heat build-up on the back.

### 2 Simple operation of all functions

- Control panel on the waist harness allows convenient control and monitoring of all functions.

#### BV 5/1 Bp

#### BV 5/1

- Lithium-ion battery (36 V) with battery charge display
- Battery charge display on control panel
- Energy-saving eco:efficiency mode
- Clip system
- Air Stream Comfort carrying frame
- Parking position for floor nozzle

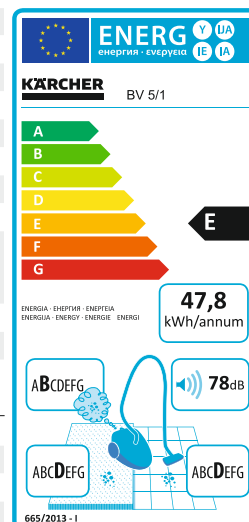
#### Technical data

Energy efficiency class		–	E
Air flow	l/s	46	61
Vacuum	mbar / kPa	207 / 20.7	244 / 24.4
Container capacity	l	5	5
Nominal power	W	650	1300
Voltage	V	220–240	220–240
Standard nominal width		ID 35	ID 32
Cable length	m	–	15
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	57	64
Sound power level	dB(A)	–	78
Weight	kg	8.7	5.3
Dimensions (L × W × H)	mm	400 × 320 × 636	400 × 320 × 540

#### Equipment

Suction hose	m	1.5 / with bend	1.5 / with bend
Telescopic suction tube		Standard	Standard
Filter bag		Fleece	Fleece
Washable nylon filter (main filter)		■	■
Switchable floor nozzle	mm	290	285
Order No.		1.394-219.0	1.394-200.0
Price			

- Included in delivery.



## BATTERY-POWERED ELECTRIC BROOM



### As quiet as it is thorough: the electric broom

When cleaning has to be fast and thorough, our whisper-quiet electric brooms are there to help. Equipped with lithium-ion technology, they offer a battery performance of 82 minutes for carpets and up to 104 minutes for hard surfaces. Replacement battery and quick charger BC 1/1.8 included for uninterrupted use.



1

#### 1 Quick charger

- Short charging time, long run time: the BC 1/1.8 quick charger fully charges batteries in only 65 minutes.



2

#### 2 Easy battery replacement

- The powerful lithium-ion battery is easy to remove and change in a few simple steps.



3

#### 3 Brush replacement without tools

- The roller brush can be removed without tools for easier cleaning.



# TECHNICAL DATA AND EQUIPMENT

EB 30/1 Adv Li-Ion			EB 30/1 Li-Ion		
<div><div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <ul style="list-style-type: none"><li>Lithium-ion technology</li><li>High-performance batteries</li><li>Quick charger</li></ul>			<div><div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <ul style="list-style-type: none"><li>Lithium-ion technology</li><li>Parking position</li><li>Removable roller brush</li></ul>		
Technical data					
Working width	mm	300		300	
Container capacity	l	1		1	
Voltage	V	220-240		220-240	
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	56		56	
Operating time (textile/hard surface)	min.	82 / 104		41 / 52	
Battery charging time	h	1		5	
Weight	kg	2.3		2	
Dimensions (L × W × H)	mm	250 × 300 × 1340		250 × 300 × 1340	
Equipment					
Battery, 7.2 V/2.6 Ah		■		■	
Replacement battery, 7.2 V / 2.6 Ah		■		-	
Plug, power supply, BC 1/0.45 charger		-		■	
Quick charger BC 1/1.8		■		-	
Roller brush, standard		■		■	
Order No.		1.545-127.0		1.545-126.0	
Price					

■ Included in delivery.

## STEP-ON VACUUM CLEANER – 60 CM WORKING WIDTH

### Flexible all-round talent

Compact, innovative step-on dry vacuum cleaner with a small turning circle. Ideal for carpets and hard surfaces. With contra-rotating roller brushes, side brushes, suction tube and HEPA filter (optional accessories). Convenient on-board battery charger.



#### 1 Contra-rotating roller brush system

- For hard and textile floor coverings – without brush replacement. The rollers adjust automatically to any floor covering.



#### 2 Suction tube with extra-long hose

- The suction tube allows easy step and corner cleaning, even in hard-to-reach places. The hose can also be lengthened as required.



#### 3 The machine can be fully opened

- Easy replacement of battery and filter bag.
- Very easy to service.



#### 4 Slim design

- Extremely manoeuvrable.
- Fits in any lift – ideal for cleaning in multi-storey buildings.

# TECHNICAL DATA AND EQUIPMENT

## CV 60/2 RS Bp Pack

## CV 60/2 RS

- For hard floors and textile floor coverings
- Stretchable suction hose with removeable suction tube
- Including battery and built-in charger

- For hard floors and textile floor coverings
- Stretchable suction hose with removeable suction tube
- Built-in charger included in scope of delivery

### Technical data

Working width	mm	610	610
Air flow	l/s	34	34
Vacuum	mbar / kPa	117 / 11.7	117 / 11.7
Container capacity	l	17	17
Max. rated input power	W	1224	1224
Voltage	V	36	220-240
Standard nominal width		ID 32	ID 32
Cable length	m	-	-
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	68	68
Brush motor power	W	373	373
Weight	kg	203	123
Dimensions (L × W × H)	mm	1120 × 622 × 1316	1120 × 622 × 1316

### Equipment

Crevice nozzle and upholstery nozzle	■	■
Suction tube, detachable	■	■
Corrugated suction hose, removable	■	■
Filter bag	Paper	Paper
Filter status indicator	■	■
Roller brush	piece(s)	2
Order No.	1.011-028.0	1.011-027.0
Price		

- Included in delivery.

## UPRIGHT BRUSH-TYPE VACUUM CLEANER - 66 CM WORKING WIDTH



### Large areas cleaned efficiently

The CV 66/2 with contra-rotating roller brush system is ideal for efficient and thorough cleaning of large carpeted areas. Ideal for hotels, airports and municipal use.



#### 1 Easy filter replacement.

- The filter system is easily accessible for quick and easy replacement.



#### 2 Contra-rotating roller brush system

- The innovative contra-rotating roller brush system cleans deep into the fibres and raises the pile.



#### 3 Always at hand and ready to use

- The hook is rotatable for easy removal of the power cord.

# TECHNICAL DATA AND EQUIPMENT

## CV 66/2

- Contra-rotating roller brush system
- Height-adjustable handle
- 2 fixed and 1 adjustable power cable hook

### Technical data

Working width	mm	660
Air flow	l/s	2 × 52
Vacuum	mbar / kPa	143 / 14.3
Container capacity	l	35
Max. rated input power	W	1650
Voltage	V	220-240
Cable length	m	20
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A)	73
Brush motor power	W	400
Weight	kg	72
Dimensions (L × W × H)	mm	1120 × 790 × 1330

### Equipment

Crevice nozzle and upholstery nozzle		-
Suction tube, detachable		-
Stretchable suction hose		-
Filter bag		Paper
Filter status indicator		■
Roller brush, quantity	piece(s)	2
Order No.		1.012-585.0
Price		

■ Included in delivery.



## UPRIGHT BRUSH-TYPE VACUUM CLEANER - 48-38 CM WORKING WIDTH

### Deep cleaning action – for maximum cleaning performance

Two-motor brush vacuum cleaners with wide working widths – ideal for cleaning large areas in shops, offices, hotels or restaurants quickly and efficiently. With brush overload protection.



**1 Indicator light**

- The indicator light shows when the roller brush needs to be adjusted to achieve optimum cleaning results.



**2 Highflex power cord**

- The yellow Highflex cord is extremely tough, flexible and anti-twist. It can be securely attached to the machine.



**3 Flexible cleaning option**

- The stretchable suction hose can be removed easily, meaning that blockages can be removed quickly and effortlessly.

# TECHNICAL DATA AND EQUIPMENT

## CV 48/2 Adv

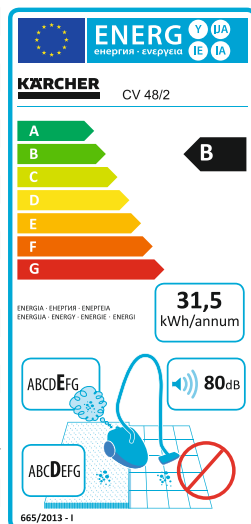
## CV 48/2

- Visual brush adjustment aid
- Highflex power cord
- 2 motors

- Visual brush adjustment aid
- Electronic brush overload protection
- 2 motors

### Technical data

Energy efficiency class	B
Working width	mm 480
Air flow	l/s 48
Vacuum	mbar / kPa 250 / 25
Container capacity	l 5.5
Rated input power	W 1050
Voltage	V 220-240
Standard nominal width	ID 35
Cable length	m 12
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A) 67
Sound power level	dB(A) 80
Brush motor power	W 150
Weight	kg 10
Dimensions (L × W × H)	mm 486 × 351 × 1142



### Equipment

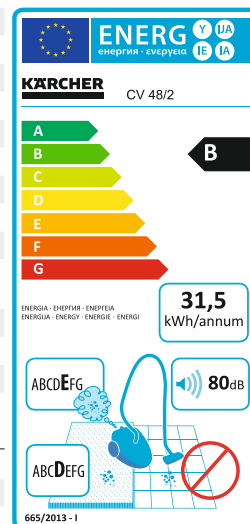
Crevice nozzle and upholstery nozzle	■
Suction tube, detachable	■
Corrugated suction hose, removable	■
Filter bag	Fleece
Filter status indicator	■
Roller brush	piece(s) 1

Order No. 1.057-321.0

Price

■ Included in delivery.

B
480
48
250 / 25
5.5
1050
220-240
ID 35
12
67
80
150
10
486 × 351 × 1142



■
■
■
Fleece
■
1

1.057-309.0

## CV 38/2 Adv

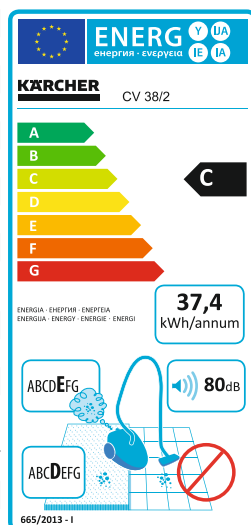
## CV 38/2

- Visual brush adjustment aid
- Highflex power cord
- 2 motors

- Visual brush adjustment aid
- Electronic brush overload protection
- 2 motors

### Technical data

Energy efficiency class	C
Working width	mm 380
Air flow	l/s 48
Vacuum	mbar / kPa 250 / 25
Container capacity	l 5.5
Rated input power	W 1050
Voltage	V 220-240
Standard nominal width	ID 35
Cable length	m 12
Sound pressure level EN 60335-2-69 Uncertainty K = 1 dB(A)	dB(A) 67
Sound power level	dB(A) 80
Brush motor power	W 150
Weight	kg 9.5
Dimensions (L × W × H)	mm 391 × 351 × 1142



### Equipment

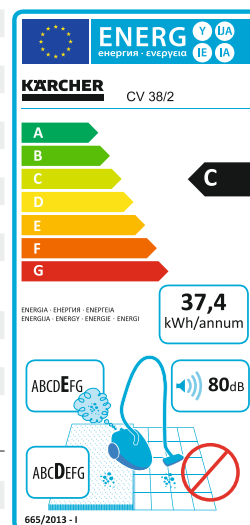
Crevice nozzle and upholstery nozzle	■
Suction tube, detachable	■
Corrugated suction hose, removable	■
Filter bag	Fleece
Filter status indicator	■
Roller brush	piece(s) 1

Order No. 1.033-330.0

Price

■ Included in delivery.

C
380
48
250 / 25
5.5
1050
220-240
ID 35
12
67
80
150
9.5
351 × 391 × 1215



■
■
■
Fleece
■
1

1.033-312.0

## UPRIGHT BRUSH-TYPE VACUUM CLEANER - 38-30 CM WORKING WIDTH



### Upright vacuum cleaners for exceptional cleaning results

The CV 30/1 uses a single motor to power the suction and roller brush. The vacuum cleaner easily removes stubborn dirt particles such as threads or hairs and raises the carpet pile.



#### 1 Manual roller brush adjustment

- Thanks to the height adjustment, the roller brush can be adjusted to any carpet pile height.
- For adjustment to different pile heights.

#### 2 Easy brush replacement

- Brushes are available with hard and soft bristles. They can be changed without tools.

#### 3 Flexible cleaning option

- The stretchable suction hose can be removed easily, meaning that blockages can be removed quickly and effortlessly.

#### 4 Patented centrifugal coupling

- For longer service life: the innovative patented centrifugal coupling protects the whole brush head from being overloaded, thereby avoiding high service costs.

# TECHNICAL DATA AND EQUIPMENT

## CV 38/1

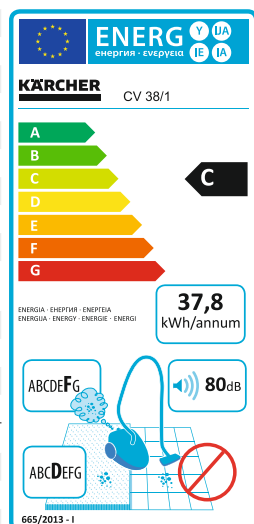
## CV 30/1

- Height-adjustable handle
- Manual roller brush adjustment
- Rubber bumper

- Height-adjustable handle
- Manual roller brush adjustment
- Rubber bumper

### Technical data

Energy efficiency class		C
Working width	mm	380
Air flow	l/s	48
Vacuum	mbar / kPa	207 / 20.7
Container capacity	l	5.5
Rated input power	W	1000
Voltage	V	220-240
Standard nominal width		ID 35
Cable length	m	12
Sound pressure level EN 60335-2-69	dB(A)	67
Uncertainty K = 1 dB(A)		
Sound power level	dB(A)	80
Weight	kg	8.7
Dimensions (L × W × H)	mm	320 × 390 × 1220



### Equipment

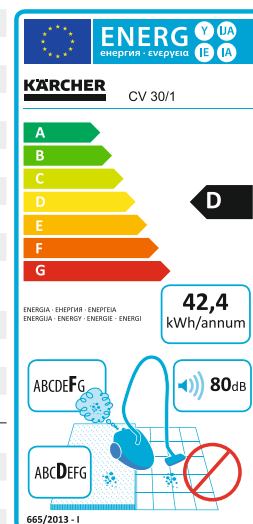
Crevice nozzle and upholstery nozzle	■
Suction tube, detachable	■
Stretchable suction hose	■
Filter bag	Fleece
Filter status indicator	■
Roller brush, quantity	piece(s)

Order No. 1.435-115.0

Price

■ Included in delivery.

D
300
48
207 / 20.7
5.5
1000
220-240
ID 35
12
67
80
8.4
320 × 310 × 1220



■
■
■
Fleece
■
1

Order No. 1.023-116.0

## SMALL EXTRAS, BIG EFFECT

Our extensive range of dry vacuum cleaner accessories makes daily work with the machines even easier and more efficient. Thanks to on-board storage, accessories are always within easy reach and can be stored quickly and safely ready for the next time. Dry vacuum cleaners, together with suction nozzles, hoses and suction tubes for typical applications, form a perfectly balanced system. The result: exemplary cleaning processes and uncompromising cleanliness.



### Table of contents: Dry vacuum cleaner and carpet cleaner accessories

Filters	Page	376
Suction nozzles, suction tubes and bends	Page	380
Connecting adapters	Page	386
Suction hoses	Page	388
Other accessories	Page	390





#### 1 Simultaneous vacuuming and brushing

With the ESB 28 and ESB 34 electrical suction brushes, carpets can be thoroughly vacuumed and brushed at the same time.

#### 2 Optimal accessory storage

The suction hose is protected when stored and the bend has its own recess.

#### 3 Healthy air

Kärcher HEPA filters ensure perfectly hygienic exhaust air, for example in hotels, hospitals and nurseries.

#### 4 Bagless filtration

Kärcher permanent filters allow vacuuming without a filter bag.

#### 5 Better filtration for more efficiency

Kärcher fleece filter bags are more economical: double the dust intake capacity compared with paper filter bags, 10% better separation degree and a long lifetime reduce material costs considerably.

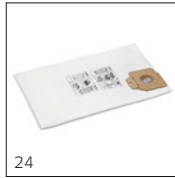
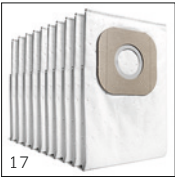
# FILTERS



Large filter bag volume with compact design – a principle followed by Kärcher with every new development. The result: outstanding efficiency, low maintenance costs and long operation duration.

		Order No.	Quantity	Price	Description
<b>Paper filter bags (two-ply)</b>					
Paper filter bags	1	8.634-104.0	10 piece(s)		17-litre filling capacity
	2	6.904-333.0	10 piece(s)		Dust class M.
Paper filter bags, bulk value pack	3	6.904-337.0	300 piece(s)		Dust class M, bulk value pack.
Paper filter bags	4	6.904-312.0	10 piece(s)		Dust class M.
Paper filter bags, bulk value pack	5	6.904-318.0	200 piece(s)		Dust class M, bulk value pack.
	6	6.907-016.0	200 piece(s)		
Paper filter bags	7	6.907-019.0	10 piece(s)		Set (10 pieces) of paper filter bags (BIA C dust class M) for use in all commercial dry vacuum cleaners.
	8	6.904-403.0	10 piece(s)		Dust class M.
	9	6.904-294.0	10 piece(s)		
Paper filter bags, bulk value pack	10	6.904-303.0	300 piece(s)		Dust class M, bulk value pack.
Paper filter bags	11	8.621-509.0	10 piece(s)		Two-ply, for low-dust disposal.
	12	6.904-370.0	10 piece(s)		Affordable paper filter bag for dust-free disposal.
	13	6.904-376.0	10 piece(s)		Set (10 pieces) of affordable paper filter bags for low-dust disposal.
<b>Fabric filter bag</b>					
Fabric filter bag	14	6.904-425.0	1 piece(s)		Cotton, washable (40°C).
	15	6.904-316.0	1 piece(s)		Cotton, washable (40°C), reusable.
	16	6.904-301.0	1 piece(s)		
<b>Fleece filter bags (three-ply)</b>					
Fleece filter bags	17	6.904-084.0	10 piece(s)		Fleece filter bags (10 pieces). Tear-resistant, three-ply fabric approved for dust class M.
	18	6.904-335.0	10 piece(s)		Fleece filter bag, tear-resistant, dust class M.
Fleece filter bags, bulk value pack	19	6.904-336.0	300 piece(s)		Fleece filter bag, tear-resistant, dust class M. Bulk value pack.
Fleece filter bags	20	6.904-315.0	10 piece(s)		Fleece filter bag, tear-resistant, dust class M.
Fleece filter bags, bulk value pack	21	6.904-321.0	200 piece(s)		Fleece filter bag, tear-resistant, dust class M. Bulk value pack.
Fleece filter bags	22	6.907-017.0	10 piece(s)		Fleece filter bag, tear-resistant, dust class M.
Fleece filter bags, bulk value pack	23	6.907-018.0	200 piece(s)		Fleece filter bag, tear-resistant, dust class M. Bulk value pack.
Fleece filter bags	24	6.904-305.0	10 piece(s)		Fleece filter bag, tear-resistant, dust class M.
Fleece filter bags, bulk value pack	25	6.904-309.0	300 piece(s)		Fleece filter bag, tear-resistant, dust class M. Bulk value pack.
<b>HEPA, dust class H filter</b>					
HEPA filter cartridge	26	8.634-529.0	1 piece(s)		HEPA filter cartridge with carbon content for dust-free and odour-reduced exhaust air recirculation.
HEPA flat pleated filter	27	6.414-801.0	1 piece(s)		HEPA filter cartridge, paper/plastic (HEPA 12).
	28	6.414-760.0	1 piece(s)		

■ Included in delivery. □ Available accessories. More Kärcher original accessories and cleaning agents can be found on the following pages.

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		Order No.	Quantity	Price	Description
<b>Main filter baskets</b>					
Permanent main filter basket	29	2.889-099.0	1 piece(s)		Extra-strong fleece material.
	30	5.731-649.0	1 piece(s)		Reinforced polyester needle fleece, washable up to 40°C.
	31	5.731-624.0	1 piece(s)		Nylon, washable up to 40°C.
	32	4.731-011.0	1 piece(s)		Reinforced polyester needle fleece, washable up to 40°C.
	33	5.731-640.0	1 piece(s)		Nylon, washable up to approx. 40°C.
	34	5.731-632.0	1 piece(s)		
	35	5.731-628.0	1 piece(s)		
<b>Exhaust air filter</b>					
Filter foam	36	6.414-765.0	3 piece(s)		Standard exhaust filter.
Motor protection filter set	37	2.889-119.0	3 piece(s)		Motor protection filter, removable fleece, which can be replaced when heavily soiled.
Standard exhaust filter	38	6.414-802.0	3 piece(s)		Standard exhaust filter.
Motor protection filter	39	6.414-611.0	5 piece(s)		Change the motor filter and interchangeable fleece when heavily soiled.

■ Included in delivery. □ Available accessories. More Kärcher original accessories and cleaning agents can be found on the following pages.

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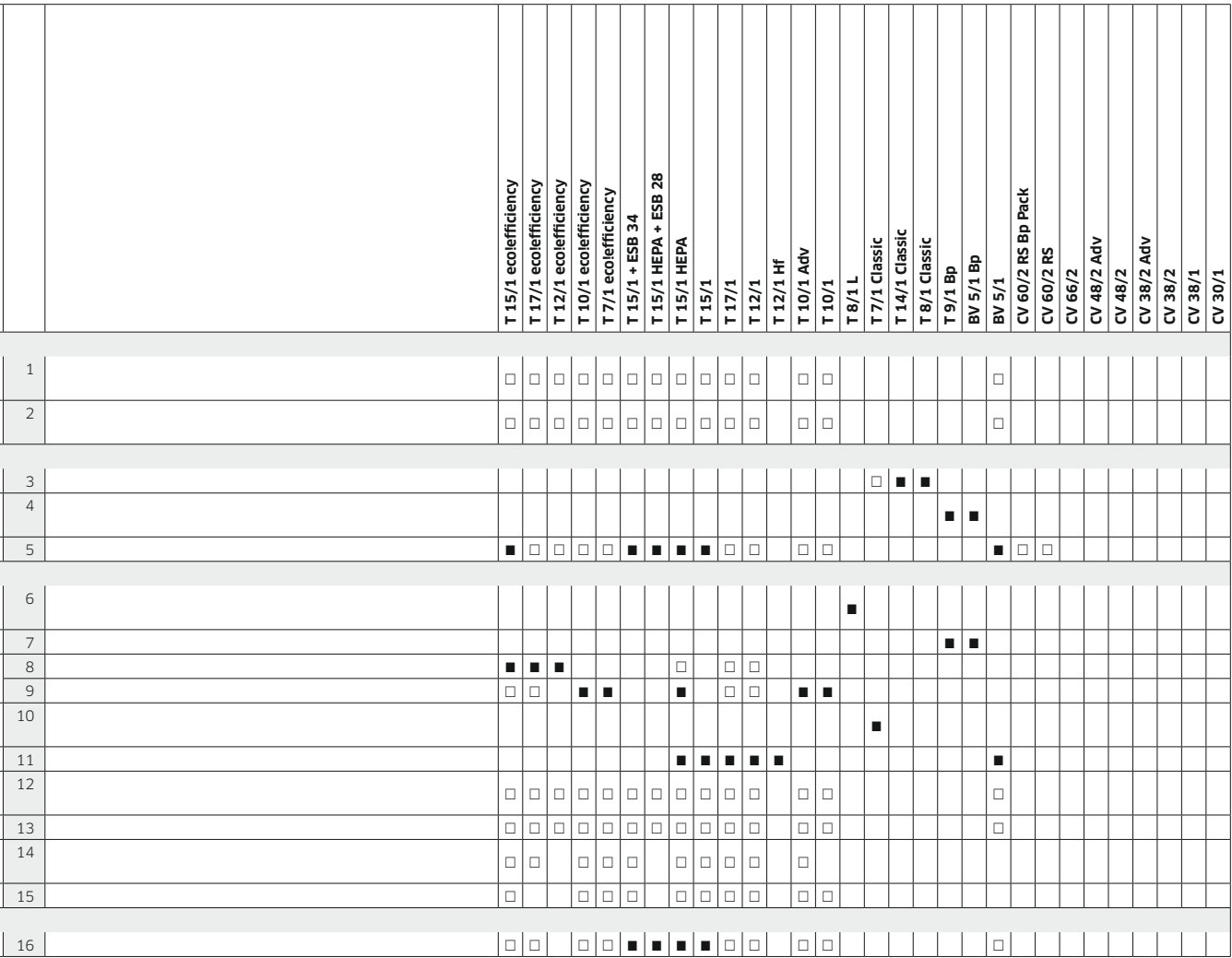
# SUCTION NOZZLES, SUCTION TUBES AND BENDS



The right nozzle can considerably improve cleaning performance. Carpets regain their quality appearance and hard surfaces are left completely dust-free.

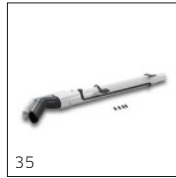
		Order No.	Quantity	ID	Length	Width	Price	Description
<b>Turbo nozzles</b>								
Turbo upholstery nozzle	1	2.860-113.0	1 piece(s)	ID 32		160 mm		Upholstery nozzle, plastic, with reduction bushing ID 35/32.
Turbo floor nozzle	2	2.860-114.0	1 piece(s)	ID 32		270 mm		Floor nozzle, plastic, with reduction bushing ID 35/32, 270 mm.
<b>Upholstery nozzles</b>								
Upholstery nozzle	3	9.770-605.0	1 piece(s)	ID 35		120 mm		Plastic.
	4	2.889-131.0	1 piece(s)	ID 35		120 mm		Plastic upholstery nozzle.
	5	6.903-402.0	1 piece(s)	ID 32		120 mm		Plastic.
<b>Combi-nozzles, dry</b>								
Combi-nozzle	6	2.840-038.0	1 piece(s)	ID 35		300 mm		Switchable plastic floor nozzle (combi-nozzle) with internal connecting taper ID 35.
	7	2.889-129.0	1 piece(s)	ID 35		295 mm		Plastic floor nozzle, ID 35 and switchable.
	8	6.907-468.0	1 piece(s)	ID 32		290 mm		Plastic, ID 32, switchable.
	9	6.907-467.0	1 piece(s)	ID 32		270 mm		
	10	6.907-496.0	1 piece(s)	ID 35		270 mm		Made of plastic with stainless steel soleplate, switchable and equipped with ID 35 connection.
	11	6.907-410.0	1 piece(s)	ID 32		270 mm		Plastic, ID 32, switchable.
Combination floor tool for parquet	12	6.906-107.0	1 piece(s)	ID 32		360 mm		Suitable for parquet floors, plastic with brush strips (Set no. 6.905-878.0) and two rollers.
	13	6.907-486.0	1 piece(s)	ID 32		300 mm		Plastic with ID 32 connection.
Combi-nozzle, dry	14	6.906-211.0	1 piece(s)	ID 32		262 mm		Plastic with stainless steel soleplate, switchable. T vacuums only.
	15	6.906-812.0	1 piece(s)	ID 32		255 mm		Plastic with plastic soleplate and two rollers.
<b>Radiator brushes</b>								
Radiator brush	16	6.903-404.0	1 piece(s)	ID 32				Plastic, for crevice nozzle (6.903-403.0).

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories and cleaning agents can be found on the following pages.



		Order No.	Quantity	ID	Length	Width	Price	Description
Crevice nozzles								
Crevice nozzle	17	2.840-039.0 ■	1 piece(s)	ID 35	195 mm			Gets into every corner and crevice: plastic crevice nozzle for commercial dry vacuum cleaners.
	18	9.770-638.0	1 piece(s)	ID 35	250 mm			Plastic.
	19	2.889-130.0 ■	1 piece(s)	ID 35	210 mm			Plastic crevice nozzle.
	20	6.906-240.0	1 piece(s)	ID 35	250 mm			Plastic.
	21	6.903-403.0	1 piece(s)	ID 32	210 mm			
Electric brushes								
Electric brush - ESB 28	22	2.641-815.0	1 piece(s)	ID 32		280 mm		ESB 28 with suction hose, electric cord and telescopic vacuum tube, only for T 201, T 12/1 (230 V).
Brush head - ESB 34	23	2.642-442.0	1 piece(s)	ID 32		340 mm		ESB 34, suction hose with electric cord and telescopic vacuum tube (230 V).
Suction brushes								
Suction brush	24	6.903-862.0	1 piece(s)	ID 35		70 mm		Natural bristles (cow hair), rotatable.
	25	6.903-887.0	1 piece(s)	ID 32		70 mm		Plastic brush, rotatable.
Micro sprayer sets								
Nozzle kit	26	2.860-143.0	4 piece(s)	ID 32				Crevice nozzle, upholstery nozzle, round brush, clip holder.
All-purpose brushes								
Multi-purpose brush	27	6.906-122.0	1 piece(s)	ID 32	120 mm			Plastic, hard bristles, 20 × 45 mm.
Suction tubes, stainless steel								
Suction tube set	28	2.840-041.0 ■	2 piece(s)	ID 35	0.5 m			Stainless steel suction tube set (2 × 50 cm) as a replacement or extension, e.g. for vacuuming ceilings.
Suction tubes, plastic								
Suction tube	29	5.481-010.0	1 piece(s)	ID 35	0.35 m			Three included in standard accessories (T 7/1 Classic)
	30	9.770-584.0	1 piece(s)	ID 35	0.5 m			Plastic, black, 0.5 m.
	31	8.600-009.0	1 piece(s)	ID 32	0.5 m			
Suction tubes, metal								
Suction tube set	32	2.643-464.0	2 piece(s)	ID 35	0.5 m			Metal suction tubes, 50 cm-long.
Telescopic suction tube	33	2.862-008.0 ■	1 piece(s)	ID 35	0.61 m			Telescopic suction tube, metal, chrome-plated, ID 35. Length from 0.61 to 1.0 m.
Suction tube	34	6.906-618.0	1 piece(s)	ID 32	0.5 m			Metal, black-coated, ID 32, 0.5 m.
Accessory tool, NUWAV kit	35	8.630-501.0	1 piece(s)					Optional accessories for CV 66/2 upright vacuum cleaner for large areas.
Telescopic suction tube	36	6.903-524.0	1 piece(s)	ID 32				Telescopic tube, metal, chrome-plated, ID 32, 0.61-1 m.
Suction tube	37	6.903-850.0	1 piece(s)	ID 32	0.5 m			Metal, chrome-plated, ID 32.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories and cleaning agents can be found on the following pages.

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		Order No.	Quantity	ID	Length	Width	Price	Description
<b>Bend, plastic</b>								
Bend, plastic, C-35 clip system	38	2.840-040.0 ■	1 piece(s)	ID 35				Plastic bend with practical C-35 clip system.
Bend Adv, antistatic, with secondary air slider	39	2.889-148.0 ■	1 piece(s)	ID 35				Ergonomic bend for the new clip system.
Bend, plastic	40	4.408-051.0	1 piece(s)	ID 32				Plastic with C-32 clip system.
Comfort bend, plastic, C-32 clip system	41	4.440-865.0	1 piece(s)	ID 32				Comfort bend, plastic, with C-ID 32 clip system, with low-noise air supply regulation, German patent granted: DE 102005010983 (without ESB connection).

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories and cleaning agents can be found on the following pages.



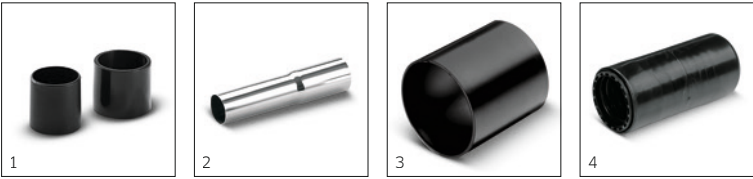
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# ADAPTERS



With Kärcher's connection adapters, two suction hoses can be quickly and reliably joined together, thereby increasing the working radius.

		Order No.	Quantity	ID	Price	Description
<b>Reduction/expansion adapter kit</b>						
Set of reducers / adapter sleeves	1	2.860-117.0	1 piece(s)			ID 40/35, ID 35/32 (tube -> nozzle), plastic.
<b>Reducers (tube -&gt; nozzle)</b>						
Reducer from ID 35 to ID 32	2	6.902-072.0	1 piece(s)	ID 35		From ID 35 to ID 32, metal.
<b>Expansion pieces (tube -&gt; nozzle)</b>						
Adapter	3	6.902-083.0	1 piece(s)	ID 32		From ID 32 to ID 35, plastic.
<b>Connecting sleeves</b>						
Adapter, ID 32/35, with internal thread	4	6.902-077.0	1 piece(s)	ID 32		For connecting two suction hoses (not ESB 28 and 34).
<input type="checkbox"/> Available accessories. More Kärcher original accessories and cleaning agents can be found on the following pages.						



			T 7/1 eco efficiency	T 15/1 HEPA	T 15/1	T 17/1	T 12/1	T 10/1 Adv	T 10/1	BV 5/1
	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# SUCTION HOSES



Our robust and flexible suction hoses follow your every move. Electrically conductive suction hoses reliably protect against electrostatic discharge between the operator and the machine.

		Order No.	Quantity	ID	Length	Price	Description
<b>Suction hoses</b>							
Suction hose	1	2.889-133.0	1 piece(s)	ID 35	2.5 m		2.5 m-long suction hose with new clip fastener, C-35.
	2	2.889-132.0	1 piece(s)	ID 35	1.5 m		1.5 m-long suction hose with new clip fastener, C-35.
<b>Complete suction hoses (clip system)</b>							
Suction hose, complete	3	4.440-982.0	1 piece(s)	ID 32	2.5 m		With dry vacuum cleaner and clip connection, and bend, C-ID 32, electrically conductive.
Suction hose, complete, replacement	4	2.889-100.0	1 piece(s)	ID 35	2.5 m		Suction hose, complete, spare parts kit. With dry vacuum cleaner and clip connection, bend, C-ID 35.
Suction hose with bend, antistatic	5	4.440-907.0	1 piece(s)	ID 32	2.5 m		With dry vacuum cleaner and clip connection, and bend, C-ID 32.
<b>Suction hoses, complete</b>							
Suction hose, complete	6	9.418-507.0	1 piece(s)	ID 32	1.5 m		Suction hose with dry vacuum cleaner and C-ID 32 connection.
<b>Suction hoses (clip system)</b>							
Suction hose	7	4.440-911.0	1 piece(s)	ID 32	2.5 m		With dry vacuum cleaner and clip connection, C-32.
	8	4.440-890.0	1 piece(s)	ID 32	2.5 m		With dry vacuum cleaner and C-32-clip connection.
<b>Extension hoses (clip system)</b>							
Extension hose	9	6.906-237.0	1 piece(s)	ID 32	2.5 m		For all C-32 and C-35 hoses.
Extension hose, electrically conductive	10	6.906-277.0	1 piece(s)	ID 32	2.5 m		For all C-32 and C-35 hoses, electrically conductive.
<b>Stretch suction hose</b>							
Stretch suction hose, CV 38/2	11	4.440-782.0	1 piece(s)	ID 32			Corrugated suction hose.
<b>Repair kits</b>							
Repair kit, C-32	12	2.639-739.0	1 piece(s)	ID 32			Suction hose repair kit (clip system).

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories and cleaning agents can be found on the following pages.



			T 15/1 ecoefficiency	T 17/1 ecoefficiency	T 12/1 ecoefficiency	T 7/1 ecoefficiency	T 15/1 + ESB 34	T 15/1 HEPA + ESB 28	T 15/1 HEPA	T 15/1	T 17/1	T 12/1	T 12/1 Hf	T 10/1 Adv	T 10/1	T 8/1 L	T 7/1 Classic	T 9/1 Bp	BV 5/1 Bp	BV 5/1	CV 48/2 Adv	CV 48/2	CV 38/2 Adv	CV 38/2
	1																	■						
	2																	■						
	3		□	□	□	□			□	□	□	□		□	□					□				
	4															■	■							
	5		■	■	■	■			■	■	■	■	■	■	■									
	6																		■					
	7		□	□	□	□	□	□	□	□	□	□		□	□				□					
	8													□					□					
	9		□	□		□	□	□	□	□	□	□		□	□				□					
	10		□	□		□	□	□	□	□	□	□		□	□				□					
	11																			■	■	■	■	
	12		□	□	□	□	□	□	□	□	□	□		□	□				□					



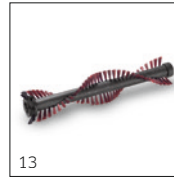
# OTHER ACCESSORIES



A plug-in power cord saves time and service costs. The cord can be replaced quickly and easily as required.

		Order No.	Quantity	Price	Description
<b>Roller brushes for Upright brush-type vacuum cleaner</b>					
Roller brush	1	8.634-050.0	1 piece(s)		Soft, black standard bristles. 2 brushes required.
Side brush	2	8.634-216.0	1 piece(s)		Side brush, black.
Roller brush	3	6.906-641.0	1 piece(s)		Soft, black standard bristles.
	4	6.906-642.0	1 piece(s)		Hard, red bristles (e.g. for needle felt).
	5	6.906-643.0	1 piece(s)		Soft, black standard bristles.
	6	6.906-644.0	1 piece(s)		Hard, red bristles (e.g. for needle felt).
	7	8.621-611.0	1 piece(s)		Black, normal (top).
	8	4.762-487.0	1 piece(s)		Roller brush for CV 38, antistatic.
	9	8.621-612.0	1 piece(s)		Black, normal (bottom).
	10	4.762-489.0	1 piece(s)		Soft, black standard bristles.
	11	4.762-488.0	1 piece(s)		Hard, red bristles (e.g. for needle felt).
<b>Roller brushes for electric broom EB 30/1</b>					
Roller brush	12	4.762-400.0	1 piece(s)		Black standard bristles, material PA.
	13	4.762-401.0	1 piece(s)		Mixed bristles (natural and synthetic bristles, red), particularly suitable for hard surfaces and parquet flooring.
<b>Rechargeable batteries + chargers</b>					
Quick charger	14	6.654-354.0 ■	1 piece(s)		The single-slot quick charger BC 1/7 is designed for high-performance lithium-ion batteries, type BP 750.
Li-Ion battery, 36 V	15	6.654-016.0 ■	1 piece(s)		High-performance lithium-ion battery BP 750 (36 V, 7.5 Ah).
Replacement battery with lithium-ion cells, 7.2 V/2.6 Ah	16	6.654-328.0	1 piece(s)		Li-ion, 7.2 V/2.6 Ah.
Universal quick charger	17	6.654-190.0	1 piece(s)		BC 1/1.8, 1-channel quick charger.
Replacement battery with lithium-ion cells, 7.2 V / 1.3 Ah	18	6.654-273.0	1 piece(s)		Li-Ion, 7.2 V / 1.3 Ah.
<b>Power cord with plug</b>					
Power cord	19	6.650-302.0	1 piece(s)		Plug-in power cord, 15 m.
	20	6.649-743.0	1 piece(s)		Plug-in power cord, 12 m.
	21	6.650-306.0	1 piece(s)		Plug-in power cord, 7.5 m.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories and cleaning agents can be found on the following pages.

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# SO THAT NO DIRT REMAINS IN THE CARPET

Carpets in offices, hotels and schools are subject to heavy traffic every day. This is where our carpet cleaners have proven invaluable. They are robust, powerful, versatile and suitable for deep and intermediate cleaning of carpets and removing stains on textile surfaces. Our carpet cleaners are also ideal for deep cleaning upholstery and car seats. And, with the right accessories, they can even be used to clean tiles.



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Deep carpet cleaners	Page	402
Intermediate carpet cleaner	Page	405
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#### The first of its kind: BRC 40/22 C

As the first deep carpet cleaner on the market, the BRC 40/22 C is capable of cleaning forwards and this obviates the need to walk back and forth during the cleaning process, which saves at least 30% time and increases productivity significantly. This is made possible by the brush head with integrated suction, which rotates 200° in both directions. The BRC 40/22 C: for deep and economical carpet cleaning.

#### How to read the unit names:

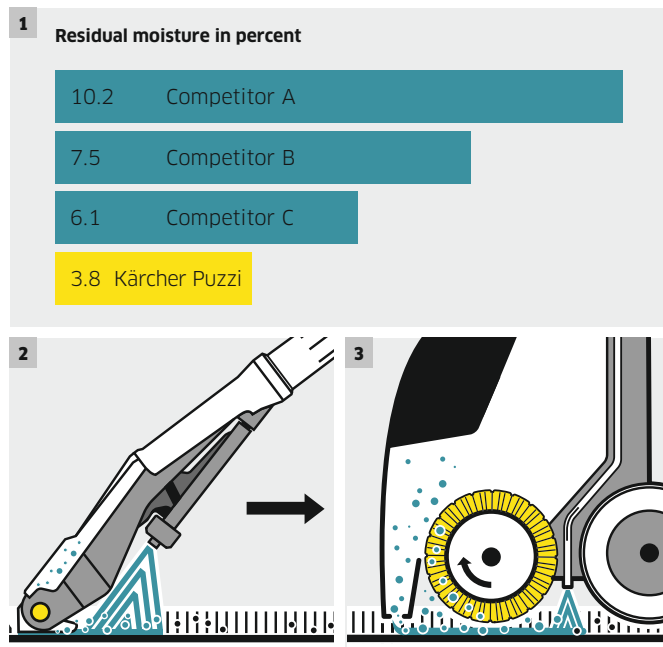
Unit type	Water tank	Spray pressure	Type and equipment
Example: <b>Puzzi</b>	<b>30</b>	<b>4</b>	
<b>Puzzi</b> = Product name	In unit names with a combination of numbers, the first number stands for the capacity of the fresh water tank (in litres).	In unit names with a combination of numbers, the second number stands for the spray pressure (in bar).	<b>Adv</b> = Advanced, machine with additional equipment <b>E</b> = Electrically heated <b>C</b> = Compact, machine with compact dimensions

Unit type	Working width	Tank volume	Type and equipment
Example: <b>BRC</b>	<b>30</b>	<b>15</b>	<b>C</b>
<b>BRC</b> = Floor cleaner with carpet roller	In unit names with a combination of numbers, the first number stands for the working width in cm.	In unit names with a combination of numbers, the second number stands for the tank volume.	<b>C</b> = Compact, machine without traction drive

Unit type	Working width	Tank volume	Type and equipment
Example: <b>BRS</b>	<b>43</b>	<b>500</b>	<b>C</b>
<b>BRS</b> = Scrubber with roller	In unit names with a combination of numbers, the first number stands for the working width in cm.	In unit names with a combination of numbers, the second number stands for the speed (rpm).	<b>C</b> = Compact, machine without traction drive



#### **1 Quick-drying**

The powerful suction turbine of Kärcher Puzzi machines leaves carpets virtually touch-dry in minutes. Carpets dry up to 63% faster than with comparable products and can be walked on in a very short time.

#### **2 The spray extraction principle**

With the spray extraction method, the water and cleaning agent are sprayed deep into the carpet while simultaneously vacuuming the dirty solution back again. Dirt is dissolved and removed in a single pass. Due to the low residual moisture, carpets are dry in next to no time.

#### **3 Thoroughly clean**

The brush mechanism of carpet cleaners with roller brush intensifies the cleaning power of the cleaning agent. This raises the carpet pile.



#### **4 Twice as versatile**

The BRC 45/45 C and BRC 40/22 C with sweeping mechanism are multifunctional all-rounders. They feature fibre-deep carpet cleaning with spray extraction, mechanical brush support and contra-rotating roller brushes for quiet operation and constant brush contact. The iCapsol RM 768 cleaning agent from Kärcher is recommended for the efficient cleaning of carpets as it greatly reduces the drying time.





#### 5 Innovative accessories

The accessories for the Puzzi come with a large number of innovations. A flexible joint enables the best possible extraction at any angle. Cleaning under objects is easy - incorrect use is prevented. The modular system allows for quick changes between floor, upholstery and crevice nozzles.



#### 6 Kärcher cleaning agents

CarpetPro Cleaner RM 760 Powder is a spray extraction deep cleaner with encapsulation technology and odour eliminator. Permanently eliminates unpleasant odours. No need for time-consuming rinsing. CarpetPro Conditioner RM 763 removes residual dirt and surfactant residues from carpets and textile surfaces. Reduces the need for rinsing. Refreshes fibres and colours.

#### 7 One for all: the handle with trigger

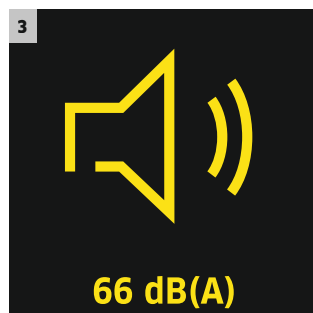
The indispensable handle with trigger fits all carpet cleaners from Puzzi 8/1 to Puzzi 30/4. Since all accessories are compatible the right accessories are available for every cleaning task and every machine.

## SPRAY EXTRACTION DEVICES – 30 LITRES



### The professional for large textile surfaces

Puzzi 30/4, the quietest wet vacuum cleaner of its kind (66 dB[A]). Its upright design provides very good handling, space-saving transport and storage. With flexible suction lip, 350 mm floor nozzle and 30% faster drying time compared with the competition thanks to a very high air flow.



#### 1 Power outlet for PW 30/1

- The integrated power outlet enables flexible use of the PW 30/1 without an additional power source.
- When not in use, the power outlet is effectively protected by an automatically closing flap.
- The PW 30/1 increases the area performance, cleans the pile with a rotating brush and aligns it in one direction.

#### 2 Removable dirty water tank

- To protect against dirt, the dirty water tank's handle is attached to the outside.
- The dirty water tank is easy to remove and can also be used to fill the fresh water tank.
- A short description on the rear of the dirty water tank explains the work process in a way that is easy to understand.

#### 3 Extremely quiet

- At just 66 dB(A), the Puzzi 30/4 is the quietest wet vacuum cleaner of its kind.
- Thanks to the low noise volume, the machine can be used everywhere, even during business hours and in hotels.
- The low noise emissions protect the operator and allow longer work intervals.

#### 4 Large tank volume

- Even with a full 30-litre fresh water tank, the Puzzi 30/4 can be easily transported lying on its back.
- An integrated level indicator display shows the operator the current fresh water level.
- The fresh water filter protects the components and can be removed without tools and cleaned.

# TECHNICAL DATA AND EQUIPMENT

## Puzzi 30/4

## Puzzi 30/4 E

- Removable dirty water tank
- Fresh water tank fill level display
- Horizontal transport possible with full fresh water tank

- Heating rods integrated in fresh water tank
- Integrated overheating-protection
- Heating can be easily operated with EASY Operation

### Technical data

Max. area performance	m <sup>2</sup> /h	60-75	60-75
Air flow	l/s	74	74
Vacuum	mbar / kPa	254 / 25.4	254 / 25.4
Spray rate	l/min	3	3
Spray pressure	bar	4	4
Tank, fresh washer	l	30	30
Tank, dirty water	l	15	15
Turbine power rating	W	1200	1200
Pump power rating	W	70	70
Voltage	V	220-240	220-240
Weight	kg	26	28
Dimensions (L × W × H)	mm	580 × 460 × 930	580 × 460 × 930

### Equipment

Spray hose with integrated water feed	m	4	4
Narrow floor nozzle, complete with flexible suction lip		-	-
Handle with trigger		■	■
Power outlet for professional power brush		PW 30/1	PW 30/1
Order No.		1.101-120.0	1.101-122.0
Price			

■ Included in delivery.

# SPRAY EXTRACTION MACHINES – 10 LITRES

## For well-maintained carpets



Puzzi 10/1 and Puzzi 10/2 Adv clean carpeted floor areas of 20 to 45 m<sup>2</sup> par excellence. The modular accessories are kept directly on the machine. The carrying handle offers a slot for the suction tube.



### 1 Perfectly suitable for everyday use.

- Adjustment of the handle without any tools; Accessory/cord fixings; quick change from floor nozzle to upholstery nozzle.
- Quickly adjusts to different requirements.

### 2 Improved cleaning performance

- With integrated connection for the PW 30/1 professional power brush.
- High cleaning performance.

## Puzzi 10/2 Adv

## Puzzi 10/1

- Defoamer dosing
- Compartment for cleaning agent tablets
- Power outlet for PW 30/1

- Removable dirty water tank
- Rubber mounted pump / turbine
- Extra handle on floor nozzle

### Technical data

Max. area performance	m <sup>2</sup> /h	30-45	20-25
Air flow	l/s	54	54
Vacuum	mbar / kPa	220 / 22	220 / 22
Spray rate	l/min	2	1
Spray pressure	bar	2	1
Tank, fresh washer	l	10	10
Tank, dirty water	l	9	9
Turbine power rating	W	1250	1250
Pump power rating	W	80	40
Voltage	V	220-240	220-240
Weight	kg	11.5	10.7
Dimensions (L × W × H)	mm	705 × 320 × 435	705 × 320 × 435

### Equipment

Spray hose with integrated water feed	m	2.5	2.5
Narrow floor nozzle, complete with flexible suction lip	■	■	■
Handle with trigger	■	■	■
Upholstery nozzle	-	■	■
Crevice nozzle	-	-	-
Power outlet for professional power brush	PW 30/1	-	-
Order No.		1.193-120.0	1.100-130.0
Price			

■ Included in delivery.

# SPRAY EXTRACTION MACHINES – 8 LITRES

## Compact and portable – perfect for valeting



DESIGNPREIS  
2009  
NOMINIERT

The handy, compact and powerful Puzzi 8/1 C spray extraction cleaner is ideal for small areas and upholstery cleaning with excellent cleaning results.



### 1 Lightweight

- At 9.8 kg, the Puzzi 8/1 C is easy to carry and 35 percent lighter than the competition. Ideal for intermediate cleaning, thanks to rapid drying.
- Easily transported, even over obstacles and stairs.

### 2 Compact construction style

- The Puzzi 8/1 C also shows its strengths when cleaning upholstery and vehicle interiors.
- Compact, space-saving design.

## Puzzi 8/1 C

- Foldable cable hook
- Large foot switch
- Accessory storage for hand nozzle

### Technical data

Max. area performance	m <sup>2</sup> /h	12–18
Air flow	l/s	61
Vacuum	mbar / kPa	236 / 23.6
Spray rate	l/min	1
Spray pressure	bar	1
Tank, fresh washer	l	8
Tank, dirty water	l	7
Turbine power rating	W	1200
Pump power rating	W	40
Voltage	V	220–240
Weight	kg	9.8
Dimensions (L × W × H)	mm	530 × 330 × 440

### Equipment

Spray hose with integrated water feed	m	2.5
Handle with trigger	■	
Upholstery nozzle	■	
Order No.		1.100-225.0
Price		

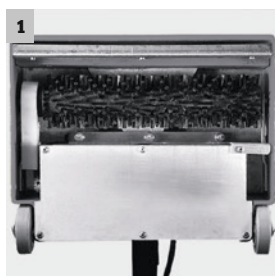
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# PROFESSIONAL POWER BRUSH

## Increase performance, reduce effort

The professional power brush increases Puzzi area performance by up to 80% – reducing cleaning time and improving cleaning results.



### 1 Rotating brushes

- Rotating brush intensifies cleaning and raises the carpet pile.

### 2 Improved cleaning performance

- The PW 30/1 professional power brush increases cleaning performance by a further 25% compared with its predecessor.

#### PW 30/1

#### PW 30/1

- Motor-driven brush
- Power brush for Puzzi 10/2 Adv

- Motor-driven brush
- Power brush for Puzzi 30/4 and Puzzi 30/4 E

#### Technical data

Max. area performance	m <sup>2</sup> /h	40–55	70–110
Brush motor power rating	W	60	60
Voltage	V	220–240	220–240
Weight	kg	5.7	5.9
Dimensions (L × W × H)	mm	350 × 260 × 835	350 × 260 × 835
Order No.		<b>1.913-102.0</b>	<b>1.913-103.0</b>
Price			

# AIR BLOWER

## The economic ventilation solution



The multi-directional AB 20 air blower dramatically speeds up the drying of floors, walls and ceilings. The axial blade technology reduces its energy requirements by up to 90% compared with the competition.



### 1 Integrated cord storage

- Practical cord storage.
- The cord is integrated directly on the machine so that it is reliably fixed during transport.

### 2 Efficient axial blade technology

- The machine's high-performance blower enables quick drying after water damage and ensures that textile surfaces can be walked on sooner.

### AB 20

### Afd

- Highly efficient air blower; very quiet
- Operation in three positions
- Extendable with Afd filter attachment

- Operates without power connection
- Standardised filter size
- Filter replacement without tools

#### Technical data

Volumetric flow	m <sup>3</sup> /h	1115	554
Cable length	m	7.6	-
Rated input power	W	102	-
Voltage	V	220-240	-
Weight	kg	11	11
Speed	rpm	1355	1370
Dimensions (L × W × H)	mm	570 × 470 × 300	640 × 510 × 300

#### Equipment

On-board cord storage	■	-
Sturdy plastic casing	■	■
Ergonomic carrying handle	■	■
Order No.	1.004-045.0	2.864-010.0
Price		

■ Included in delivery.

# DEEP CARPET CLEANER – 45 CM

## For interim or deep cleaning of larger carpeted areas



Kärcher carpet cleaners are used for basic cleaning of large carpeted areas economically and efficiently. Suitable for conventional spray extraction and interim carpet cleaning using the new detergent RM 768 iCapsol. Dirt dries within 20 minutes and crystallises. The dirt only has to be vacuumed.



### 1 Floating brush head with contra-rotating roller brushes

- Two roller brushes for high cleaning performance.
- Simultaneously cleans deep into the pile from two sides.

### 2 Working direction, forwards or backwards

- Working direction adjustable to carpet.
- Cleaning direction selectable by folding push handle.

## BRC 45/45 C

- For medium-sized areas
- Works forwards and backwards
- Two contra-rotating roller brushes with constant contact pressure

### Technical data

Area performance (deep cleaning/ iCapsol intermediate cleaning)	m <sup>2</sup> /h	350 / 1000
Air flow	l/s	45
Vacuum	mbar / kPa	300 / 30
Spray pressure, deep cleaning	bar	7
Spray rate deep, cleaning	l/min	3.2
Brush working width	mm	410
Working width, vacuuming	mm	450
Fresh/dirty water tank	l	45 / 38
Turbine power	W	1100
Brush motor power	W	600
Mains voltage	V	220-240
Frequency	Hz	50
Weight	kg	48
Dimensions (L × W × H)	mm	770 × 545 × 1250

### Equipment

Working direction	Forwards or backwards
Optional handle with trigger	■
iCapsol mode	■
Number of rollers	Quantity 2
Order No.	1.008-056.0
Price	

- Included in delivery.

## DEEP CARPET CLEANERS – 40 CM



### Deep carpet cleaning: now at least 30% faster

In contrast to other deep carpet cleaners, the very manoeuvrable BRC 40/22 C can, thanks to a rotatable brush head which ensures propulsion, also clean forwards, meaning that additional inconvenient passes can be avoided. In this way, it results in time savings of at least 30% in comparison and improves productivity to a previously unknown level.



#### 1 200° rotatable cleaning head

- A carpet roller brush supports thorough cleaning.
- Extremely easy to manoeuvre even on cluttered surfaces.

#### 2 For deep and intermediate carpet cleaning

- For both deep cleaning and intermediate cleaning applications on carpets.
- Deep cleaning of carpets with the cleaning roller supports cleaning of carpet fibres.

### BRC 40/22 C

- Forwards working direction
- Contact pressure and brush pressure can be adjusted to the degree of soiling or fibre height
- Compact, for small to medium-sized surfaces

#### Technical data

Area performance (iCapsol intermediate cleaning)	m <sup>2</sup> /h	900
Air flow	l/s	47
Vacuum	mbar / kPa	299 / 30
Spray pressure, deep cleaning	bar	7
Spray rate, deep cleaning	l/min	2.5
Brush working width	cm	40
Working width, vacuuming	cm	48
Fresh/dirty water tank	l	22 / 19
Turbine/brush motor rating	W	1119 / 400
Mains voltage	V	220-240
Frequency	Hz	50
Weight	kg	45.5
Dimensions (L × W × H)	mm	889 × 470 × 1118

#### Equipment

Working direction	Forwards
Roller brush	■
Two-tank system	■
iCapsol mode	■
Optional handle with trigger	■
Variable contact pressure	■
Number of rollers	Quantity 1
Order No.	1.008-062.0
Price	

■ Included in delivery.

# DEEP CARPET CLEANER – 30 CM



## For quick and deep cleaning of carpets

Easy to use with deep cleaning performance. Can be used with optional Kärcher upholstery and floor nozzles for deep cleaning in difficult-to-reach areas.



### 1 High cleaning performance

- Roller brush assists deep cleaning action.
- Floating roller brush for uniform cleaning performance.

### 2 Compact dimensions

- Ideal for areas between 200 and 800 m².
- Easy storage.

## BRC 30/15 C

- Compact, for small to medium-sized surfaces
- Works backwards
- 1 roller brush with constant contact pressure

### Technical data

Area performance (deep cleaning/ iCapsol intermediate cleaning)	m²/h	150 / -
Air flow	l/s	20
Vacuum	mbar / kPa	300 / 30
Spray pressure, deep cleaning	bar	3.5
Spray rate deep, cleaning	l/min	1
Brush working width	mm	270
Working width, vacuuming	mm	315
Fresh/dirty water tank	l	15 / 17
Turbine power	W	1130
Brush motor power	W	80
Mains voltage	V	220-240
Frequency	Hz	50
Weight	kg	36
Dimensions (L × W × H)	mm	920 × 360 × 750

### Equipment

Working direction	Backwards
Handle with trigger optional	■
iCapsol mode	-
Number of rollers	Quantity 1
Order No.	1.008-057.0
Price	

■ Included in delivery.

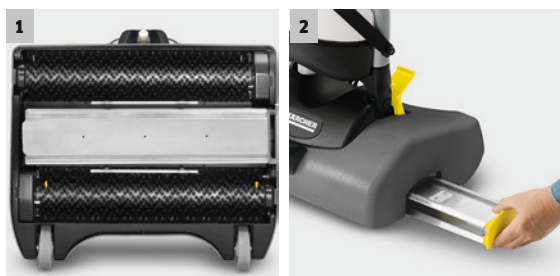


# INTERMEDIATE CARPET CLEANER



## For interim carpet cleaning

Intermediate carpet cleaners remove dirt while also breathing new life into carpets, which can be walked on again after approx. 20 minutes. Area performance: up to 300 m<sup>2</sup>/h.



### 1 2 contra-rotating rollers

- High cleaning performance due to high contact pressure.
- Simultaneously cleans deep into the pile from two sides and aligns in one direction.

### 2 2 in 1

- Fibre-cleaning and sweeping in a single operation.
- Includes waste container.

## BRS 43/500 C

- On-board iCapsol tank
- Counter-rotating rollers ensure machine does not wander
- With sweeping mechanism

### Technical data

Area performance (iCapsol intermediate cleaning)	m <sup>2</sup> /h	300
Spray pressure, intermediate cleaning	bar	3.4
Spray rate, intermediate cleaning	l/min	0.38
Brush working width	mm	430
Fresh water tank capacity	l	7.5
Brush motor power	W	370
Mains voltage	V	220-240
Frequency	Hz	50
Weight	kg	25
Dimensions (L × W × H)	mm	400 × 460 × 1160

### Equipment

Working direction	Forwards or backwards
Handle with trigger	-
iCapsol mode	■
On-board iCapsol tank	■
Number of rollers	Quantity 2
Battery and charger included	-

Order No. 1.006-671.0

Price

■ Included in delivery.

## FOR MORE APPLICATION OPTIONS

Using the right accessories utilises the full power of our spray extraction cleaners. For example, the professional power brush PW 30/1 makes every spray extraction cleaner suitable for cleaning large areas. Open up new areas of application with the right accessories. Whether floors, walls or ceilings: cleaning is much easier with our machines and accessories.



### Table of contents: Carpet cleaner accessories

Accessories	Page 408
Cleaning agents	Page 772



### 1 Carpet cleaning

Thanks to the optimal suction angle, the innovative and flexible squeegee always ensures perfect cleaning results. Even under sofas, cabinets, etc. – irrespective of the operator's height – thorough, immaculate carpet cleaning is always possible. Thanks to the outstanding extraction capability of the machines, carpets are dry in next to no time. The modular system enables fast conversion to other working widths, hard surface adaptors or nozzles. The additional handle on the tube can be adjusted without tools. The operator can see the flow of dirty water through the additional transparent section in the handle with trigger.

### 2 Left or right-hand use

With our unique handle with trigger for spray extraction cleaners, every operator can clean ergonomically and comfortably – regardless of their height and whether they are right or left-handed. The new design with large transparent section allows a continuous view of the flow of dirty water.

### 3 Cleaning in vehicles

The upholstery nozzle enables deep cleaning of upholstery and car interiors. The practical crevice nozzle with integrated spray nozzle is ideal for narrow and inaccessible areas. The upholstery and crevice nozzles can be exchanged in a matter of seconds without tools.

# CARPET CLEANER ACCESSORIES



The new, modular accessories are well thought out in every detail. They offer, for example, a movable joint for better ergonomics, guaranteeing optimal vacuuming in every angle position.

		Order No.	Quantity	ID	Width	Length	Price	Description
<b>Spray/suction hoses</b>								
Spray/suction hose, 4 m	1	6.394-874.0	1 piece(s)	DN 32		4 m		Standard spray/suction hose.
Spray/suction hose, 2.5 m	2	6.394-826.0	1 piece(s)	DN 32		2.5 m		
Spray/suction hose, 4 m	3	6.394-375.0	1 piece(s)	DN 32		4 m		Optional spray/suction hose, 4 m.
<b>Floor tools</b>								
Sturdy floor nozzle, 300 mm	4	8.600-060.0						Sturdy metal floor nozzle (300 mm) for working at up to 14 bar, including 1 spray nozzle.
Flexible floor nozzle, 240 mm, complete	5	4.130-007.0	1 piece(s)	DN 32	240 mm			Kit consisting of floor nozzle (240 mm), suction pipe and D-handle. Transparent sight glass for checking the vacuumed dirty water. Flexible squeegee.
Flexible floor tool, 240 mm, single	6	4.130-008.0	1 piece(s)	DN 32	240 mm			Floor nozzle (240 mm), individual. Transparent sight glass for checking the vacuumed dirty water. Flexible suction bar. Included in kit 4.130-007.0.
Flexible floor nozzle, 350 mm, complete	7	4.130-011.0	1 piece(s)	DN 32	350 mm			Kit consisting of floor nozzle (350 mm), suction pipe and D-handle. Transparent sight glass for checking the vacuumed dirty water. Flexible squeegee.
Flexible floor nozzle, 350 mm, individual	8	4.130-009.0	1 piece(s)	DN 32	350 mm			Floor nozzle (350 mm), individual. Transparent sight glass for checking the vacuumed dirty water. Flexible squeegee. Included in kit 4.130-011.0.
Roller brush PW 30/1	9	6.286-569.0	1 piece(s)		285 mm			Standard bristles for PW 30/1 professional washing head.
<b>Hard surface adapters</b>								
Hard floor rubber adapter, small 240 mm	10	4.762-014.0	1 piece(s)		240 mm			Hard surface adapter for floor nozzle, 240 mm.
Hard floor rubber adapter, large 350 mm	11	4.762-017.0	1 piece(s)		350 mm			Hard surface adapter for floor nozzle, 350 mm.
<b>Upholstery tools</b>								
Upholstery tool	12	4.130-001.0	1 piece(s)	DN 32	110 mm			Upholstery nozzle, 110 mm.
<b>Other</b>								
Handle	13	4.130-000.0	1 piece(s)	DN 32				Enables quick change of floor, upholstery and crevice nozzles. With sight glass for checking the vacuumed dirty water. Adapters for spray and suction hose.
Extension tube	14	4.025-004.0	1 piece(s)	DN 32	780 mm			Extension tube, individual.
D-handle	15	4.321-001.0	1 piece(s)					D-handle, individual, for extension tube 4.025-004.0. Adjustable without tools.
Cleaning agent tank, individual	16	5.070-010.0	1 piece(s)					For attaching to Home Base adapter.
Defoamer agent tank	17	4.006-907.0	1 piece(s)	DN 32				Container for defoamer solution.
Cleaning agent container, complete	18	4.070-006.0	1 piece(s)					Kit consisting of cleaning agent container and Home Base adapter. For connecting Home Base Rail.
Crevice nozzle	19	4.130-010.0	1 piece(s)	DN 32				Crevice nozzle for spray extraction cleaners.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



			Puzzi 30/4 / Puzzi 30/4 E	Puzzi 10/2 Adv	Puzzi 10/1	Puzzi 8/1 C	PW 30/1 / PW 30/1
	1		■				
	2			■	■	■	
	3			□	□	□	
	4						
	5		□	■	■	□	
	6		□	■	■	□	
	7		■				
	8		■				
	9						■
	10		□	□	□	□	
	11		□				
	12		□	□	■	■	
	13		■	■	■	■	
	14		■	■	■	□	
	15		■	■	■	□	
	16		■	□	□		
	17		□		□	□	
	18		□				
	19		□	□	□	□	



# CARPET CLEANER ACCESSORIES



The hand and floor nozzle accessories are the perfect complement to your carpet cleaning machines BRC 45/45 C, BRC 40/22 C or BRC 30/15 C. These accessories can be used to extend the fields of application of the BRC and also clean delicate upholstery and hard-to-reach, cluttered carpets gently and thoroughly, just as with the economical spray extraction cleaner on medium to very large carpeted areas.

		Order No.	Quantity	ID	Width	Length	Price	Description
<b>Spray/suction hoses</b>								
Spray/suction hose, 4 m	1	4.440-644.0	1 piece(s)	DN 38	4 m			Complete, metal coupling.
<b>Floor tools</b>								
Floor tool, ID 38, 330 mm	2	4.130-061.0	1 piece(s)	DN 38	330 mm			Three nozzles, extended, high-pressure 1–14 bar.
<b>Upholstery tools</b>								
Hand nozzle	3	4.130-163.0	1 piece(s)	DN 38	110 mm			Stainless steel with transparent nozzle, ID 38. For cleaning upholstery or small surfaces that cannot be reached with the floor nozzle.
<b>Roller brushes</b>								
Roller brush	4	8.640-259.0	1 piece(s)			430 mm		Standard, 2 required.
	5	8.629-774.0	1 piece(s)			430 mm		For wool.
	6	8.621-604.0	1 piece(s)			300 mm		Standard, black, suitable for all types of carpets.
	7	8.621-605.0	1 piece(s)			450 mm		Standard, black, 2 required.
	8	8.629-552.0	1 piece(s)			450 mm		Soft, 2 required. For hard carpets such as needle felt or short loop-pile carpets.
	9	4.762-254.0	1 piece(s)			400 mm		Carpet brush for loop-pile carpets.
	10	4.762-000.0	1 piece(s)			400 mm		Carpet brush for velour.
<b>Other accessories</b>								
Adapter	11	8.631-030.0	1 piece(s)					For floor tool 4.130-061.0 and handle with trigger 4.130-163.0.
<b>Miscellaneous</b>								
Filling hose	12	6.680-124.0	1 piece(s)			1.5 m		Hose for convenient fresh water filling from all standard taps.
Extension cable	13	6.647-022.0	1 piece(s)			20 m		20 m.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



			BRC 45/45 C	BRC 40/22 C	BRC 30/15 C	BRS 43/500 C
	1		<input type="checkbox"/>	<input type="checkbox"/>		
	2		<input type="checkbox"/>	<input type="checkbox"/>		
	3		<input type="checkbox"/>	<input type="checkbox"/>		
	4					■
	5				<input type="checkbox"/>	
	6				■	
	7		■			
	8		<input type="checkbox"/>			
	9			<input type="checkbox"/>		
	10			■		
	11		■		■	
	12			<input type="checkbox"/>		
	13			<input type="checkbox"/>		

## HOT AND TOUGH ON DIRT

Our professional steam cleaners and steam vacuum cleaners prove that steam is more than just hot air. For cleaning reliably without the use of chemicals, these machines are efficient and hygienic. Steam cleaners and steam vacuum cleaners are used in wet and hygiene areas, on all hard floors, glass and tiled surfaces, as well as fittings and, with the right accessories, textile surfaces.

**Table of contents: Steam cleaners/Steam vacuum cleaners**

Steam vacuum cleaners	Page 414
Steam cleaners	Page 416
Accessories	Page 418



### 1 Compact and economical

The SG 4/4 steam cleaner from Kärcher combines the benefits of compact dimensions with outstanding performance. The machine works with 4 bar steam pressure and ensures particularly efficient cleaning. The wide range of accessories makes the steam cleaner a versatile all-rounder. The two-tank system reduces heat-up times for uninterrupted use. With a total filling capacity of 4 litres, the SG 4/4 is designed for long work intervals. In addition to cleaning hard surfaces, the machine is perfect for cleaning textile surfaces without chemicals when used in combination with the appropriate accessories. Thanks to the VapoHydro function, steam flow and saturation can be perfectly adapted to the particular surface.



### 2 Cleaning with full steam

Whether on hard floors, stainless steel surfaces, fittings, glass surfaces, kitchen appliances or industrial systems – when it comes to removing stubborn dirt hygienically and effectively, the SGV 8/5 steam vacuum cleaner is the perfect solution. With its eco!efficiency mode, the machine breaks new ground when it comes to sustainability and impresses through quiet and energy-saving operation. In many cases, first-class cleaning results can be achieved even without cleaning agent. The innovative self-cleaning function reliably removes deposits in the machine and extends the service life.

#### How to read the unit names:

Unit type	Steam pressure	Tank capacity
Example: <b>SGV</b>	<b>8</b>	<b>5</b>
<b>SGV</b> = Steam Generator Vac, steam vacuum cleaner <b>SG</b> = Steam Generator, steam cleaner	In unit names with a combination of figures, for steam vacuum cleaners and steam cleaners the first number stands for the steam pressure (in bar).	In unit names with a combination of figures, for steam vacuum cleaners and steam cleaners the second number stands for the tank capacity (in litres).

# STEAM VACUUM CLEANERS



## Hygiene, non-stop

They are steam cleaners and wet and dry vacuum cleaners in one, with an EASY Operation switch, secure accessory integration and a hand tool for controlling the steam / vacuum function. With the chemical and self-cleaning functions, the SGV 8/5 provides very hygienic results.



### 1 Extremely user-friendly thanks to EASY Operation

- One rotary switch for all functions. Simple and quick handling, with no need for extensive training.
- Self-explanatory symbols make the machine easy to understand and simplify operation.

### 2 Handle with trigger for convenient function control

- Time-saving, flexible, easy and direct control of functions during use.
- The most important functions, like water/steam regulation, can be adjusted and there is an on/off switch for the vacuum function.
- Easily accessible and securely stored. A carrying frame allows easy removal of the nozzle accessories.

### 3 Programmes for every application (SGV 8/5)

- Self-cleaning mode: cleaning of hose, pumps and tubes. For restoring hygienic cleanliness.
- Chemical function for solvating stubborn dirt with chemical agents (rinse programme protects against aerosols).
- Power reduction, noise reduction, energy and cost savings thanks to eco!efficiency mode.

### 4 Cleaning without chemicals

- Hygienic cleaning of hard surfaces without the use of chemical substances.
- Dispensing with the use of chemicals protects the environment and saves costs.
- Easy removal and disposal of dirty water without direct contact.



# TECHNICAL DATA AND EQUIPMENT

## SGV 8/5

## SGV 6/5

- EASY Operation switch
- Self-cleaning function
- Chemical function

- EASY Operation switch
- Convenient operation using the hand tool
- VapoHydro function

### Technical data

Voltage	V	220-240	220-240
Heating output	W	3000	3000
Tank capacity	l	5	5
Cable length	m	7.5	7.5
Steam pressure	bar	8	6
Weight excluding accessories	kg	40	39
Dimensions (L × W × H)	mm	640 × 495 × 965	640 × 495 × 965

### Equipment

Steam suction hose with handle	■	■
Steam tubes × 2	■	■
Floor nozzle	■	■
Hand nozzle	■	■
Order No.	1.092-010.0	1.092-000.0
Price		

■ Included in delivery.

# STEAM CLEANERS



## Compact powerhouse

User-friendly SG 4/4 steam cleaner with sophisticated filling technology, infinite adjustment of steam pressure and saturation (VapoHydro), two-tank system, accessory holder and storage compartment. Very handy and compact.



### 1 Two-tank system

- The fresh water tank can be continually filled, as the boiler and tank are separate.
- Because only part of the overall volume is heated at any one time, it takes very little time for a consistent steam pattern to form.
- With a total volume of over 4 litres, the SG 4/4 can be used for long periods without refilling.



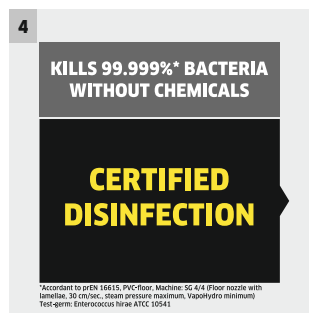
### 2 VapoHydro

- Thanks to VapoHydro, the steam level can be infinitely adjusted to the cleaning task.
- In addition to the steam pressure, the saturation can be infinitely adjusted from full steam to hot water.
- With the hot water jet, even stubborn dirt can be effectively dissolved from the start.



### 3 Accessory storage compartment

- The integrated storage compartment enables the storage of a variety of accessories.
- Special small parts are always safely stored and do not get lost.
- Even the tubes can be stored on the rear of the unit.



### 4 Hygienic cleaning

- Hygienic cleaning without the use of chemical substances.
- The avoidance of aggressive cleaning agents protects the operator and the surfaces treated.
- Only water is used for cleaning - health- and cost-effective.

# TECHNICAL DATA AND EQUIPMENT

## SG 4/4

- Two-tank system
- Short heat-up time
- Pump for hot boiler filling

### Technical data

Voltage	V	220-240
Heating capacity	W	2300
Tank capacity	l	4
Cable length	m	7.5
Steam pressure	bar	4
Weight without accessories	kg	8
Dimensions (L × W × H)	mm	475 × 320 × 275

### Equipment

Steam hose with handle	■
Two steam tubes	■
Floor nozzle	■
Round brush	■
Upholstery nozzle with brush	■
Order No.	1.092-104.0
Price	

■ Included in delivery.

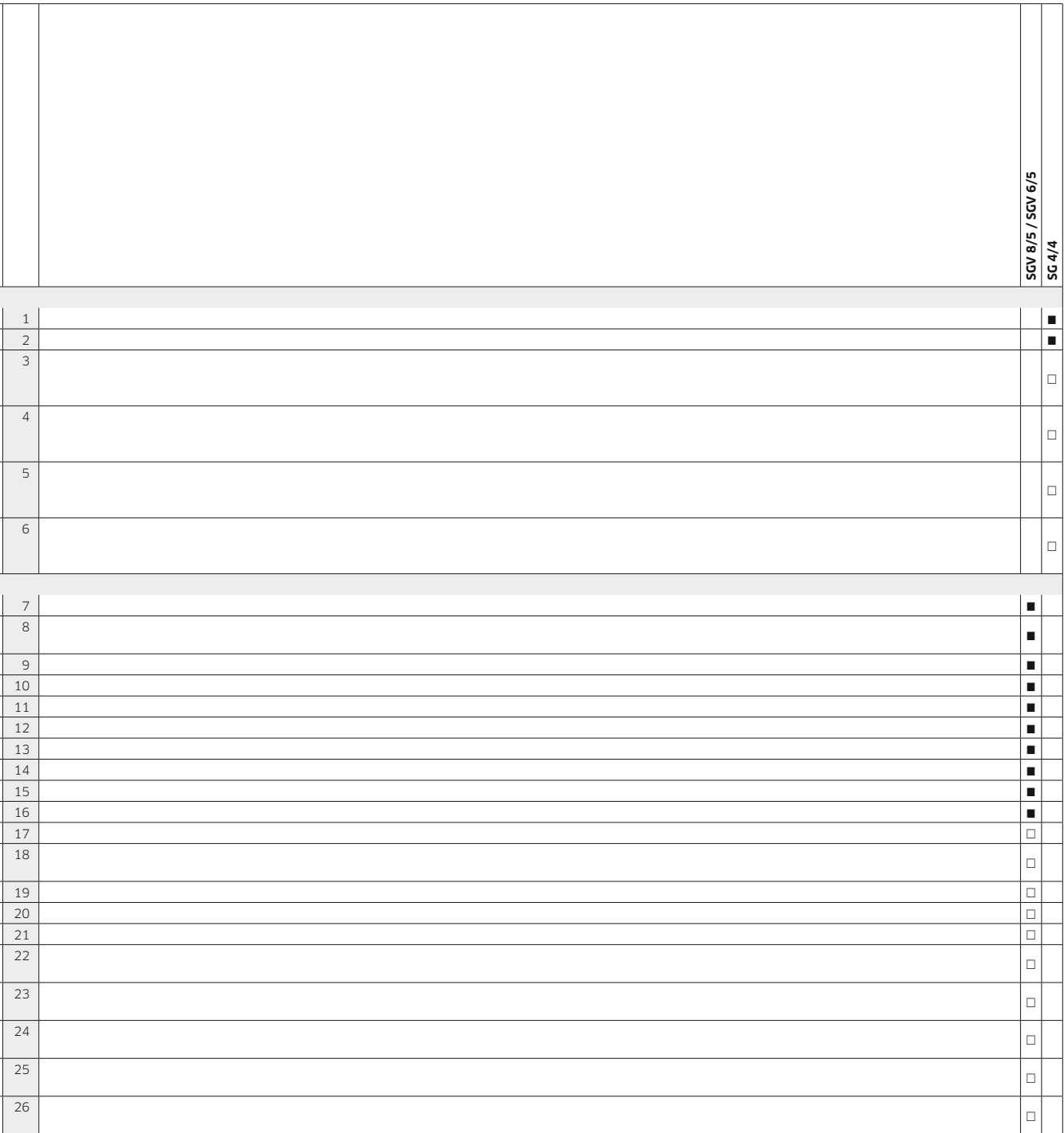
# STEAM CLEANER/STEAM VACUUM CLEANER ACCESSORIES



The extensive accessory range makes Kärcher's steam cleaners and steam vacuum cleaners versatile, multitasking machines. In addition to hard surfaces, with the right accessories textile surfaces can also be optimally cleaned.

		Order No.	Quantity	Price	Description
<b>Cloth kit</b>					
Terry cloth rags, wide	1	6.369-481.0	5 piece(s)		Lint-free, absorbent and hard-wearing. 5 extra-wide high-quality cotton floor cloths.
Terry cloth cover	2	6.370-990.0	5 piece(s)		Cloth kit with five high-quality cotton covers for the hand nozzle.
Microfibre cloth kit for bathrooms	3	2.863-171.0	4 piece(s)		2 special microfibre floor cloths, 1 microfibre abrasive cloth for removing stubborn limescale and soap residue, and 1 microfibre polishing cloth for polishing mirrors and other smooth surfaces – for optimal application of the steam cleaner in bathrooms.
Microfibre cloth kit for kitchens	4	2.863-172.0	4 piece(s)		2 special microfibre floor cloths, 1 soft microfibre cover for the hand nozzle for loosening stubborn dirt, e.g. on hobs. 1 microfibre stainless steel cloth for perfect cleaning of all stainless steel surfaces – for optimal application of the steam cleaner in kitchens.
Microfibre cloth kit for Classic and Comfort floor nozzles	5	2.863-173.0	2 piece(s)		2 microfibre floor cloths for the Classic and Comfort floor nozzles for easier dirt removal and pick-up. For easy floor cleaning and brilliant results on flooring such as tiles, natural stone, linoleum and PVC.
Microfibre cloth kit, cover	6	2.863-174.0	2 piece(s)		2 microfibre covers for the hand nozzle. For even better loosening and intake of dirt and grease. Ideal for particularly heavy and stubborn dirt in bathrooms and kitchens. Effortlessly removes even stubborn stains on hobs.
<b>Steam cleaners</b>					
Round brush set	7	2.863-011.0	3 piece(s)		Set consisting of stainless steel, brass and Pekalon round brushes.
Floor nozzle, 300 mm, with Pekalon brushes	8	2.889-005.0	1 piece(s)		Floor nozzle for steam and vacuuming applications.
Rubber strip, 300 mm	9	2.889-007.0	1 piece(s)		Rubber strip for floor nozzle 2.889-005.0.
Hand nozzle, 150 mm	10	2.889-008.0	1 piece(s)		Hand nozzle for steam and vacuuming applications.
Brush strips, 150 mm	11	2.889-009.0	1 piece(s)		Brush strips for hand nozzle 2.889-008.0.
Rubber strip, 150 mm	12	2.889-010.0	1 piece(s)		Rubber strip for hand nozzle 2.889-008.0.
Adapter	13	2.889-011.0	1 piece(s)		Adapter for accessories.
Crevice nozzle	14	2.889-028.0	1 piece(s)		Crevice nozzle, 200 mm.
Extension piece adapter	15	2.889-052.0	1 piece(s)		Adapter for attaching round brushes.
Steam suction hose	16	4.440-009.0	1 piece(s)		Steam suction hose for steam and vacuuming applications, length 4 m.
Triangular floor nozzle	17	2.889-053.0	1 piece(s)		Triangular floor nozzle for cleaning corners.
Suction hose	18	2.889-127.0	1 piece(s)		Suction hose (1 m) for easier cleaning of corners and other tight spaces with our SGV steam vacuum cleaners. And of course, compatible with hand nozzles and accessories.
Stainless steel round brush set	19	2.863-007.0	3 piece(s)		Very hard bristles.
Brass round brush set	20	2.863-008.0	3 piece(s)		Hard bristles.
Pekalon round brush set	21	2.863-009.0	3 piece(s)		Medium-hard bristles.
Stainless steel round brush	22	6.907-539.0	1 piece(s)		Round brush with very hard stainless steel bristles and metal thread.
Pekalon round brush	23	6.907-540.0	1 piece(s)		Round brush with medium-hard Pekalon (PEK) bristles and metal thread.
Brass round brush	24	6.907-541.0	1 piece(s)		Round brush with hard brass bristles and metal thread.
Round brush, black, Pekalon	25	6.907-439.0	1 piece(s)		Black round brush with medium-hard Pekalon (PEK) bristles for Kärcher SGV 6/5 and SGV 8/5 steam vacuum cleaners.
Round brush, blue, Pekalon	26	6.907-587.0	1 piece(s)		Blue round brush with medium-hard Pekalon (PEK) bristles for Kärcher SGV 6/5 and SGV 8/5 steam vacuum cleaners.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.





		Order No.	Quantity	Price	Description
Round brush, green, Pekalon	27	6.907-588.0 ■	1 piece(s)		Green round brush with medium-hard Pekalon (PEK) bristles for Kärcher SGV 6/5 and SGV 8/5 steam vacuum cleaners.
Round brush, yellow, Pekalon	28	6.907-589.0 ■	1 piece(s)		Yellow round brush with medium-hard Pekalon (PEK) bristles for Kärcher SGV 6/5 and SGV 8/5 steam vacuum cleaners.
Round brush, red, Pekalon	29	6.907-590.0 ■	1 piece(s)		Red round brush with medium-hard Pekalon (PEK) bristles for Kärcher SGV 6/5 and SGV 8/5 steam vacuum cleaners.
Funnel	30	4.013-030.0	1 piece(s)		Filling funnel with integrated sieve, for easy and secure filling of the water tank.
Extension tube	31	4.127-024.0	2 piece(s)		Two plug-in tubes for convenient floor cleaning.
Steam hose	32	4.322-020.0	1 piece(s)		Connection hose with handle and switch, length 2.5 m.
Floor nozzle	33	6.906-185.0	1 piece(s)		Floor nozzle with additional bristles for removing stubborn dirt. Can be used with or without floor cleaning cloth.
Trolley	34	6.962-239.0	1 piece(s)		Metal, chrome-plated, with storage tray.
Filling funnel	35	6.962-097.0	1 piece(s)		Funnel inlet with integrated sieve, for easy and secure filling of the water tank.
<b>Extension tube, metal</b>					
Extension tube set	36	2.889-004.0	2 piece(s)		The kit contains two steam suction tubes.
<b>Nozzles</b>					
Power nozzle and extension	37	2.884-282.0	2 piece(s)		Power nozzle with extension considerably increases the cleaning power of the point jet nozzle. Ideal for easy and eco-friendly cleaning of hard-to-reach areas, e.g. corners.
Hand nozzle	38	2.884-280.0	1 piece(s)		Hand nozzle with extra bristles for cleaning small surfaces such as shower cabins, wall tiles and much more. Suitable for use with or without cover.
Detail nozzle	39	2.884-281.0	1 piece(s)		Point jet nozzle, ideal for cleaning in crevices, corners, edges and other hard-to-reach areas. Can be used in combination with round brush for greater versatility.
Floor tool	40	2.885-142.0	1 piece(s)		The innovative floor nozzle now promises even better cleaning performance – thanks to optimised steam utilisation and a larger cleaning surface. For use with all available floor cleaning cloths.
Window nozzle	41	2.863-025.0	1 piece(s)		Streak-free cleaning of glass surfaces can easily be achieved by using the window nozzle with the steam cleaner. This not only extends the range of applications for Kärcher steam cleaners, but also ensures sparkling clean windows and mirrors.
Rubber squeegee for window tool	42	6.273-140.0	1 piece(s)		Rubber squeegee for the steam cleaner window nozzle.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



STEAM CLEANERS /  
STEAM VACUUM  
CLEANERS

# PROGRAMMED TO GLEAM

Our scrubber driers are indispensable assets for professional cleaning companies. They are ideal for flawless cleaning and care of both hard and elastic surfaces, including deep cleaning, maintenance care and polishing. Flawless on flat surfaces and on the edges. And if there is an indispensable result for you, it is that floors are always perfectly cleaned and maintained – hygienically and to a shine.



**Table of contents: Scrubber/Scrubber driers**

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Ride-on scrubber driers	Page	428
Step-on scrubber driers	Page	452
Walk-behind scrubber driers	Page	458
Accessories	Page	498
Cleaning agents, care agents and disinfection	Page	782

**B 300 R I**

Robust combined scrubber drier/vacuum sweeper for time-saving cleaning in a single step. Easy handling, high productivity.

**BD 50/70 R Classic**

This manoeuvrable, compact ride-on scrubber drier is a clever alternative to the walk-behind machines that are normally used in this area.








**BR 45/22 C Bp Pack**

Lightweight, compact and very agile: battery-powered scrubber drier with a large working width and long runtime. With rotatable roller brush head.

**How to read the unit names:**

Unit type	Working width	Volume/speed	Type and equipment	Configuration options
Example: BR	35	12	C	
<b>B</b> = Body unit without brush head or different working widths to choose from <b>BR</b> = Scrubber drier with roller <b>BD</b> = Scrubber drier with disc <b>BRS</b> = Scrubber with roller <b>BDS</b> = Scrubber with disc <b>BDP</b> = Polishing machine with disc	In unit names with a combination of figures, the first figure stands for the working width (in centimetres).	For scrubber driers, the second figure stands for the volume of the fresh/dirty water tank (in litres). For scrubbers and polishing machines, the second figure stands for the speed (rpm).	<b>C</b> = Compact, machines without traction drive <b>W</b> = Walk-behind, machines with traction drive <b>R</b> = Ride-on machines <b>RS</b> = Ride-on/Step-on machines <b>I</b> = Industry  <b>Abbreviations for brush heads:</b> <b>R</b> = Roller head <b>D</b> = Disc head <b>S</b> = Square cleaning head with circular vibrating motion	<b>Bp</b> = Battery operation <b>Ep</b> = Mains operation (with cord connection) <b>Bc</b> = Battery operation (incl. battery charger) <b>Pack</b> = Package (battery and battery charger included in delivery) <b>Esc</b> = For escalator cleaning <b>FACT</b> = 3 preset cleaning programmes <b>Dose</b> = Cleaning agent dosing unit

## OVERVIEW OF KÄRCHER FLOOR CLEANING MACHINES

		Price	Order No.	Working width of brushes (mm)	Vacuuming working width (mm)	Theoretical area performance according to VDMA 24441 (m²/h)	Fresh/dirty water tank (l)	Traction drive via motor (W)	Variable contact pressure	Sweeping function	Includes battery and battery charger	Dose cleaning agent dosing unit	Page
	<b>Ride-on scrubber driers</b>												
	B 300 R I	■	1.480-235.2	1045 / 1755	1440	10450-17550	300 / 300	25000 39000	■	■	-	-	431
	B 250 R I	■	1.480-231.2	1000 / 1200	1160 / 1400	8000-9600	250 / 250	2000	■	■	□	□	435
	B 250 R	■	1.480-231.2	1000 / 1200	1160 / 1400	8000-9600	250 / 250	2000	■	■ <sup>1)</sup>	□	□	435
	B 200 R	■	1.246-200.2	750 / 900	940 / 1060	4500-5400	200 / 200	600	■	■ <sup>1)</sup>	□	□	439
	B 150 R Adv		1.246-020.2	750 / 900	940 / 1060	7500-9000	150 / 150	1400	■	■ <sup>1)</sup>	□	□	442
	B 150 R		1.246-020.2	750 / 900	940 / 1060	4500-5400	150 / 150	600	■	■ <sup>1)</sup>	□	□	443
	B 90 R Configured		1.161-000.2	550-750	850 / 940	3300-4500	90 / 90	600	■	■ <sup>1)</sup>	□	□	444
	B 90 R Adv Dose Bp   Pack		1.161-310.0   -311.0	550-750	850 / 940	3300-4500	90 / 90	600	■	■ <sup>1)</sup>	-   ■	■	449
	B 90 R Adv Bp   Pack		1.161-308.0   -309.0	550-750	850 / 940	3300-4500	90 / 90	600	■	■ <sup>1)</sup>	-   ■	-	449
	B 90 R Classic Bp   Pack		1.161-306.0   -307.0	550-750	850 / 940	3300-4500	90 / 90	600	-	■ <sup>1)</sup>	-   ■	-	449
	BD 50/70 R Bp Pack Classic	■	1.161-071.0	510	850	2500	70 / 75	300	-	-	■	-	451
	BD 50/70 R Bp Classic	■	1.161-070.0	510	850	2500	70 / 75	300	-	-	-	-	451
	<b>Step-on scrubber driers</b>												
	B 95 RS		1.006-200.2	650 / 750	940	2600-3000	95 / 95	600	■	■ <sup>1)</sup>	□	□	455
	BD 50/40 RS Bp   Pack		1.533-170.0   -171.0	508	691	2200	40 / 40	157	-	-	-   ■	-	457
	BR 55/40 RS Bp   Pack		1.533-172.0   -173.0	550	716	2350	40 / 40	157	-	■	-   ■	-	456
	<b>Walk-behind scrubber driers</b>												
	B 120 W		1.005-100.2	750 / 900	940 / 1160	3000-3600	120 / 120	400	■	■ <sup>1)</sup>	□	□	461
	B 80 W Bp		1.259-010.2	650 / 750	850 / 940	2200-3000	80 / 80	400	■	■ <sup>1)</sup>	□	□	465
	B 60 W Bp		1.384-020.2	550 / 650	850 / 940	2200-2600	60 / 60	300	■   -	■ <sup>1)</sup>	□   -	□   -	469
	B 60 C Bp Classic		1.384-020.2	510 / 550	850	2040-2200	60 / 60	-	-	■ <sup>1)</sup>	-	-	468
	B 60 W Ep		1.384-020.2	510 / 550	850	2040-2200	60 / 60	-	■	■ <sup>1)</sup>	-	-	469
	B 40 W Bp		1.533-210.2	430 / 550	850	1700-2200	40 / 40	130	-	■ <sup>1)</sup>	□	□	472
	B 40 C Bp   Classic		1.533-210.2	430 / 550	850	1700-2200	40 / 40	-	-	■ <sup>1)</sup>	□   -	□   -	473
	B 40 C Ep		1.533-210.2	430 / 550	850	1700-2200	40 / 40	-	-	■ <sup>1)</sup>	-	-	473
	<b>Compact scrubber driers</b>												
	BD 50/50 C Bp Classic   BD 50/50 C Bp Pack Classic		1.127-001.0 / -006.0	510	850	2040	50 / 50	-	-	-	-   ■	-	475
	BD 50/60 C Ep Classic		1.127-002.0	510	850	2040	60 / 60	-	-	-	-	-	475
	BR 45/22 C Bp Pack	■	1.783-460.0	450	770	1600	22 / 22	-	-	-	■	-	479
	BD 43/25 C Bp   Bp Pack		1.515-400.0 / -403.0	430	850	1720	25 / 25	-	-	-	-   ■	-	477
	BD 43/35 C Ep		1.515-401.0	430	850	1720	35 / 35	-	-	-	-	-	477
	BD 38/12 C Bp Pack		1.783-430.0	380	480	1500	12 / 12	-	-	-	■	-	480
	BR 35/12 C Bp Pack		1.783-450.0	350	450	1400	12 / 12	-	■	■	■	-	481
	BR 40/10 C I Adv		1.783-316.0	400	400	400	10 / 10	-	■	-	-	-	482
	BR 40/10 C Adv		1.783-311.0	400	400	400	10 / 10	-	■	-	-	-	482
	BR 30/4 C Bp Pack	■	1.783-225.0	300	300	200	4 / 4	-	-	-	■	-	483
	BR 30/4 C Adv		1.783-213.0	300	300	200	4 / 4	-	-	-	-	-	483
	BR 30/4 C   MF		1.783-220.0   -223.0	300	300	200	4 / 4	-	-	-	-	-	483
	BD 30/4 C Bp Pack	■	1.783-230.0	300	325	900	4 / 4	-	-	-	■	-	485
	<b>Mopvac</b>												
	B 60/10 C	■	1.006-711.0	600	600	2400	10 / 10	-	-	-	-	-	487
	<b>Scrubber</b>												
	BRS 40/1000 C		1.783-330.0	400	-	450	10	-	-	-	-	-	488
	<b>Single-disc machines</b>												
	BDS 51/180 C		1.291-229.0	508	-	-	10	-	-	-	-	-	491
	BDS 43/180 C		1.291-228.0	430	-	-	10	-	-	-	-	-	491
	BDS 51/180 C Adv		1.291-227.0	508	-	-	10	-	-	-	-	-	491
	BDS 43/180 C Adv		1.291-226.0	430	-	-	10	-	-	-	-	-	491
	BDS 33/180 C Adv		1.291-220.0	330	-	-	8	-	-	-	-	-	491
	BDS 43/Duo C I Adv	■	1.291-241.0	430	-	-	10	-	-	-	-	-	491
	BDS 43/Duo C Adv		1.291-223.0	430	-	-	10	-	-	-	-	-	491
	BDP 43/450 C Adv		1.291-225.0	430	-	-	-	-	-	-	-	-	491
	<b>Staircase/escalator cleaners</b>												
	BR 47/35 Esc		1.310-109.0	470	470	-	35 / 35	-	-	-	-	-	492
	BR 45/10 Esc		1.310-121.0	450	450	-	-	-	-	-	-	-	493
	BD 17/5 C		1.737-105.0	170 / 200	-	-	-	-	-	-	-	-	495
	<b>Polishing machines</b>												
	BDP 50/2000 RS Bp Pack		1.002-039.0	508	530	1780	-	155	-	-	■	-	496
	BDP 50/2000 RS Bp		1.002-041.0	508	530	1780	-	155	-	-	-	-	496
	BDP 50/1500 C		1.291-141.0	508	560	900	-	-	-	-	-	-	497

■ NEW ■ Included in delivery. □ Optional accessories.

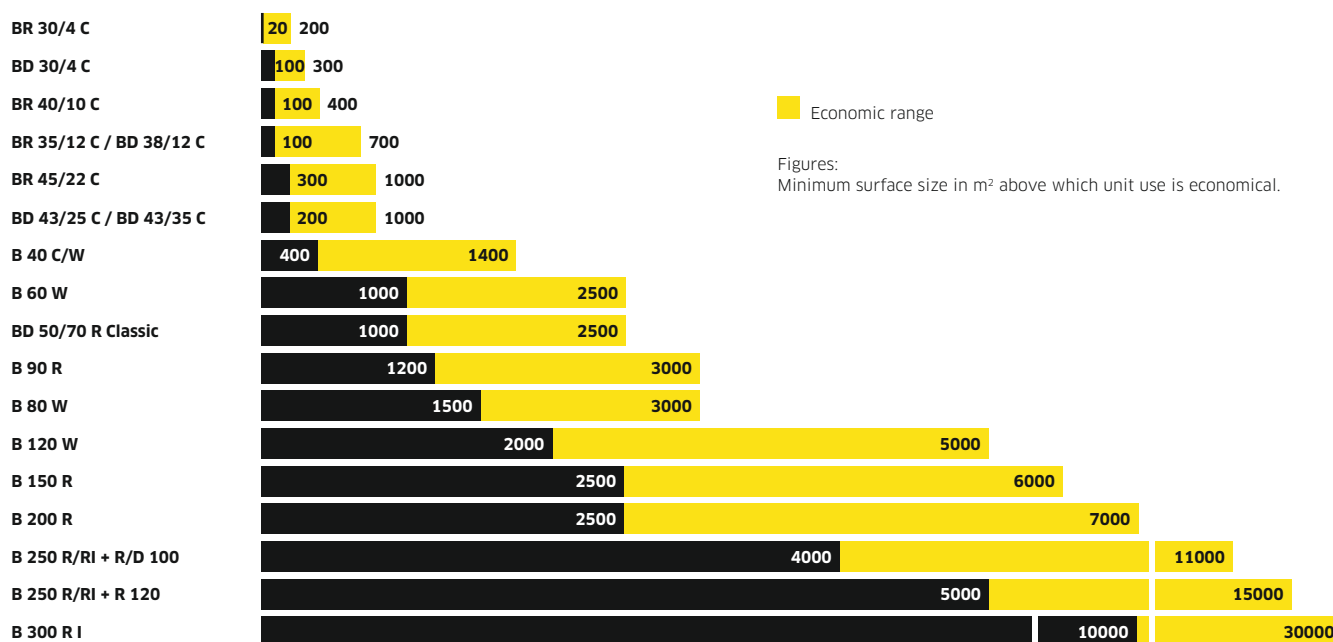
<sup>1)</sup> In combination with R-head.<sup>2)</sup> With built-in charger, but without battery.



## WHICH IS THE RIGHT ONE?

### The optimal scrubber drier for every surface size

It is best to choose the right model of scrubber drier according to cost. You need to know the size of the surface you wish to clean and how often you would like to clean it, and then you can make your selection from an economic point of view. The table below gives you an overview of reference values for each model.





### 1 Cleanliness at the highest level

Kärcher's microfibre roller is an absolute high-tech accessory. Unbeatable on fine stone tiles, it gives optimal results on all smooth or slightly textured floors.

### 2 Order on board: Home Base Kit

Many scrubber driers are fitted with a Home Base Kit, the storage system for on-board equipment. The "Mop" kit comes with a mop clip, mop support and bottle holder. The "Box" kit offers space for secure storage of 3 bottles, as well as cloths, scrapers, replacement rubbish bags, gloves, etc.

### 3 Sweeping included

All floor heads with roller brush technology for machines in the 40-litre class and above are equipped with a sweeping function as standard. The machines scrub, sweep and vacuum very effectively in a single procedure. This makes additional manual pre-sweeping unnecessary in many cases.

### 4 Quiet, economical and efficient

In eco!efficiency mode, depending on the model of the machine, energy use, cleaning agent consumption and even water consumption are reduced. This means that not only can the machine work considerably longer, but it also saves money. In addition, the machine is also made noticeably quieter.



#### 5 Dose – the intelligent cleaning agent dosing unit

Dose technology permits precise dosing of the cleaning agent by means of a controller, as well as switching to a different cleaning agent or emptying the tank - even while the machine is in use. This saves on cleaning agent and working time. Since the cleaning agent and fresh water supply are separated, the growth of micro-organisms is prevented.

#### 6 Diamonds clean and polish to a high gloss

Diamond pads are Kärcher's innovation for cleaning and polishing in a single procedure. The system with 3 different granulations works ingeniously: white pad for 3 weeks, yellow pad for 3 weeks, then green pad. For polishing results to a high gloss. This saves a great deal of time and expense, and retards resoiling. For all natural stone floors, terrazzo and epoxy-coated floors.

#### 7 Renew coatings faster

Coatings protect the floor and enhance its appearance. Most coatings have to be regularly renewed, usually with a strongly alkaline cleaning agent and single-disc machine, as well as a lot of time. Two innovative Kärcher developments – the S 65 stripping head and the stripping rollers – now accelerate this job with 3 to 10 times the area performance, without the need for any cleaning agent or, at most, at maintenance concentrations. This reduces cleaning costs enormously and reduces the environmental impact. With the S 65 stripping head, stripping can be carried out over large areas or on selected spots. Like all Kärcher interchangeable brush heads, the S 65 features a quick-change system. No additional machines need to be purchased. The S 65 stripping head is simply attached when required. Kärcher stripping rollers fit all conventional brush heads and are therefore available for a wide variety of unit classes and can also be retrofitted.

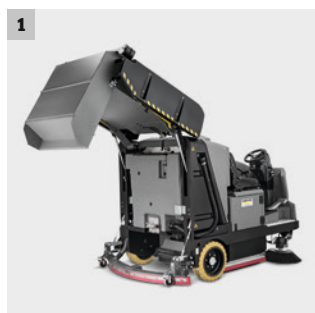
## 300-LITRE CLASS



### A marvel of productivity: B 300 R I

With this combined scrubber drier/vacuum sweeper, you can kill two birds with one stone. In a single operation, it can overcome even the toughest challenges and practically halves working time in the process. It is also uncommonly manoeuvrable and agile, withstands even tougher applications easily and also shines on large surfaces with working widths up to 1.65 metres (scrub vacuuming) or up to 1.75 metres for sweeping. The powerful and robust combustion engines, either liquid gas or diesel, and a fresh and dirty water tank capacity of 300 litres each ensure very long work intervals.

**NEW**



#### 1 Hydraulic high container emptying

The operator never comes into contact with dust or dirt. This is thanks to the convenient hydraulic high container emptying up to a height of 1.55 metres. The waste container simply tilts backwards, making it possible to dispose of the waste without contact.



#### 2 Side brushes and side scrubbing decks

You can extend the working width with a side brush or side scrubbing deck - on either the right or left side of the machine - to up to 1755 mm. In order to ensure that neither the machine nor facilities are impacted by possible collisions, the side attachments are spring-mounted and are simply pushed under the machine in the case of heavy contact.



#### 3 Robust design

Extremely sturdy machine components, for example the solid steel frame, make the B 300 R I perfect even for the toughest jobs. Robust industrial engines and the fully hydraulic traction drive also guarantee an extremely low susceptibility to errors.



#### 4 Combination of scrub vacuuming and sweeping

Scrub vacuuming and sweep vacuuming in a single step saves a lot of time, particularly on large surfaces. It therefore also saves a lot on costs for staff, machines and consumables.

# CONFIGURATION OF THE FULLY CUSTOMISED B 300 R I MACHINE

1. Choose a drive type: diesel or liquid petroleum gas (LPG)
2. Attachment kits



## Working lights

In poor lighting conditions, these bring light into the darkness and significantly improve work safety for operators and others in the vicinity.



## Side scrubbing deck

The optional side scrubbing deck can be attached on either side, is spring-mounted for collision protection and extends the working width to up to 1655 mm.



## Operation

Very simple and wear-resistant operation using a robust handle ensures relaxed machine handling.



## Road approval

The B 300 R I is approved for use on public roads in accordance with the German StVZO and can therefore also be used in public areas without concern.



## CONFIGURATION OF THE FULLY CUSTOMISED B 300 R I MACHINE

You have two basic models to choose from: either the B 300 R I LPG with a low-emission, gas-powered combustion engine, which can also be used inside buildings, or the B 300 R I D, which is fitted with a robust, low-consumption diesel engine. In addition, side brushes or side scrubbing decks can be used to extend the working width and other useful attachment kits are also available.



### 1 Manual tank rinsing

For manual tank rinsing, use the remaining fresh water to rinse out the dirty water tank and make cleaning more convenient.

### 2 Squeegee

The very robust, spring-mounted squeegee ensures optimal vacuuming results for a wide variety of applications.



### 3 Liquid petroleum gas (LPG) engine

The low-emission, gas-powered combustion engine also allows cleaning of very large indoor areas, e.g. exhibition halls.



		B 300 R I D	B 300 R I LPG
<b>Technical data</b>			
Theoretical area performance	m²/h	16550	16550
Practical area performance	m²/h	12400	12400
Working width, brushes	mm	1045	1045
Working width, sweeping, with 2 side brushes	mm	1755	1755
Working width, wet scrubbing, with 2 side scrubbing decks	mm	1655	1655
Working width, vacuuming	mm	1440	1440
Fresh / dirty water tank	l	300 / 300	300 / 300
Waste container	l	180	180
Max. speed	km/h	12	12
Max. cleaning speed	km/h	10	10
Water flow, max.	l/min	12	12
Brush speed	rpm	460	460
Brush contact pressure (max.)	kg	45	45
Motor rating	kW	25	39
Weight	kg	1750	1745
Dimensions (L × W × H) (without attachments)	mm	2400 × 1540 × 1760	2400 × 1540 × 1760
Dimensions (L × W × H) (including protective roof)	mm	2400 × 1540 × 2040	2400 × 1540 × 2040
Voltage supply to machine	V	12	12
<b>Equipment</b>			
Roller brush		■	■
Sweep vacuuming unit		■	■
Integrated sweeping mechanism		■	■
Flashing beacon		■	■
Side mirror		■	■
Working light		■	■
Squeegees		■	■
Automatic brush head and squeegee bar raising and lowering function		■	■
Electrically adjustable contact pressure		■	■
<b>Special options</b>			
Right / left side brush		□	□
Right / left side scrubbing deck		□	□
Protective roof without glass		□	□
StVZO (approved for use on German roads)		□	□
Order No.		1.480-235.2	1.480-235.2

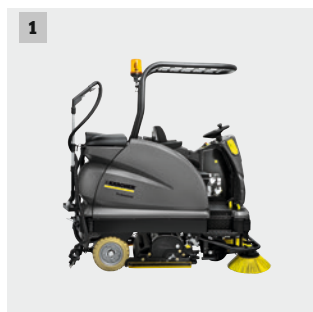
■ Included in delivery. □ Compatible accessories.

## 250-LITRE CLASS



### Powerhouse on three wheels

For cleaning hard surfaces in large premises, the scrubber drier or combination machine B 250 R is the right choice. The sturdy tubular steel frame meets even the toughest operational demands. A powerful battery and large water tank ensure long work intervals. Single-button operation and coloured control elements make the machine especially easy to use.



1



2



3



4

#### 1 Very small turning circle

The short wheelbase and the minimal machine width ensure high manoeuvrability and large surface area coverage. Even narrow areas can thus be cleaned efficiently.

- Very small turning circle.
- High manoeuvrability.
- Good area coverage.

#### 2 All-in-one sweep vacuuming and scrubber drier – R I model

For larger amounts of dirt, the B 250 R is also available with an upstream vacuum sweeping unit. The round filter with 4 m<sup>2</sup> filter area in combination with automatic filter cleaning allows for continuously dust-free operation.

- All-in-one sweep vacuuming and scrubber drier.
- Floating main sweeper roller.
- Includes 2 side brushes.

#### 3 Extra-large working width

The roller brush is optionally available in a larger working width with 20% greater area performance. A deflector protects the protruding brush head against damage.

- Extra-large working width of 1200 mm.
- High area performance.
- Very robust thanks to strong deflector.

#### 4 Safety: a key function

The KIK system offers much greater protection against erroneous operation. Operators cannot change the machine's basic presettings. These have been previously preset by the supervisor for each cleaning task or for the building. The operator only needs to insert the key and the default programme starts via EASY Operation. For even greater safety, all B 250 R machines feature simple, quick and intuitive menu navigation with clear designations, as well as innovative technical features such as suction power, brush speed, cleaning agent dosing unit, driving speed, approval for operators with a yellow key, switch-off delay for turbine and brushes, and selection of battery type. The B 250 R can only be started with the associated coded key and is thus protected against unauthorised operation.

# CONFIGURATION OF THE FULLY CUSTOMISED B 250 R MACHINE



## Roller heads

Roller heads (R) have advantages for cleaning textured floors and in deep crevices, while disc heads (D) have advantages above all on smooth surfaces.



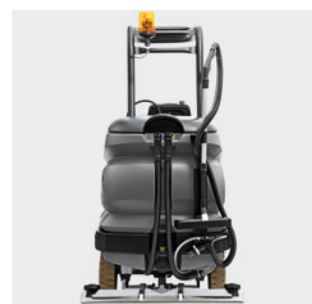
## Working light

In poorly lit areas such as car parks or logistics areas, the working light improves vision and makes the machine easier to see.



## Cleaning agent dosing unit

With the Dose cleaning agent dosing system, the cleaning agent is added to the fresh water when required. The dosing can be adjusted from 0 to 3%.



## Special options

There is also a great deal of additional equipment, such as a flashing light, recycling, spray suction, a protective roof or side brushes, which make the machine even more efficient.



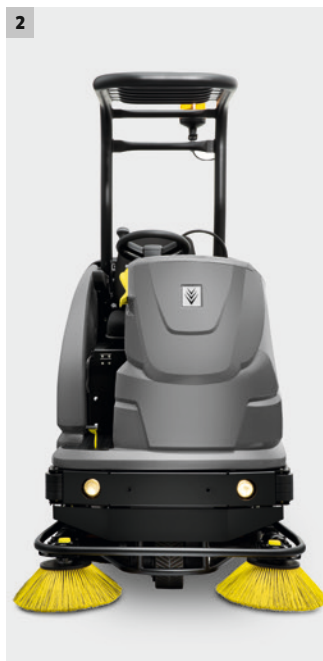
## CONFIGURE YOUR VERY OWN B 250 R MACHINE

Choose from two different basic models: B 250 R, the compact scrubber drier and B 250 R I, the vacuum sweeper/scrubber drier. There are 3 brush heads to choose from for each. You can also select the squeegee that is right for you, and many other configuration options.



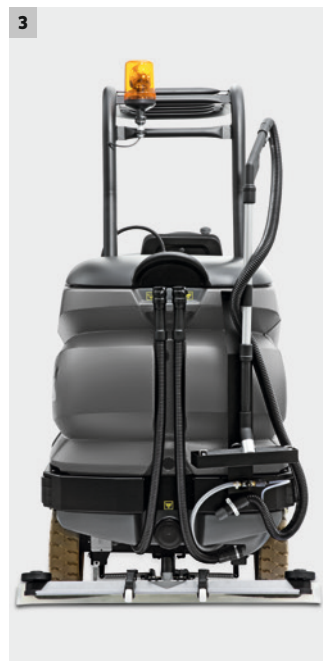
### 1 Filling made easy

With the automatic filling system, a hose is simply connected with a conventional hose connector. The water flow stops automatically as soon as the tank is full. This means that other tasks can be carried out while the tank is filled, and waiting time is reduced. For the hose connection, a conventional quick coupling with a backflow prevention device is recommended.



### 2 For protection of the operator

There are often instructions regarding the operation of vehicles in warehouse areas, in order to protect employees from falling objects. To this end, there is a protective roof available for the B 250 R. The particularly sturdy protective roof offers reliable protection, without impeding the operator, and is tested in accordance with the requirements for protective roofs for cleaning machines.



### 3 Spray vacuum nozzle for difficult-to-reach surfaces

For places that cannot be reached with the machine, there is a useful extra machine which can be carried on board. With the spray vacuum nozzle, corners and other areas not accessible for the machine can be cleaned and vacuumed. Installation is very simple. The suction hose from the squeegee is simply connected to the accessory as necessary.





		B 250 R I			B 250 R		
+ brush head		R 120	R 100	D 100	R 120	R 100	D 100
Technical data							
Working width, brushes	mm	1200	1000	1000	1200	1000	1000
Working width, vacuuming	mm	1420	1060	1060	1420	1060	1060
Fresh / dirty water tank	l	250 / 250	250 / 250	250 / 250	250 / 250	250 / 250	250 / 250
Theoretical area performance	m²/h	9600	8000	8000	9600	8000	8000
Practical area performance	m²/h	7200	6000	6000	7200	6000	6000
Water flow, max.	l/min	8	8	8	8	8	8
Brush speed	rpm	600-1200	600-1200	140	600-1200	600-1200	140
Rated input power, total machine	W	6900	6900	6500	5200	5200	4600
Weight (with battery)	kg	1470	1450	1450	1270	1250	1250
Dimensions (L × W × H) (without attachments)	mm	2730×1260×1550	2730×1060×1550	2730×1060×1550	1900×1260×1550	1900×1060×1550	1900×1060×1550
Brush contact pressure, max.	g/cm²	230	260	35	230	260	35
Voltage supply to machine	V	36	36	36	36	36	36
Waste container	l	60 + 24	60 + 20	60	24	20	-
Equipment							
Roller brush		■	■	-	■	■	-
Disc brush		-	-	■	-	-	■
Integrated sweeping mechanism		■	■	-	■	■	-
Sweep vacuuming unit		■	■	■	-	-	-
Auto-Fill		■	■	■	■	■	■
FACT		■	■	-	■	■	-
eco!efficiency mode		■	■	■	■	■	■
Additional brake		■	■	■	■	■	■
Automatic brush head and squeegee bar raising and lowering function		■	■	■	■	■	■
Electrically adjustable contact pressure		■	■	■	■	■	■
KIK (Kärcher Intelligent Key)		■	■	■	■	■	■
Configuration options							
Battery, low-maintenance, 36 V / 630 Ah		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Battery charger (external)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, straight, oil-resistant polyurethane suction lips (1160)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, curved, oil-resistant polyurethane suction lips (1160)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, straight, oil-resistant polyurethane suction lips (1400)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, curved, oil-resistant polyurethane suction lips (1400)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special options							
Side brush		<input type="checkbox"/> *	<input type="checkbox"/> *	<input type="checkbox"/> *	<input type="checkbox"/>	<input type="checkbox"/>	-
Dose cleaning agent dosing unit		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spray suction		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protective roof		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flashing beacon		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Working light		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recycling		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Order No.		1.480-231.2	1.480-231.2	1.480-231.2	1.480-231.2	1.480-231.2	1.480-231.2

\* Required accessories. ■ Included in delivery. □ Compatible accessories.

## 200-LITRE CLASS



### Compact, convenient, clearly arranged

The B 200 R is the ride-on scrubber drier of choice when it comes to thorough and effective cleaning of indoor areas between 2500 and 7000 m<sup>2</sup>. Several cleaning modes can be conveniently selected via the large colour display. And with the innovative, patented KIK key system, you can protect the machine very effectively against erroneous operation by unauthorised persons.



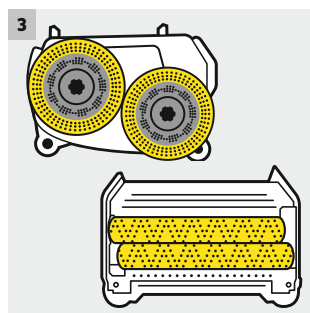
#### 1 Optional side brush

In conjunction with the roller head R 75 or R 90, the optional side brush makes the B 200 R a real all-rounder and enables sweeping, scrubbing and vacuuming in a single operation. If required, the side brush can of course also be switched off.



#### 2 Manual tank rinsing

For efficient cleaning of the dirty water tank, simply use the residual water left in the fresh water tank for manual tank rinsing.



#### 3 Brush heads to suit requirements

Tailored to your requirements, you can choose between roller or disc brush engineering and determine the appropriate working width (75 or 90 cm).



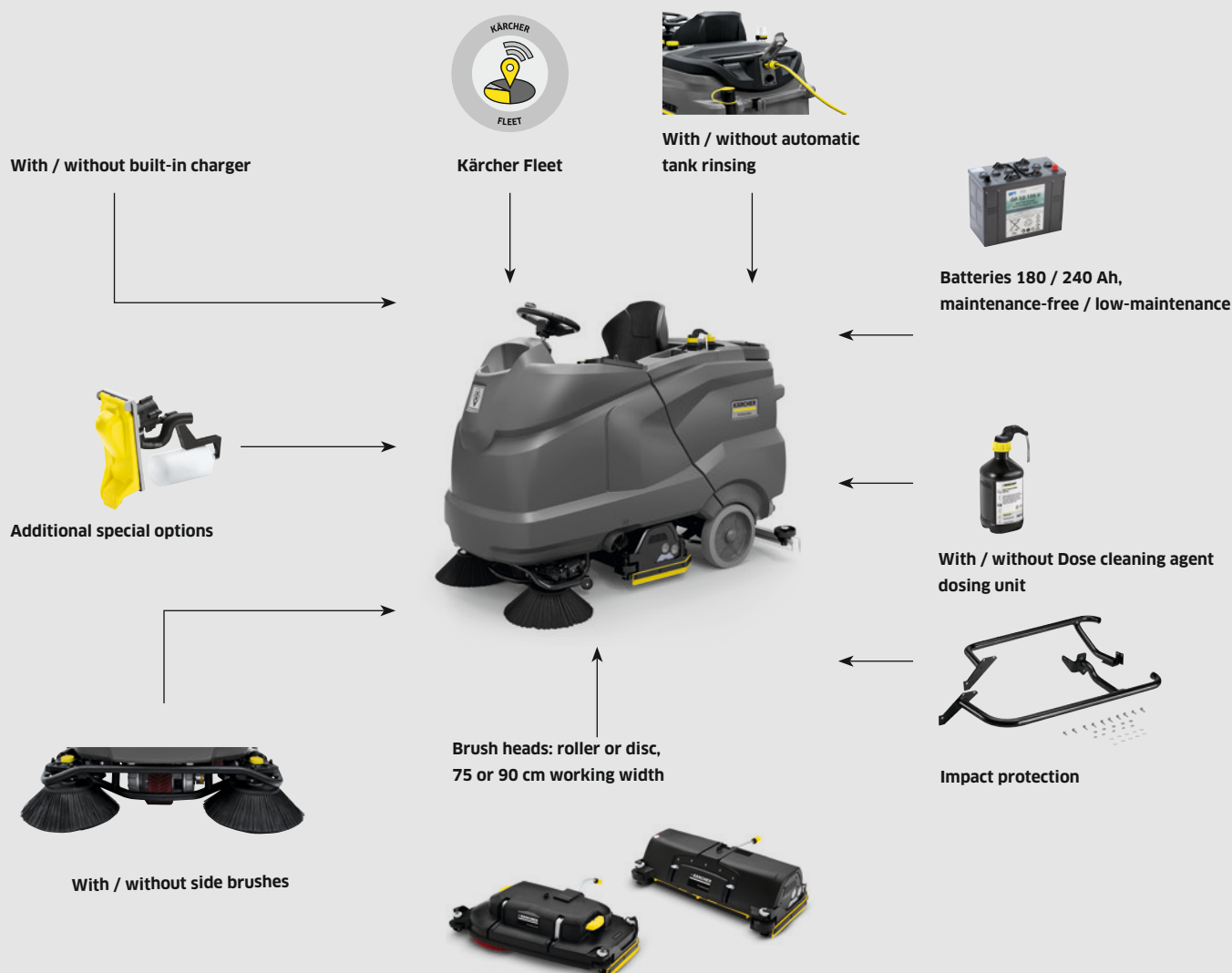
#### 4 Safety: a key function

With our KIK key system, erroneous operation of the machine can be avoided and unauthorised start-up completely prevented. Based on different keys (colour-coded yellow and grey), to which different access rights are assigned, an authorised person can, for example, undertake presettings for the upcoming cleaning tasks which cannot be changed by the operator. The operator then only needs to insert their key and start the default programme via EASY Operation.

To further increase security, the machine features simple, fast and intuitive menu navigation with clear descriptions, for example:

- Suction power.
- Brush speed.
- Cleaning agent dosing unit.
- Driving speed.
- Approval for operators with a yellow key.
- Switch-off delay for turbines and brushes.
- Selection, battery type.

# CONFIGURATION OF THE FULLY CUSTOMISED B 200 R MACHINE



## Extremely manoeuvrable

The short and narrow design ensures great manoeuvrability and agility of the machine.



## Cleaning agent dosing system

The Dose cleaning agent dosing system provides even and precise dosing of the cleaning agent volume.



## Auto-Fill function

Time-saving and secure automatic filling of the fresh water tank.



## Impact protection

Robust impact protection which effectively protects the brush head against damage resulting from external mechanical effects.

## CONFIGURE YOUR VERY OWN B 200 R MACHINE

So that we can offer you the perfect machine for your needs, the B 200 R is available in different working widths, with disc or roller brushes and matching squeegee. You choose precisely the features you need for your purpose of use.



### 1 Automatic tank rinsing system

With the automatic tank rinsing system, a fresh water hose is connected with a conventional hose connector. Spray water is completely avoided.

### 2 Home Base

Additional cleaning utensils can be carried on board the machine, even the B 200 R, thanks to the Kärcher Home Base Kit. It enables bottles, bags, cloths and even a mop to be easily carried.

### 3 Kärcher Fleet

Our web-based fleet management system gives you an overview of all important parameters of each individual machine – in real time. This means that you are always informed and can react faster and more effectively to unforeseen events.



		B 200 R			
+ brush head		R 90	D 90	R 75	D 75
Technical data					
Working width, brushes	mm	900	900	750	750
Working width, vacuuming	mm	1060	1060	940	940
Fresh/dirty water tank volume	l	200 / 200	200 / 200	200 / 200	200 / 200
Theoretical / Practical area performance	m²/h	5400 / 3800	5400 / 3800	4500 / 3200	4500 / 3200
Water flow, max.	l/min	9	9	9	9
Brush speed	rpm	600-1300	180	600-1300	180
Rated input power, total machine (ecoefficiency mode)	W	2800 (1680)	2800 (1680)	2800 (1680)	2800 (1680)
Driving and cleaning speed	km/h	6	6	6	6
Weight (with battery)	kg	475 (565)	475 (565)	475 (565)	475 (565)
Dimensions (L × W × H) (without attachments)	mm	1860 × 910 × 1410	1860 × 910 × 1410	1860 × 910 × 1410	1860 × 910 × 1410
Brush contact pressure, max.	g/cm²	505	34	560	46
Voltage supply to machine	V	36	36	36	36
Voltage supply to battery charger	V / Hz	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60
Waste container	l	9	-	7	-
Equipment					
Roller brush		■	-	■	-
Disc brush		-	■	-	■
Integrated sweeping mechanism		■	-	■	-
All-wheel drive		-	-	-	-
Auto-Fill		□	□	□	□
FACT		■	-	■	-
ecoefficiency mode		■	■	■	■
Automatic brush head and squeegee raising function		■	■	■	■
Electrically adjustable contact pressure		■	■	■	■
Climbing ability long-term / short-term	%	10 / 15	10 / 15	10 / 15	10 / 15
KIK (Kärcher Intelligent Key)		■	■	■	■
Large colour display		■	■	■	■
Built-in charger		□	□	□	□
Configuration options					
Battery, maintenance-free, 36 V / 180 Ah / 36 V / 240 Ah		□	□	□	□
Squeegee, straight, oil-resistant polyurethane suction lips (940 mm)		-	-	□	□
Squeegee, curved, oil-resistant polyurethane suction lips (940 mm)		-	-	□	□
Squeegee, straight, oil-resistant polyurethane suction lips (1060 mm)		□	□	-	-
Squeegee, curved, oil-resistant polyurethane suction lips (1060 mm)		□	□	-	-
Special options					
Side brush		□	-	□	-
Dose cleaning agent dosing unit		□	□	□	□
Spray suction		□	□	□	□
Flashing beacon		□	□	□	□
Automatic/manual rinsing system		□ / □	□ / □	□ / □	□ / □
Kärcher Fleet		□	□	□	□
Impact protection		□	□	□	□
Order No.		1.246-200.2	1.246-200.2	1.246-200.2	1.246-200.2

■ Included in delivery. □ Compatible accessories.



# 150-LITRE CLASS



## Efficient and well thought-out in every detail

The B 150 R is the perfect ride-on scrubber drier for medium-sized surfaces of 2500 to 6000 m<sup>2</sup>. Very compact with good all-round visibility for cleaning interiors, the machine also offers maximum convenience: automatic lowering of brush head and squeegee, large colour display, automatic adjustment of contact pressure or adjustable cleaning modes. The KIK key system and the colour-coded control elements make operation particularly easy.



### 1 Safety: a key function

The KIK system offers much greater protection against erroneous operation. Operators cannot change the machine's basic presettings. These have been previously preset by the supervisor for each cleaning task or for the building. The operator only needs to insert the key and the default programme starts via EASY Operation.

For even greater safety, all B 150 R machines feature simple, quick and intuitive menu navigation with clear designations, as well as innovative technical features such as:

- Suction power.
- Brush speed.
- Cleaning agent dosing unit.
- Driving speed.
- Approval for operators with a yellow key.
- Switch-off delay for turbines and brushes.
- Selection, battery type.

The B 150 R can only be started with the associated coded key and is thus protected against unauthorised operation.

### 2 Four-wheel drive

The Advanced version features all-wheel drive. At 10 km/h, this drive ensures very good traction when cleaning ramps with gradients of up to 15%, as well as very good directional stability, even on wet and slippery surfaces. The all-wheel braking also makes the machine especially safe.

- Transport and cleaning up to 10 km/h.
- High directional stability and very safe.

### 3 Sweeping, scrubbing and vacuuming

The optional side brush in conjunction with a roller head R 75 or R 90 makes the machine a real all-rounder.

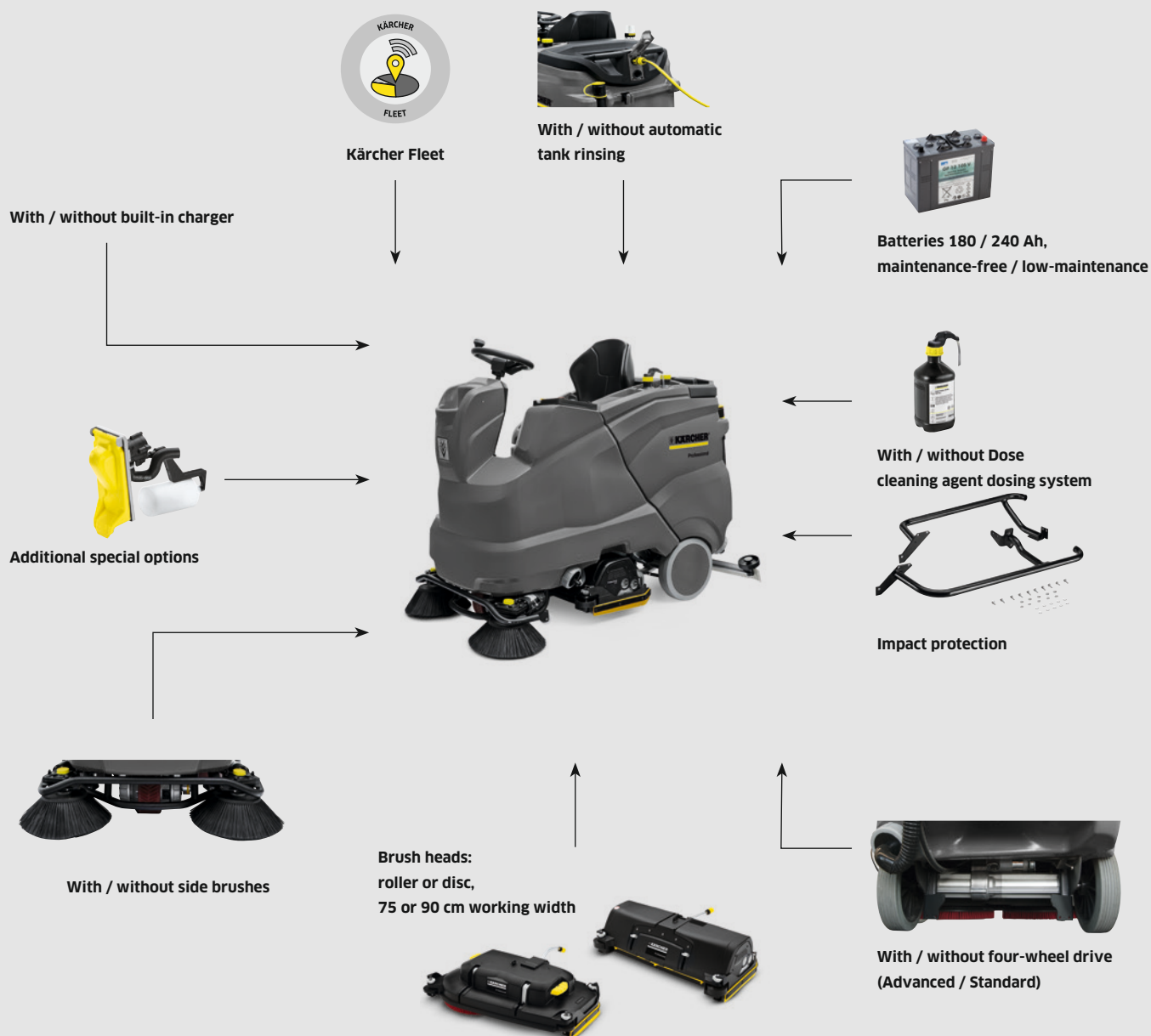
- Sweeping, scrubbing and vacuuming in a single procedure.
- In combination with roller head R 75 or R 90.
- Side brush can be switched off.

### 4 Extremely manoeuvrable

The short, narrow design makes the machine very manoeuvrable. Ideal for angled interiors, and provides a very good overview as well. This makes cleaning faster, more efficient and safer.

- Only 1400mm long and 800 mm wide (R/D 75).
- Very good overview.
- Safe and efficient.

# CONFIGURATION OF THE FULLY CUSTOMISED B 150 R MACHINE



## Manual tank rinsing

With manual tank rinsing, the dirty water tank can be rinsed out with the fresh water available in the tank.



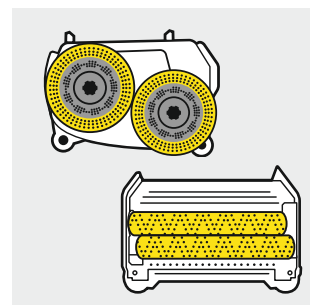
## Auto-Fill

With the automatic filling system, the tank can be filled with an external hose with a conventional hose connector.



## Automatic tank rinsing

With the automatic tank rinsing system, a fresh water hose is connected with a conventional hose connector.



## Brush heads

Roller or disc brushes in various working widths (from 75 to 90 cm) are available depending on the application requirements. Roller or disc system.

# INDIVIDUAL CONFIGURATION

Two different basic models are available, Standard and Advanced. The Advanced version differs mainly by four-wheel drive for better traction and extra equipment such as automatic filling, as well as 4 brush heads in 2 working widths as disc and roller. Furthermore, you can choose other equipment, such as different batteries or squeegees.

		B 150 R Adv			
+ brush head		R 90	D 90	R 75	D 75
Technical data					
Working width, brushes	mm	900	900	750	750
Working width, vacuuming	mm	1060	1060	940	940
Fresh/dirty water tank volume	l	150 / 150	150 / 150	150 / 150	150 / 150
Theoretical / Practical area performance	m² / h	9000 / 6000	9000 / 6000	7500 / 5000	7500 / 5000
Water flow, max.	l/min	9	9	9	9
Brush speed	rpm	600-1300	180	600-1300	180
Rated input power, total machine (ecoefficiency mode)	W	3240 (1950)	3240 (1950)	3240 (1950)	3240 (1950)
Driving and cleaning speed	km/h	10	10	10	10
Weight (with battery)	kg	435-520	435-520	435-520	435-520
Dimensions (L × W × H) (without attachments)	mm	1790 × 910 × 1410	1790 × 910 × 1410	1790 × 800 × 1410	1790 × 800 × 1410
Brush contact pressure, max.	g/cm²	505	34	560	46
Voltage supply to machine	V	36	36	36	36
Voltage supply to battery charger	V / Hz	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60
Waste container	l	9	-	7	-
Equipment					
Roller brush		■	-	■	-
Disc brush		-	■	-	■
Integrated sweeping mechanism		■	-	■	-
All-wheel drive		■	■	■	■
Auto-Fill		■	■	■	■
FACT		■	-	■	-
ecoefficiency mode		■	■	■	■
Automatic brush head and squeegee raising function		■	■	■	■
Electrically adjustable contact pressure		■	■	■	■
Climbing ability long-term / short-term	%	15 / 18	15 / 18	15 / 18	15 / 18
KIK (Kärcher Intelligent Key)		■	■	■	■
Large colour display		■	■	■	■
Built-in charger		□	□	□	□
Configuration options					
Battery, maintenance-free, 36 V / 180 Ah / 36 V / 240 Ah		□	□	□	□
Squeegee, straight, oil-resistant polyurethane suction lips (940 mm)		-	-	□	□
Squeegee, curved, oil-resistant polyurethane suction lips (940 mm)		-	-	□	□
Squeegee, straight, oil-resistant polyurethane suction lips (1060 mm)		□	□	-	-
Squeegee, curved, oil-resistant polyurethane suction lips (1060 mm)		□	□	-	-
Special options					
Side brush		□	-	□	-
Dose cleaning agent dosing unit		□	□	□	□
Spray suction		□	□	□	□
Flashing beacon		□	□	□	□
Automatic/manual rinsing system		□ / □	□ / □	□ / □	□ / □
Kärcher Fleet		□	□	□	□
Impact protection		□	□	□	□
Order No.		1.246-020.2	1.246-020.2	1.246-020.2	1.246-020.2

■ Included in delivery. □ Compatible accessories.



		B 150 R			
+ brush head		R 90	D 90	R 75	D 75
Technical data					
Working width, brushes	mm	900	900	750	750
Working width, vacuuming	mm	1060	1060	940	940
Fresh/dirty water tank volume	l	150 / 150	150 / 150	150 / 150	150 / 150
Theoretical / Practical area performance	m <sup>2</sup> / h	5400 / 3800	5400 / 3800	4500 / 3200	4500 / 3200
Water flow, max.	l/min	9	9	9	9
Brush speed	rpm	600-1300	180	600-1300	180
Rated input power, total machine (ecoefficiency mode)	W	2800 (1680)	2800 (1680)	2800 (1680)	2800 (1680)
Driving and cleaning speed	km/h	6	6	6	6
Weight (with battery)	kg	435-520	435-520	435-520	435-520
Dimensions (L × W × H) (without attachments)	mm	1790 × 910 × 1410	1790 × 910 × 1410	1790 × 800 × 1410	1790 × 800 × 1410
Brush contact pressure, max.	g/cm <sup>2</sup>	505	34	560	46
Voltage supply to machine	V	36	36	36	36
Voltage supply to battery charger	V / Hz	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60
Waste container	l	9	-	7	-
Equipment					
Roller brush		■	-	■	-
Disc brush		-	■	-	■
Integrated sweeping mechanism		■	-	■	-
All-wheel drive		-	-	-	-
Auto-Fill		□	□	□	□
FACT		■	-	■	-
ecoefficiency mode		■	■	■	■
Automatic brush head and squeegee raising function		■	■	■	■
Electrically adjustable contact pressure		■	■	■	■
Climbing ability long-term / short-term	%	10 / 15	10 / 15	10 / 15	10 / 15
KIK (Kärcher Intelligent Key)		■	■	■	■
Large colour display		■	■	■	■
Built-in charger		□	□	□	□
Configuration options					
Battery, maintenance-free, 36 V / 180 Ah / 36 V / 240 Ah		□	□	□	□
Squeegee, straight, oil-resistant polyurethane suction lips (940 mm)		-	-	□	□
Squeegee, curved, oil-resistant polyurethane suction lips (940 mm)		-	-	□	□
Squeegee, straight, oil-resistant polyurethane suction lips (1060 mm)		□	□	-	-
Squeegee, curved, oil-resistant polyurethane suction lips (1060 mm)		□	□	-	-
Special options					
Side brush		□	-	□	-
Dose cleaning agent dosing unit		□	□	□	□
Spray suction		□	□	□	□
Flashing beacon		□	□	□	□
Automatic/manual rinsing system		□ / □	□ / □	□ / □	□ / □
Kärcher Fleet		□	□	□	□
Impact protection		□	□	□	□
Order No.		1.246-020.2	1.246-020.2	1.246-020.2	1.246-020.2

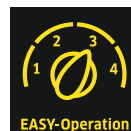
■ Included in delivery. □ Compatible accessories.

## 90-LITRE CLASS



### The real cleaning dream machine

The B 90 R ride-on scrubber drier is the thing of dreams. Equipment, working width, squeegee length, configuration and scrubbing technology can all be combined in a one-off machine. The machine is then built specifically to the customer's requirement.



#### 1 Custom-made machine

- Choose from a number of different configuration options. From the economical Classic to the fully equipped Dose model.
- A choice of three working widths and curved or straight squeegees is available.

#### 2 Different scrubbing technologies

- Disc cleaning models, especially for use on smooth surfaces.
- For textured floors or extremely stubborn dirt, roller brushes provide more benefits. They also scrub and sweep in a single procedure.

#### 3 With or without Dose

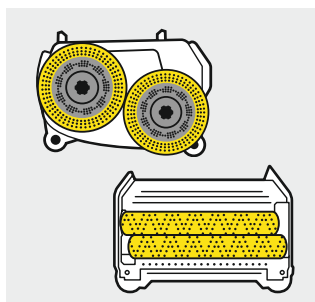
- With the automatic Dose cleaning agent dosing unit, the cleaning agent is added to the fresh water as required, up to 3%.
- In the tank, there is only fresh water. This saves time and costs.

#### 4 Working width - your choice

- A choice of three working widths is available: 55, 65 and 75 cm.
- This makes the cleaning machine even more economical – even on large surfaces.
- Brush head, squeegee and side brush are lowered automatically.
- Can be set to many different modes.
- Easy to operate.



# CONFIGURATION OF THE FULLY CUSTOMISED B 90 R MACHINE



## Brush heads

Various brush head types are available: roller heads (R) and disc heads (D), in particular on smooth surfaces.



## Squeegees

For optimal suction, even in curves, squeegees are available in various widths: 850 mm for working widths up to 55 cm, 940 mm for 65 cm working width.



## Classic or Advanced

The Classic is characterised by simple operation. On the Advanced, the menu enables adjustments, such as brush speed or turbine performance to be set (Dose only in combination with Adv).



## Special options

In addition, there is a variety of special options available, such as automatic filling, tyres with particularly good traction, flashing light or different brushes and pads.

# INDIVIDUAL CONFIGURATION

The B 90 R is available in various working widths, with disc or roller brushes and matching squeegees. In this way, the machine is always optimally tailored to the customer's requests and requirements.

Configuration – optional	Description	
Equipment sets		
Classic Pack	■ Batteries (180 Ah, maintenance-free).	■ On-board battery charger for 180-Ah batteries.
Adv	■ Options via display: turbine speed over two levels, language selection, presetting max. cleaning speed.	■ Settings: brush delay time, test modes for service. ■ FACT (for roller heads).
Adv Pack	■ Options via display: language selection, presetting max. cleaning speed.	■ Settings: brush delay time, test modes for service. ■ FACT (for roller heads). ■ Batteries (180 Ah, maintenance-free). ■ On-board battery charger for 180 Ah batteries.
Dose	■ Options via display: turbine speed over two levels, language selection, presetting max. cleaning speed, Dose setting.	■ Settings: brush delay time, test modes for service. ■ FACT (for roller heads). ■ Dose cleaning agent dosing unit. ■ FloorPro Deep Cleaner RM 69, 2.5 litres.
Dose Pack	■ Options via display: turbine speed over two levels, language selection, presetting max. cleaning speed, Dose setting.	■ Settings: brush delay time, test modes for service. ■ FACT (for roller heads). ■ Dose cleaning agent dosing unit. ■ FloorPro Deep Cleaner RM 69, 2.5 litres. ■ Batteries (180 Ah, maintenance-free). ■ On-board battery charger for 180 Ah batteries.



## 1 Where cleanliness counts

In the retail sector in particular, cleanliness is of the utmost importance. The cleaning equipment must be easy to use, and the machine should be quiet and inconspicuous because cleaning often takes place during public opening hours.



## 2 Hygiene as a priority

There is no other area of application where hygiene requirements are as important as in the health service. A scrubber drier has to clean large surfaces, but also has to be hygienic. The B 90 R has proven itself to be an essential aid in this area.



## 3 Thorough cleaning

The B 90 R efficiently removes dirt and dust, even on large surfaces. This ensures uninterrupted production processes and reduces the dust impact in warehouses to a minimum.

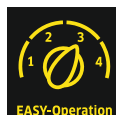
Configuration - optional	Description
<b>Brush heads</b>	
550 mm, roller	<ul style="list-style-type: none"> <li>■ Working width 550 mm.</li> <li>■ 2 roller brushes, each 532 mm.</li> <li>■ Sweeping function.</li> <li>■ Runs close to the wall on the right side.</li> <li>■ 2 red roller brushes incl.</li> <li>■ Quick brush replacement.</li> </ul>
550 mm, disc	<ul style="list-style-type: none"> <li>■ Working width 550 mm.</li> <li>■ 2 discs, each 300 mm.</li> <li>■ Runs close to the wall on the right side.</li> <li>■ 2 red disc brushes incl.</li> <li>■ Quick brush replacement.</li> </ul>
650 mm, roller	<ul style="list-style-type: none"> <li>■ Working width 650 mm.</li> <li>■ 2 roller brushes, each 638 mm.</li> <li>■ Sweeping function.</li> <li>■ Runs close to the wall on the right side.</li> <li>■ 2 red roller brushes incl.</li> <li>■ Quick brush replacement.</li> </ul>
650 mm, disc	<ul style="list-style-type: none"> <li>■ Working width 650 mm.</li> <li>■ 2 discs, each 355 mm.</li> <li>■ Runs close to the wall on the right side.</li> <li>■ 2 red disc brushes incl.</li> <li>■ Quick brush replacement.</li> </ul>
750 mm, roller	<ul style="list-style-type: none"> <li>■ Working width 750 mm.</li> <li>■ 2 roller brushes, each 700 mm.</li> <li>■ Sweeping function.</li> <li>■ Runs close to the wall on both sides.</li> <li>■ 2 red roller brushes incl.</li> <li>■ Quick brush replacement.</li> </ul>
750 mm, disc	<ul style="list-style-type: none"> <li>■ Working width 750 mm.</li> <li>■ 2 discs, each 385 mm.</li> <li>■ Runs close to the wall on both sides.</li> <li>■ 2 red disc brushes incl.</li> <li>■ Quick brush replacement.</li> </ul>
<b>Squeegees</b>	
Straight, 850 mm	■ With support rollers and wear- and oil-resistant polyurethane lips, suitable up to 650 mm working width.
Curved, 850 mm	■ With support rollers and wear- and oil-resistant polyurethane lips, suitable up to 650 mm working width.
Straight, 940 mm	■ With support rollers and wear- and oil-resistant polyurethane lips, suitable up to 750 mm working width.
Curved, 940 mm	■ With support rollers and wear- and oil-resistant polyurethane lips, suitable up to 750 mm working width.
<b>Order No.</b>	<b>1.161-000.2</b>

## 90-LITRE CLASS



### For a clean environment

Highly compact ride-on scrubber drier for effortless use on medium and large areas. Available with disc brushes or roller brushes with sweeping mechanism.



#### 1 Extremely easy to manoeuvre

- Thanks to its very short and narrow construction style, the machine is very agile and easy to manoeuvre despite large water volumes.
- The 90° steering system allows you to turn on the spot.
- A low centre of gravity ensures excellent road adherence.



#### 2 Simple operation

- The basic functions are controlled with the EASY switch.
- Operating hours can be viewed on the display.
- Additionally, the roller brushes ensure that water and therefore also cleaning agent are saved.



#### 3 Long operating time

- Large compartment for a large battery capacity. Maintenance-free gel batteries in the pack variants.
- Two-level turbo power saves energy in the WHISPER setting.



#### 4 Quick replacement

- If required, the brush head can be replaced quickly with no need for tools.
- The rollers on the R head can be changed in next to no time.
- The brushes or pad drive boards on the D head are discarded using the foot pedal.

# TECHNICAL DATA AND EQUIPMENT

		<b>B 90 R Adv Dose Bp Pack</b> <b>B 90 R Adv Dose Bp</b>	<b>B 90 R Adv Bp Pack</b> <b>B 90 R Adv Bp</b>	<b>B 90 R Classic Bp Pack</b> <b>B 90 R Classic Bp</b>
		<ul style="list-style-type: none"> <li>Adjustable brush contact pressure</li> <li>With cleaning agent dosing</li> <li>With two-level suction performance</li> </ul>	<ul style="list-style-type: none"> <li>Adjustable brush contact pressure</li> <li>With two-level suction performance</li> <li>With tank level display</li> </ul>	<ul style="list-style-type: none"> <li>Very easy to use</li> <li>With operating hour counter</li> <li>For maintenance cleaning</li> </ul>
<b>Technical data</b>				
Working width, brushes	mm	550-750	550-750	550-750
Working width, vacuuming	mm	850-940	850-940	850-940
Fresh/dirty water tank	l	90 / 90	90 / 90	90 / 90
Battery	V	24 / -	24 / 170   24 / -	24 / 170   24 / -
Battery charger		-	230 / 50-60   -	230 / 50-60   -
Dimensions (L × W × H)	mm	1450 × 800 × 1200	1450 × 800 × 1200	1450 × 800 × 1200
Weight	kg	150	273   150	272   149
<b>Equipment</b>				
Traction drive		■	■	■
Automatic water stop		■	■	■
Variable contact pressure		■	■	-
Dose		■	-	-
FACT		■	■	-
Battery and built-in charger included		■   -	■   -	■   -
Order No.		<b>1.161-311.0   -310.0</b>	<b>1.161-309.0   -308.0</b>	<b>1.161-307.0   -306.0</b>
Price				

■ Included in delivery.

## Brush heads R 75 | R 65 | R 55

## Brush heads D 75 | D 65 | D 55

		<div><div></div> 2 counter-rotating roller brushes</div> <div><div></div> Scrubbing and sweeping in one pass</div> <div><div></div> High scrubbing performance</div>	<div><div></div> 2 disc brushes</div> <div><div></div> With integrated splash guard</div> <div><div></div> Simple brush release</div>
Technical data			
Max. area performance	m²/h	4500   3900   3300	4500   3900   3300
Practical working capacity	m²/h	3375   2925   2475	3375   2925   2475
Working width	mm	750   650   550	750   650   550
Speed	U/min	600-1300	180
Rated input power	W	2 × 600	2 × 600
Weight	kg	30   29   28	35   33   30
Contact pressure	g/cm²	200-315	20-35
Sweeping volume	l	7   6   5	-
Dimensions (L × W × H)	for 750 mm	810 × 520 × 280	810 × 490 × 280
Dimensions (L × W × H)	for 650 mm	750 × 520 × 280	745 × 505 × 280
Dimensions (L × W × H)	for 550 mm	640 × 520 × 280	640 × 490 × 280
Equipment			
Roller brushes		<div><div></div></div>	-
Disc brush		-	<div><div></div></div>
Splash guard		<div><div></div></div>	<div><div></div></div>
Sweeping function		<div><div></div></div>	-
Easy brush replacement		<div><div></div></div>	<div><div></div></div>
Order No.		2.763-006.0   -004.0   -002.0	2.763-005.0   -003.0   -001.0
Price			

■ Included in delivery.

<b>Accessories</b>			
Product name	Order No.	Description	Price
DS 3 Cleaning Agent Dosing Station	2.641-811.0	Can be connected to the water tap; water and cleaning agent are simply filled into the fresh water tank. Can also be used with the ABS filling system. Not for Dose variants.	
Flashing beacon attachment kit	2.641-718.0	Increases the safety of the working environment.	
Auto-Fill	2.641-748.0	Automatic filling system. Water supply automatically stops when the tank is full. With safety overflow.	
Tyres, supergrip	6.435-403.0	Oil-resistant, with especially good traction.	



## 70-LITRE CLASS



### Battery-operated, compact and exceptionally manoeuvrable

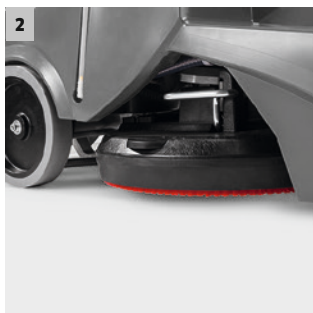
The affordable entry-level model into the world of ride-on scrubber driers is driven by a powerful 105 Ah battery and impresses with its slimline and compact construction style and incredible manoeuvrability. The machine, which is equipped with disc brush engineering, is easy to manoeuvre and transport, can even fit in lifts and offers many other clever and useful details.

**NEW**



#### 1 Simple operation

- Self-explanatory symbols and clear control panel.
- Brief familiarisation phases.
- Simple, yellow colour-coded control elements make the machine easy to use.



#### 2 Disc brush engineering

- Rugged construction style with integrated disc brush head.
- High area performance thanks to large working width.
- Brush replacement via pedal ejection.



#### 3 Compact, slim design

- Extremely manoeuvrable machine.
- Clear view of surfaces to be cleaned.
- Easy to transport.



#### 4 Optional accessories: pre-sweep mop

- Picks up dry dirt, thus supporting the cleaning process.
- Helps prevent blockage of the suction channel.

# TECHNICAL DATA AND EQUIPMENT

## BD 50/70 R Bp Pack Classic

## BD 50/70 R Bp Classic

- Compact, slim design and extremely manoeuvrable
- Extremely easy and intuitive operation
- Powerful battery and charger included in the scope of delivery

- Compact, slim design and extremely manoeuvrable
- Extremely easy and intuitive operation
- Disc brush engineering (one disc)

### Technical data

Working width, brushes	mm	510	510
Working width, vacuuming	mm	850	850
Fresh/dirty water tank	l	70 / 75	70 / 75
Battery	V / Ah	24 / 105	- / -
Battery charger	V / Hz	95-253 / 50-60	-
Dimensions (L × W × H)	mm	1310 × 590 × 1060	1310 × 590 × 1060
Weight	g	195	114

### Equipment

Traction drive	■	■
Disc brush	■	■
Automatic water stop	■	■
Variable contact pressure	-	-
Battery and charger	■	-
Order No.	1.161-071.0	1.161-070.0
Price		

■ Included in delivery.

### Accessories

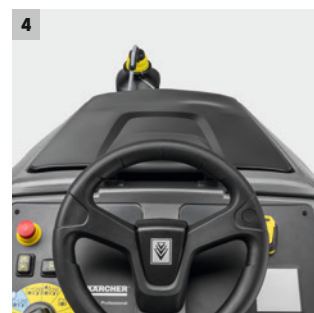
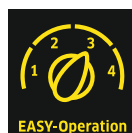
Product name	Order No.	Description	Price
DS 3 Cleaning Agent Dosing Station	2.641-811.0	Can be connected to the water tap; water and cleaning agent are simply filled into the fresh water tank. Can also be used with the ABS filling system. Not for Dose variants.	
Pre-sweep mop attachment kit	4.039-270.0	Attachment kit for carrying a pre-sweep mop. The pre-sweep unit can be attached to the scrubber drier so that the mop can also pick up dust and particles during operation.	
Bin liner holder attachment kit	4.039-269.0	Time-saving and useful accessory part: holder for convenient attachment of a bin liner or bin bag directly to the machine.	
Home Base Kit mop holder	4.039-271.0	Mop holder allows you to carry a mop on the machine. Easy attachment, convenient handling.	

## 95-LITRE CLASS



### Clean from the start

Kärcher's step-on scrubber driers make floor cleaning a pleasure. Ergonomic standing position and intuitive operation make for fatigue-free work.



#### 1 ecoefficiency

Programme selector switch with ecoefficiency mode.

- The programme selector switch lowers the brush head and the squeegee, and starts the suction turbine and the water supply.
- In ecoefficiency mode, power consumption is reduced considerably, and runtime thereby extended.

#### 2 Threefold safety

The machine has multiple safety features preventing unintentional starting. It can, for example, only be started when the operator is standing on the machine.

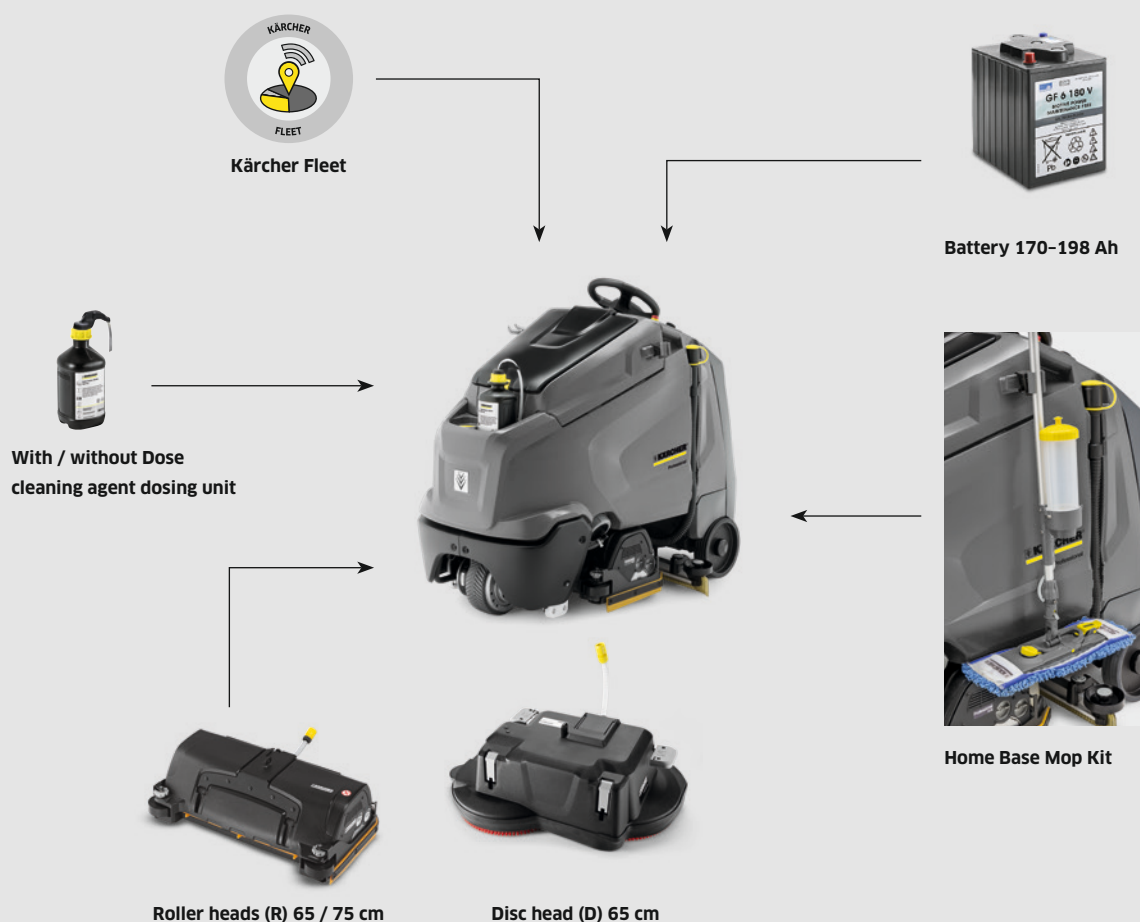
#### 3 Dose

Dose is an automatic on-board dosing system, developed by Kärcher, which saves on cleaning agent and is kind to the environment. With the help of Dose, the cleaning agent can be accurately dosed into the fresh water from the on-board cleaning agent bottles as needed. This means that there is always clean water in the fresh water tank. The concentration of the cleaning agent can be set from 0 to 3%, and the cleaning agent can be replaced in no time at all.

#### 4 Good overview

Thanks to the raised standing position, the operator is more easily seen by others in the environment, and has a better overview of the progress of the cleaning operation. The result: improved safety and better cleaning results.

# CONFIGURATION OF THE FULLY CUSTOMISED B 95 RS MACHINE



## Turbine protection

An easily accessible fine filter is built into the dirty water lid, protecting the turbine. This prolongs the lifetime.



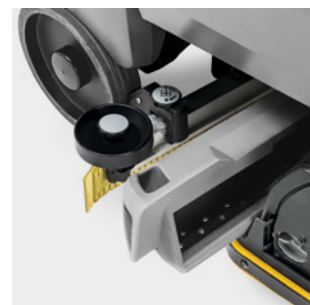
## Home Base Kit

Thanks to Kärcher's Home Base Kit, carriage of utensils is even possible on such a compact machine as the B 95 RS. It enables bottles, bags, cloths and even a mop to be easily carried.



## Good manoeuvrability

Because the user is optimally integrated into the machine, in spite of its 95-litre tank volume it is very short – and thus extremely manoeuvrable. Best conditions for good surface coverage, even in irregularly-shaped areas.



## Disc or roller

The B 95 RS is available with disc engineering (for smooth floors) or roller technology (for textured floors and stubborn dirt). The roller heads are also fitted with a sweeping function and are available in two working widths.

## INDIVIDUAL CONFIGURATION

The B 95 RS is available in various working widths. The disc version offers 65 centimetres, while the roller machine is available in 65-centimetre or 75-centimetre working widths. The additional equipment options such as Dose, the Home Base Mop Kit or the battery exchange trolley kit make the machine even more economical.



### 1 On-board battery charger

The high-quality, on-board battery charger is suitable for different battery types. The various charging characteristics are tailored to the batteries and preserve battery life, thus ensuring a long battery lifetime. The battery charger is very accessible from behind and is always on board. Thus, the machine can be recharged anywhere and the battery charger will not be forgotten.

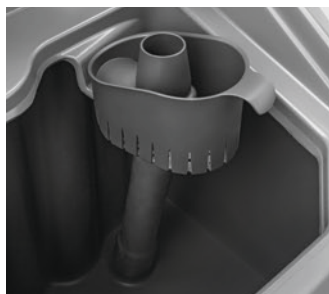
### 2 Efficient filling

Thanks to the standard Auto-Fill system, time spent filling the machine is not wasted, but can be put to good use. Just connect a fresh water hose, and the system stops automatically as soon as the tank is full.

### 3 Extremely user-friendly

The B 95 RS is equipped with a large graphical display that shows the key functions clearly and understandably. In combination with the KIK key system, the operation of the machine is made considerably simpler and safer: the foreman or manager adjusts the presetting, and the user cleans according to these settings.





		B 95 RS		
+ brush head		R 75	R 65	D 65 R
Technical data				
Working width, brushes	mm	750	650	650
Working width, vacuuming	mm	940	940	940
Theoretical area performance	m <sup>2</sup> /h	3000	2600	2600
Fresh/dirty water tank volume	l	95 / 95	95 / 95	95 / 95
Water flow, max.	l/min	3.5	3.5	3.5
Speed, max.	rpm	600-1300	600-1300	180
Rated input power, total machine	W	1800	1800	1800
Rated input power, traction motor	W	600	600	600
Weight (without battery)	kg	207	206	210
Weight with battery	kg	331	330	334
Dimensions (L × W × H)	mm	1425 × 771 × 1270	1425 × 765 × 1270	1425 × 765 × 1270
Cleaning agent dosing unit*	%	0-3	0-3	0-3
Brush contact pressure, max.	g/cm <sup>2</sup>	193	215	24
Voltage supply to machine	V	24	24	24
Voltage supply to battery charger	V/Hz	230 / 50-60	230 / 50-60	230 / 50-60
Equipment				
Roller brush		■	■	-
Disc brush		-	-	■
KIK (Kärcher Intelligent Key)		■	■	■
Display		■	■	■
eco!efficiency mode		■	■	■
Battery operation		■	■	■
FACT		■	■	-
On-board battery charger		■	■	■
Automatic brush head raising function		■	■	■
Automatic squeegee raising function		■	■	■
Electrically adjustable contact pressure		■	■	■
Auto-Fill (fresh water filling)		■	■	■
Tank rinsing		■	■	■
Configuration options				
Battery 4 × 6 V / 180 Ah, maintenance-free		□	□	□
4 × 6 V / 170 Ah, maintenance-free		□	□	□
4 × 6 V / 180 Ah, low-maintenance		□	□	□
2 × 12 V / 198 Ah, maintenance-free		□	□	□
Special options				
Dose cleaning agent dosing unit		□	□	□
Home Base Mop Kit		□	□	□
Kärcher Fleet		□	□	□
Order No.		1.006-200.2	1.006-200.2	1.006-200.2

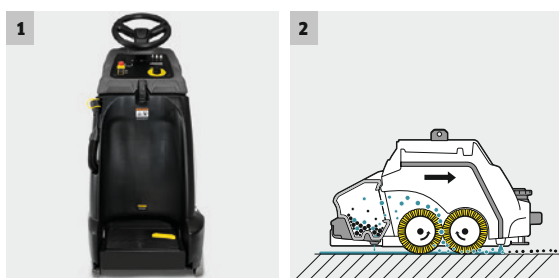
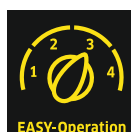
\* Option ■ Included in delivery. □ Compatible accessories.

## 40-LITRE CLASS



### Cleaning power in a compact package

Step-on scrubber drier in the 40-litre class. The BR 55/40 RS is a powerful, compact and easily manoeuvrable roller machine with a working width of 55 cm, which is ideal for small to medium-sized areas.



#### 1 Compact dimensions

- Full view from 30 cm in front of the vehicle. For predictive cleaning.
- Compact dimensions allow narrow clearance widths as well as easy storage and transport.

#### 2 With sweeping function

- Coarse dirt is picked up by 2 contra-rotating rollers and collected in a waste container.
- Coarse dirt is picked up in advance by 2 rollers to maintain suction power.

#### BR 55/40 RS Bp Pack

#### BR 55/40 RS Bp

- With two roller brushes
- Includes sweeping attachment
- Includes battery and charger (for 1.533-173.0)

#### Technical data

Working width, brushes	mm	550
Working width, vacuuming	mm	716
Fresh/dirty water tank	l	40 / 40
Theoretical area performance	m²/h	2350
Brush speed	rpm	1200
Brush contact pressure	g/cm²	300-315
Rated input power	W	1480
Traction motor	W	157
Weight	kg	216   112
Dimensions (L x W x H)	mm	1130 x 705 x 1543
Voltage, battery	V / Ah	36 / 76   36 / -
Voltage, charger	V / Hz	230 / 50-60   - / -

#### Equipment

Sweeping function	■
Traction drive	■
Battery and built-in charger included	■   -
Two-tank system	■
Squeegee, curved	■
Squeegee, straight	-
Order No.	1.533-173.0   -172.0
Price	

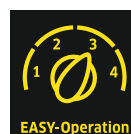
- Included in delivery.

## 40-LITRE CLASS



### Compact and powerful

Powerful, compact, agile: the BD 50/40 RS step-on scrubber drier is a disc machine with a working width of 51 cm, which is ideal for efficient and environmentally-friendly cleaning of small to medium-sized areas.



#### 1 Simple operation

- Easy to use.
- eco!efficiency mode saves time, energy, water and cleaning agent.

#### 2 Automatic filling option

- The machine is simply connected to the water supply. The water supply is automatically shut off when the machine is filled to capacity.
- This saves time, as the operator can do other jobs in the meantime.

### BD 50/40 RS Bp Pack BD 50/40 RS Bp

- With disc brush
- Innovative squeegee rotation
- Includes battery and charger (for 1.533-171.0)

#### Technical data

Working width, brushes	mm	508
Working width, vacuuming	mm	691
Fresh/dirty water tank	l	40 / 40
Theoretical area performance	m <sup>2</sup> /h	2200
Brush speed	rpm	180
Brush contact pressure	g/cm <sup>2</sup>	20
Rated input power	W	1080
Traction motor	W	157
Weight	kg	200   96
Dimensions (L × W × H)	mm	1130 × 680 × 1543
Voltage, battery	V / Ah	36 / 76   36 / -
Voltage, charger	V / Hz	230 / 50-60   - / -

#### Equipment

Sweeping function	-
Traction drive	■
Battery and built-in charger included	■   -
Two-tank system	■
Squeegee, curved	■
Squeegee, straight	-

Order No.	1.533-171.0   -170.0
Price	

■ Included in delivery.

# 120-LITRE CLASS



## Our most powerful scrubber drier

The largest and most powerful machine in its class. Quick, clean and astonishingly manoeuvrable, it takes care of the entire cleaning process. Its robust construction style makes the machine ideal for industrial use.



### 1 Maximum convenience

All adjustments can be made via the control panel with its large colour display: contact pressure, water volume, turbine power, cleaning agent dosing unit, roller speed, etc. The machine also gives other information – for example, the current water level or the remaining runtime. The brush head and the squeegee are automatically lowered for cleaning and raised in reverse.

- Brush head, squeegee and side brush are lowered automatically.
- Can be set to many different modes.
- Easy to operate.



### 2 Large energy reservoir

In order for it to cope effortlessly with even more demanding cleaning tasks, the machine is fitted with a 36 V power supply. According to demand, 5 different battery sizes and types are available (batteries from 170 to 240 Ah, low-maintenance wet batteries or maintenance-free gel batteries). This allows work intervals as long as 5 hours to be handled if necessary. The on-board battery charger is pre-programmed with various charge curves perfectly matched to the different battery types and capacities, which can be selected conveniently on the display. For batteries with a longer lifetime.



### 3 Asymmetrical line guidance

Particularly with larger machines, improved visibility reduces the danger of damage to other objects or to the machine itself. For this reason, the B 120 W is fitted with an asymmetrical line guidance. This guarantees the best view of the surface to be cleaned and of the brush head on the side next to the edge. The result: better safety and an increased work rate.



### 4 Fresh water filtered

No matter how careful the user is, it may occasionally happen that dirt gets into the fresh water tank. There are also often particles such as sand or rust in water lines. These can interrupt the fresh water pump. To avoid this, a particle filter with a mesh size of only 0.2 mm has been built into the large fresh water drain outlet. Stoppage of the fresh water pump due to dirt is therefore reliably prevented.

# CONFIGURATION OF THE FULLY CUSTOMISED B 120 W MACHINE



**Innovative tank rinsing system**  
Makes cleaning the dirty water tank a breeze.



**Safe and convenient**  
The non-slip main wheels are especially large, so as to compensate better for uneven surfaces.



**Always informed**  
The display gives information about any maintenance work due, e.g. inspection of brushes or suction lips.

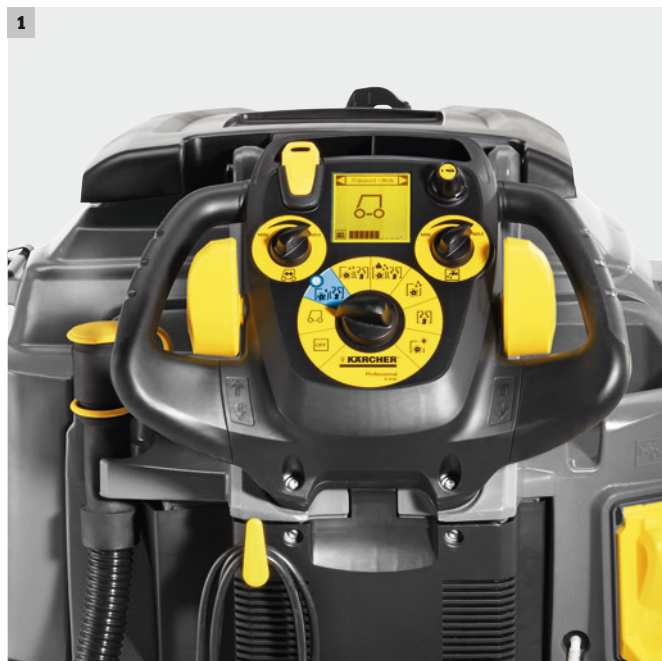


**Safely protected**  
The fine filter in the dirty water lid gives the turbine additional protection against dirt particles.



## INDIVIDUAL CONFIGURATION

Kärcher's customers have the choice, and can assemble their machine according to their needs. There are four different brush heads to choose from as well as two working widths (75 and 90 cm) and the choice of a disc version (D) or a roller version (R). The special "Home Base" option enables cleaning utensils to be carried on the machine and the spray vacuum special option enables wet cleaning and suctioning of areas that would otherwise be difficult or impossible to reach with the machine.



### 1 Everything in view – and everything to hand

Thanks to the clearly arranged control panel, the operator always has a good view of everything. The maximum speed and water volume can be set using the large graphical display. With the KIK system, various access rights to the adjustments are given. The grey key is for the foreman or manager, and the yellow and optional white keys are for the operator. Cleaning- and safety-related parameters such as water volume, maximum cleaning speed, brush speed, suction power and runtime per key can be pre-defined with the white key by the person responsible. This makes work convenient, efficient and safe.



### 2 Good accessibility

On the B 120 W, the two-part tank can easily be opened. This makes the battery compartment easily accessible. In this way, the acid level of low-maintenance batteries, for example, can be checked quickly and easily at any time.



### 3 Perfect suction

The specially angled squeegee can pivot over an especially large range, enabling it to pick up the water reliably even during turning manoeuvres. The suction lip is made of polyurethane with exceptionally long working life. Thanks to the easily adjustable rollers, the squeegee can be positioned to perfectly match the underlying surface.



		B 120 W				
+ brush head		R 90	D 90	R 75	D 75	D 110
Technical data						
Working width, brushes	mm	900	900	750	750	1100
Working width, vacuuming	mm	1060 / 1160	1060 / 1160	940	940	1160
Theoretical area performance	m <sup>2</sup> /h	3600	3600	3000	3000	4400
Fresh/dirty water tank volume	l	120 / 120	120 / 120	120 / 120	120 / 120	120 / 120
Water flow, max.	l/min	10	10	10	10	10
Speed, max.	rpm	600-1300	180	600-1300	180	180
Rated input power, total machine	W	2200	2200	2200	2200	2200
Weight with 170 / 180 wf / 180 wa / 180 Ah in the tray / 240 Ah	kg	356 / 350 / 412 / 338 / 454	362 / 356 / 418 / 344 / 454	349 / 343 / 405 / 331 / 415	358 / 352 / 414 / 340 / 445	376 / 365 / 359 / 432 / 465
Dimensions (L × W × H)	mm	1653 × 910 × 1153	1782 × 977 × 1153	1653 × 810 × 1153	1722 × 809 × 1153	1900 × 1100 × 1153
Cleaning agent dosing unit*	%	0-3	0-3	0-3	0-3	0-3
Brush contact pressure, max.	g/cm <sup>2</sup>	425	25	459	40	18
Voltage supply to machine	V	36	36	36	36	36
Voltage supply to battery charger	V / Hz	220-240 / 50-60	220-240 / 50-60	220-240 / 50-60	220-240 / 50-60	220-240 / 50-60
Equipment						
Roller brush		■	-	■	-	-
Disc brush		-	■	-	■	■
KIK (Kärcher Intelligent Key)		■	■	■	■	■
EUnited cleaning certificate		-	■	-	■	-
ecoefficiency mode		■	■	■	■	■
Battery operation		■	■	■	■	■
FACT		■	-	■	-	-
Traction drive		■	■	■	■	■
On-board battery charger		■	■	■	■	■
Parking brake		■	■	■	■	■
Automatic brush head raising function		■	■	■	■	■
Automatic squeegee raising function		■	■	■	■	■
Electrically adjustable contact pressure		■	■	■	■	■
Auto-Fill (fresh water filling)		■	■	■	■	■
Tank rinsing		■	■	■	■	■
Configuration options						
Battery, maintenance-free (6 × 6 V), 170 Ah / 180 Ah / 240 Ah		□	□	□	□	□
Battery, low-maintenance 180 Ah (6 × 6 V or 1 × 36 V)		□	□	□	□	□
Battery 1 × 36 V / 180 Ah, low-maintenance tray		□	□	□	□	□
Straight squeegee, 940 mm / 1060 mm		- / □	- / □	□ / -	□ / -	- / -
Curved squeegee, 940 mm / 1060 mm		- / □	- / □	□ / -	□ / -	- / -
Squeegee, angled, 1160 mm		□	□	□	□	□
Special options						
Dose cleaning agent dosing unit		□	□	□	□	□
Home Base Mop Kit		□	□	□	□	□
Home Base Box Kit		□	□	□	□	□
Spray suction		□	□	□	□	□
Kärcher Fleet		□	□	□	□	□
Order No.		1.005-100.2	1.005-100.2	1.005-100.2	1.005-100.2	1.005-100.2

\* Option   ■ Included in delivery.   □ Compatible accessories.

## 80-LITRE CLASS



### High area performance and optimal convenience in industrial use

The B 80 W scrubber drier presents itself at the highest level with numerous practical equipment features for cleaning activities on large surfaces. This includes, for example, the KIK intelligent key system, automatic brush head and squeegee raising function, electric contact pressure adjustment, convenient adjustment of the water volume directly on the control panel, the effective parking brake, different battery sizes and working widths, as well as a large display. In short: the B 80 W is the perfect solution for cleaning large industrial and retail areas.



#### 1 Automatically good: squeegee and brush head raising

The B 80 W lowers and raises the brush head automatically when moving off and stopping. The squeegee is also automatically lowered when the machine starts moving, and automatically raised for reverse travel. In this way, the machine can be easily manoeuvred without hesitation and damage to the floor or machine can be avoided.



#### 2 Intelligent keys: the KIK system (Kärcher Intelligent Key)

Two keys, two colours: grey for supervisors or adjusters, yellow for operators. With the grey key, user access rights can be granted for the yellow keys and settings defined as standard (e.g. driving speed, brush speed, or cleaning agent dosing unit). This means that operating errors can be avoided as far as possible.



#### 3 High stability: the parking brake

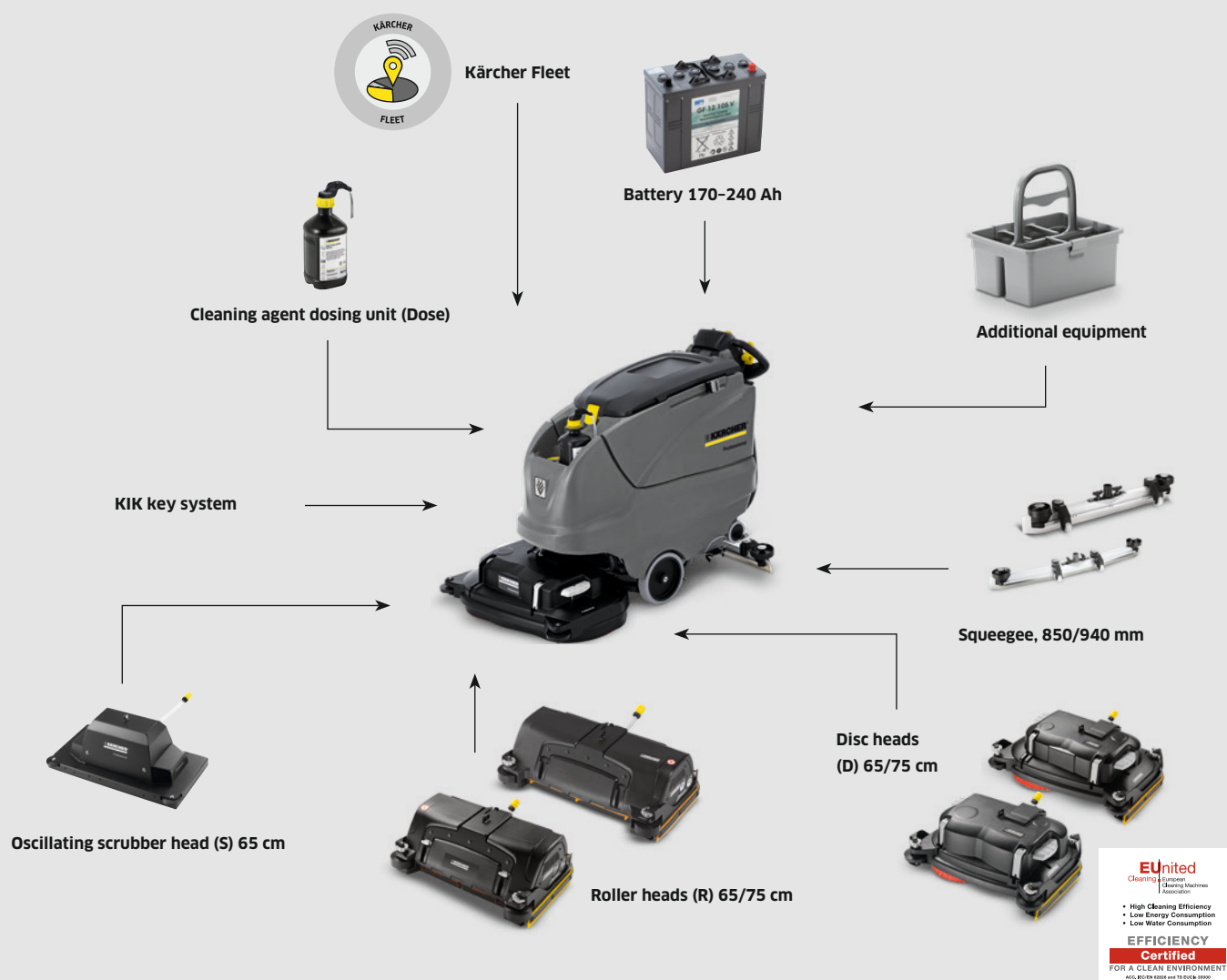
Prevents the machine from accidentally rolling away – for example when switched off on an uneven surface, when emptying or filling or transporting in vehicles – the B 80 W is fitted with a parking brake as standard. In this way, the machine offers significantly more safety and convenience, even when operating on inclines.



#### 4 Two working widths: 65 or 75 cm

Choose either roller heads with 2 effective roller brushes and integrated sweeping function, or disc heads with 2 disc brushes. Both heads are available in 2 working widths (65 and 75 cm) for theoretical area performances of 2600 and 3000 m<sup>2</sup>/h.

# CONFIGURATION OF THE FULLY CUSTOMISED B 80 W MACHINE



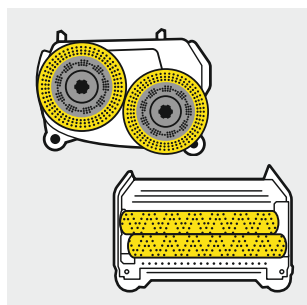
## Standard equipment

Fitted with a tank rinsing system as standard for easy cleaning of the dirty water tank and automatic filling system for efficient and safe filling of the fresh water tank.



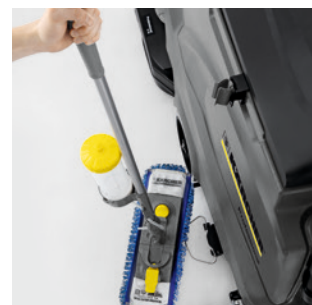
## Squeegees

Two different squeegee widths are available, depending on the working width. These are both available either curved for surfaces with crevices, or straight for smooth surfaces or difficult ground conditions.



## Brush heads

Roller heads (R) have benefits for cleaning textured floors, for deep crevices and for removal of stubborn dirt. Disc heads (D) are especially useful on smooth surfaces.



## Special options

To make the machine even more efficient, additional special options are available, such as the cleaning agent dosing unit (Dose) or the Home Base system (Mop or Box).

# TECHNICAL DATA AND EQUIPMENT

	B 80 W Bp				
Standard equipment	R 75	D 75	R 65	D 65	S 65
Roller brush	■	-	■	-	-
Disc brush	-	■	-	■	-
KIK (Kärcher Intelligent Key)	■	■	■	■	■
EUnited cleaning certificate	-	■	-	■	-
ecoefficiency mode	■	■	■	■	■
Battery operation	■	■	■	■	■
FACT	■	-	■	-	-
Traction drive	■	■	■	■	■
On-board battery charger (100-240 V)	■	■	■	■	■
Parking brake	■	■	■	■	■
Automatic brush head raising function	■	■	■	■	■
Automatic squeegee raising function	■	■	■	■	■
Electrically adjustable contact pressure	■	■	■	■	■
Auto-Fill (fresh water filling system)	■	■	■	■	■
Tank rinsing	■	■	■	■	■
Sweeping function	■	-	■	-	-
<b>Special options</b>					
Dose cleaning agent dosing unit	□	□	□	□	□
Home Base Mop Kit	□	□	□	□	□
Home Base Box Kit	□	□	□	□	□
Kärcher Fleet	□	□	□	□	□
Order No.	1.259-010.2	1.259-010.2	1.259-010.2	1.259-010.2	1.259-010.2

■ Included in delivery. □ Compatible accessories.



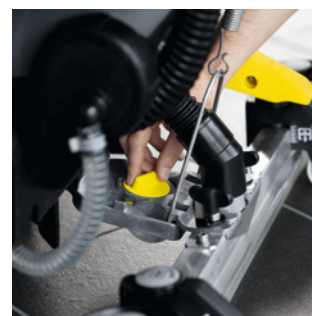
## Simply always clean

The B 80 W features integrated tank rinsing. The dirty water tank can be cleaned using a nozzle system after cleaning work. To do this, a water hose is connected using a quick coupling and the drain hose of the dirty water tank is opened. In this way, the B 80 W supports the HACCP concept and easily ensures hygiene and health protection.



## Simple scrubbing and sweeping in a single procedure

The sweeping function is included with all roller heads (R 65 and R 75). Sweeping, scrubbing and vacuuming in a single procedure, with no need for laborious and time-consuming pre-sweeping.



## Simply turn to adjust

Adjusting the squeegee angle for different types of flooring is easy with the control knob. In an instant.



# INDIVIDUAL CONFIGURATION

		B 80 WBp				
+ brush head		R 75	D 75	R 65	D 65	S 65
Working width, brushes	mm	750	750	650	650	650
Working width, vacuuming	mm	940	940	850	850	850
Theoretical area performance	m <sup>2</sup> /h	3000	3000	2600	2600	2200
Fresh/dirty water tank volume	l	80 / 80	80 / 80	80 / 80	80 / 80	80 / 80
Water flow, max.	l/min	7	7	7	7	7
Speed, max.	rpm	600-1300	180	600-1300	180	2000
Rated input power, total machine	W	2200	2200	2200	2200	900
Rated input power, traction motor	W	350	350	350	350	350
Weight (without battery)	kg	129	133	128	131	133
Weight with 170 / 180 / 240 battery	kg	262 / 257 / 311	261 / 256 / 310	261 / 256 / 310	264 / 259 / 313	261 / 256 / 310
Dimensions (L × W × H)	mm	1550 × 809 × 1154	1617 × 810 × 1154	1550 × 748 × 1154	1577 × 746 × 1154	1497 × 700 × 1154
Cleaning agent dosing unit*	%	0-3	0-3	0-3	0-3	0-3
Brush contact pressure (max.)	g/cm <sup>2</sup>	374	28	430	32	23
Voltage supply to machine	V	24	24	24	24	24
Voltage supply to battery charger	V / Hz	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60
<b>Configuration options</b>						
Battery, gel, maintenance-free (170, 180 or 240 Ah)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Battery, gel, low-maintenance (180 Ah)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, straight, with support rollers, oil-resistant polyurethane (850 mm)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, curved, with support rollers, oil-resistant polyurethane suction lips (850 mm)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, straight, with support rollers, oil-resistant polyurethane (940 mm)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, curved, with support rollers, oil-resistant polyurethane suction lips (940 mm)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Order No.</b>		<b>1.259-010.2</b>	<b>1.259-010.2</b>	<b>1.259-010.2</b>	<b>1.259-010.2</b>	<b>1.259-010.2</b>

\* Option. ☐ Compatible accessories.



## 1 Auto-Fill

The fresh water tank is automatically filled by connecting a hose with conventional quick coupling and turning on the tap. The supply automatically stops when the tank is full. Very easy and convenient.



## 2 Dosing made easy

With the Dose cleaning agent dosing system, the cleaning agent is added to the fresh water when required. The dosing can be adjusted from 0 to 3%.



## 3 All on board

With the Home Base system, additional utensils can be practically carried on the machine. With the Home Base Mop Kit, for example, you can carry a mop for surfaces that cannot be reached with the machine, and the Home Base Box Kit can be used for bottles, cloths, scrapers, etc.



## 4 Customised runtime

Batteries from 170 to 240 Ah, 24 volts, are available. For runtimes of up to 5 hours. The built-in charger is perfectly adapted for the different batteries. This protects the batteries and ensures a long lifetime.

## 60-LITRE CLASS



### For maximum flexibility on medium-sized surfaces

Efficient cleaning has a new name: B 60 W. The machine is not just economical, but also yields an impressively high area performance. For cleanliness made to measure, the equipment configuration, working width and squeegee shape can be selected according to the requirements profile. The KIK system guarantees especially simple and secure operation. The operator's setting options can be precisely defined in advance. In addition, the eco!efficiency mode only reduces the effective power of the motors slightly, but extends the battery runtime by up to 30 %!



#### 1 Appropriate settings: the adjustable contact pressure

The contact pressure can be set manually in different lock-in positions. The benefits are obvious:

- No danger of burn-in effects on sensitive floors.
- Reduced power consumption of the motor – for a longer battery runtime.
- Less wear and tear of brushes and pads.

#### 2 Intelligent keys: the KIK system (Kärcher Intelligent Key)

Two keys, two colours: grey for supervisors or adjusters, yellow for operators. With the grey key, user access rights can be granted for the yellow keys and settings defined as standard (e.g. driving speed, brush speed, or cleaning agent dosing unit). This means that operating errors can be avoided as far as possible.

#### 3 Brilliantly efficient: the eco!efficiency mode

Thanks to the eco!efficiency mode, the battery runtime is extended by up to 30%. In this mode, the power of the suction turbine and the brush motors is only minimally reduced. On smooth floors in particular, a low turbine power is already sufficient to achieve perfect results.

#### 4 Cleanliness guaranteed: tank rinsing

The B 60 W can also be fitted with integrated tank rinsing. The dirty water tank can be cleaned using a nozzle system after cleaning work. To do this, a water hose is connected using a quick coupling and the drain hose of the dirty water tank is opened. In this way, the B 60 W supports the HACCP concept and easily ensures hygiene and health protection.

# CONFIGURATION OF THE FULLY CUSTOMISED B 60 W MACHINE



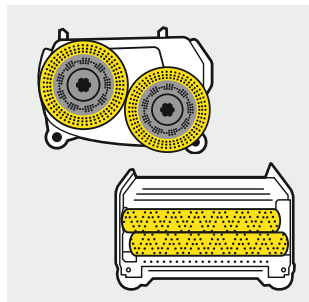
## Mains or battery operation

The B 60 W is available with mains as well as battery operation. With the mains model, the forward motion takes place via the brushes.



## Additional special options

Kärcher Home Base Kits make it easier to carry additional equipment on board.



## Brush heads

Various brush head types are available: roller heads (R), disc heads (D) and an oscillating scrubber head (S).



## Squeegees

For optimal suction, even in curves, squeegees are available in various widths: 850 mm for working widths up to 55 cm, 940 mm for 65 cm working width.

# INDIVIDUAL CONFIGURATION

There are two different basic models to choose from: the B 60 W Ep (mains operation) and the B 60 W Bp (battery). There are four brush heads available in disc and roller versions and with various working widths. You can also choose from two battery types and four squeegee types. Attractive special options, such as the Kärcher tank rinsing system, the Dose automatic cleaning agent dosing unit or the practical Home Base Kits, complete the package.

		B 60 W Ep / B 60 C Bp Classic	
+ brush head		R 55	D 51
Working width, brushes	mm	550	510
Working width, vacuuming	mm	850	850
Theoretical area performance	m²/h	2200	2040
Fresh / dirty water tank volume	l	60	60
Water flow, max.	l/min	3.6	3.6
Speed, max.	rpm	1100	180
Rated input power, total machine	W	1450	1450
Rated input power, traction motor	W	-	-
Weight (without battery)	kg	88.5	88.5
Weight with 105/170/180 battery	kg	- / 185 / 232 / 231	- / 185 / 232 / 231
Dimensions (L × W × H)	mm	1381 × 649 × 1147	1500 × 638 × 1147
Cleaning agent dosing unit*	%	-	-
Contact pressure	g/cm²	170	20
Voltage supply to machine	V/Hz / V/Ah	230/50 / 24/-	230/50 / 24/-
<b>Standard equipment</b>			
Roller brush		■	-
Disc brush		-	■
KIK (Kärcher Intelligent Key)		-	-
EUnited cleaning certificate		-	-
eco!efficiency mode		-	-
Mains operation		■ / -	■ / -
Battery operation		- / ■	- / ■
FACT		-	-
Traction drive		- / -	- / -
On-board battery charger (100-240 V / 50-60 Hz)		-	-
Adjustable contact pressure		■ / -	■ / -
<b>Configuration options</b>			
Battery, gel, maintenance-free (105, 170 or 180 Ah)		- / □	- / □
Battery, gel, low-maintenance (180 Ah)		- / □	- / □
Squeegee, straight, with support rollers, oil-resistant polyurethane (850 mm)		□	□
Squeegee, curved, with support rollers, oil-resistant polyurethane suction lips (850 mm)		□	□
Squeegee, straight, with support rollers, oil-resistant polyurethane (940 mm)		□	□
Squeegee, curved, with support rollers, oil-resistant polyurethane suction lips (940 mm)		□	□
<b>Special options</b>			
Dose cleaning agent dosing unit		-	-
Home Base Mop Kit		□	□
Home Base Box Kit		□	□
Auto-Fill (fresh water filling system)		□	□
Tank rinsing system		□	□
Kärcher Fleet		-	-
Order No.		1.384-020.2	1.384-020.2

\* Option   ■ Included in delivery.   □ Compatible accessories.



R 65	D 65	R 55	D 55	S 65
650	650	550	550	650
940	940	850	850	850
2600	2600	2200	2200	2200
60	60	60	60	60
3.6	3.6	3.6	3.6	3.6
600-1300	180	600-1300	180	2000
2100	2100	2100	2100	900
300	300	300	300	300
109	109	109	109	115
185 / 232 / 231	185 / 232 / 231	185 / 232 / 231	185 / 232 / 231	191 / 248 / 243
1520 × 748 × 1147	1520 × 746 × 1147	1490 × 672 × 1147	1480 × 666 × 1147	1436 × 700 × 1147
0-3	0-3	0-3	0-3	0-3
265	26	315	35	18
24 / -	24 / -	24 / -	24 / -	24 / -
■	-	■	-	-
-	■	-	■	-
■	■	■	■	■
-	■	-	-	-
■	■	■	■	■
-	-	-	-	-
■	■	■	■	■
■	-	■	-	-
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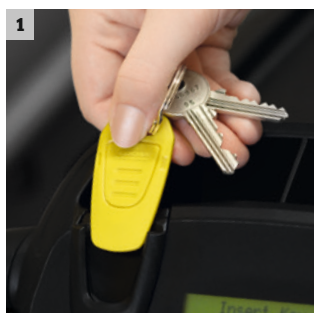


## 40-LITRE CLASS



### Quiet and compact, with an innovative operating concept

Why should a machine just be easy to operate, when it could be even easier? As well as safer and more convenient in many ways? With Kärcher Intelligent Key and the advanced EASY Operation concept, the B 40 C/W family offers a hitherto unknown level of safety and protection for the operator, machine and work area.



#### 1 Safety: a key function

The KIK system offers much greater protection against erroneous operation. Operators cannot change the machine's basic presettings. These have been previously preset by the supervisor for each cleaning task or for the building. The operator only needs to insert the key and the default programme starts via EASY Operation. The B 40 C/W can only be started with the associated coded key and is thus also protected against unauthorised use.



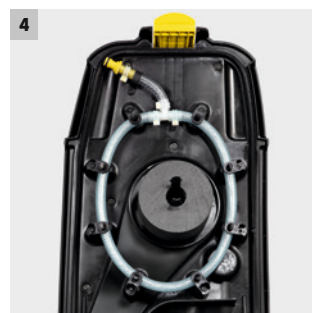
#### 2 Quiet, strong and efficient

With the option to reduce power in eco:efficiency mode and thereby reduce the noise level by up to 4 dB(A), the B 40 C/W is also a good choice for sensitive work areas. In maintenance cleaning, it shines in every configuration thanks to its efficiency and also features an impressively long battery runtime.



#### 3 Auto-Fill

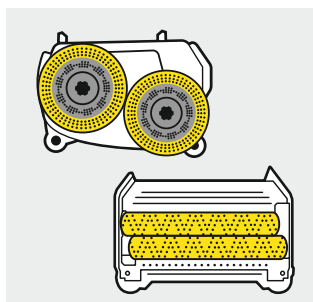
The fresh water tank can be quickly filled by connecting a hose with conventional quick coupling and turning on the tap. The supply automatically stops when the tank is full. Very easy and convenient.



#### 4 Simply always clean

The B 40 C/W is the first machine to feature an integrated tank rinsing system. The dirty water tank can be cleaned using a nozzle system after cleaning work. To do this, a water hose is connected using a quick coupling and the drain hose of the dirty water tank is opened. In this way, the B 40 C/W supports the HACCP concept and ensures hygiene and health protection in a simple way.

# CONFIGURATION OF THE FULLY CUSTOMISED B 40 C/W MACHINE



## Brush heads

Various working widths (from 43 to 55 cm) are available depending on the application requirements. Roller or disc system. Roller always has a sweeping function.



## Mains or battery

Choice of battery or mains operation. Different battery types to choose from. Up to 3.5 hours runtime.



## Squeegees

There are several squeegees to choose from: curved or straight, with rubber suction lips or wear-resistant, oil-resistant polyurethane.



## Special options

A variety of additional equipment is available: traction drive, Dose cleaning agent dosing unit, automatic filling, mop holder, automatic rinsing system.

# INDIVIDUAL CONFIGURATION

Three different basic models to choose from: for mains operation (B 40 C Ep), with battery (B 40 C Bp) or with battery and powerful drive motor (B 40 W Bp). In addition, 4 working heads in 2 different working widths, and with disc or roller. Choose from three different battery types and four different squeegees. And choose unique special equipment, for example the tank rinsing system.

		B 40 W Bp			
+ brush head		R 45	D 43	R 55	D 51
Nominal voltage	V	24	24	24	24
Working width, brushes	mm	450	430	550	508
Working width, vacuuming	mm	850	850	850	850
Theoretical area performance	m <sup>2</sup> /h	1800	1700	2200	2000
Fresh / dirty water tank volume	l	40 / 40	40 / 40	40 / 40	40 / 40
Water flow, max.	l/min	2.6	2.6	2.6	2.6
Speed, max.	rpm	1200	180	1200	180
Rated input power, total machine, max.	W	1300	1300	1300	1300
Rated input power, traction motor	W	130	130	130	130
Weight (without battery)	kg	87	91	88	93
Weight with 70 Ah, maintenance-free, battery	kg	129	133	130	135
Weight with 105 Ah, maintenance-free, battery	kg	163	167	164	169
Weight with 80 Ah, low-maintenance, battery	kg	149	153	150	155
Dimensions (L × W × H)	mm	1249 × 520 × 1245	1249 × 537 × 1145	1249 × 620 × 1145	1249 × 575 × 1145
Cleaning agent dosing unit*	%	0-3	0-3	0-3	0-3
Contact pressure	g/cm <sup>2</sup>	160	50	140	30
Standard equipment					
Roller brush		■	-	■	-
Disc brush		-	■	-	■
KIK (Kärcher Intelligent Key)		■	■	■	■
EUnited cleaning certificate		-	■	-	■
Mains operation		-	-	-	-
Battery operation		■	■	■	■
FACT		■	-	■	-
Traction drive		■	■	■	■
On-board battery charger		■	■	■	■
Configuration options					
Battery, gel, maintenance-free (70 Ah)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Battery, gel, maintenance-free (105 Ah)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Battery, wet, low-maintenance (80 Ah)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, straight, natural rubber suction lips		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, curved, natural rubber suction lips		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, straight, with support rollers, oil-resistant polyurethane suction lips		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Squeegee, curved, with support rollers, oil-resistant polyurethane suction lips		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special options					
Dose cleaning agent dosing unit		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Home Base Mop Kit		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Home Base Box Kit		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Auto-Fill (fresh water filling system)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tank rinsing system		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Order No.		1.533-210.2	1.533-210.2	1.533-210.2	1.533-210.2

\* Option   ■ Included in delivery.   □ Compatible accessories.

**B 40 C Bp / Classic**

R 45	D 43	R 55	D 51
24	24	24	24
450	430	550	508
850	850	850	850
1800	1700	2200	2000
40 / 40	40 / 40	40 / 40	40 / 40
2.6	2.6	2.6	2.6
1200	180	1200	180
1100	1100	1100	1100
-	-	-	-
80	84	81	86
122	126	123	128
156	160	157	162
142	146	143	148
1249 × 520 × 1145	1249 × 537 × 1145	1249 × 620 × 1145	1249 × 575 × 1145
0-3 / -	0-3 / -	0-3 / -	0-3 / -
160	50	140	30
■	-	■	-
-	■	-	■
■ / -	■ / -	■ / -	■ / -
-	-	-	-
-	-	-	-
■	■	■	■
■ / -	-	■ / -	-
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**B 40 C Ep**

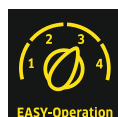
R 45	D 43	R 55	D 51
230-240	230-240	230-240	230-240
450	430	550	508
850	850	850	850
1800	1700	2200	2000
40 / 40	40 / 40	40 / 40	40 / 40
2.6	2.6	2.6	2.6
1100	180	1100	180
1300	1300	1300	1300
-	-	-	-
76	77	77	79
-	-	-	-
-	-	-	-
-	-	-	-
1249 × 520 × 1145	1249 × 537 × 1145	1249 × 620 × 1145	1249 × 575 × 1145
-	-	-	-
190	26	170	20
■	-	■	-
-	■	-	■
-	-	-	-
-	-	-	-
■	■	■	■
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1.533-210.2	1.533-210.2	1.533-210.2	1.533-210.2

## 50- TO 60-LITRE CLASS



### Compact and manoeuvrable for medium-sized areas

The compact dimensions of these scrubber driers provides amazing manoeuvrability as well as visibility of the surface to be cleaned. This makes them extremely easy to operate.



#### 1 Affordable entry-level model

- Excellent price-performance ratio.
- Reduced to the most important functions.



#### 2 Simple operation thanks to EASY Operation panel

- Self-explanatory symbols and clear control panel.
- Brief familiarisation phases.
- Simple, yellow colour-coded control elements make the machine easy to use.



#### 3 Large tank volume with compact dimensions

- Extremely manoeuvrable.
- Offers a clear view of the cleaning surface.



#### 4 Large working width

- Integrated disc brush head with 51-centimetre/20-inch brush.
- For efficient cleaning of medium-sized areas.



# TECHNICAL DATA AND EQUIPMENT

		BD 50/50 C Bp Pack Classic	BD 50/50 C Bp Classic	BD 50/60 C Ep Classic
		■ Battery-powered ■ One disc ■ Extremely easy to use	■ Battery-powered ■ One disc ■ Extremely easy to use	■ Mains operation ■ One disc ■ Extremely easy to use
<b>Technical data</b>				
Working width, brushes	mm	510	510	510
Working width, vacuuming	mm	850	850	850
Fresh/dirty water tank	l	50 / 50	50 / 50	60 / 60
Max. area performance	m <sup>2</sup> /h	2040	2040	2040
Brush speed	rpm	155	155	155
Brush contact pressure	g/cm <sup>2</sup>	27.3–28.5	27.3–28.5	27.3–28.5
Rated input power	W	1100	1100	1100
Mains voltage	V	–	–	230
Frequency	Hz	–	–	50
Voltage, battery	V / Ah	24 / 105	24	–
Voltage, charger	V / Hz	100–240 / 50–60	–	–
Weight	kg	134	57	57
Dimensions (L × W × H)	mm	1185 × 540 × 1000	1185 × 540 × 1000	1185 × 540 × 1000
<b>Equipment</b>				
Disc brush		■	■	■
Mains operation		–	–	■
Battery operation		■	■	–
Battery and charger included		■	–	–
Includes squeegee		–	–	–
Order No.		1.127-006.0	1.127-001.0	1.127-002.0
Price				

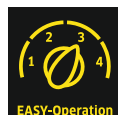
■ Included in delivery.

## 22- TO 35-LITRE CLASS



### Small and manoeuvrable. Quick and thorough

Whether for quick interim cleaning or scheduled maintenance cleaning: these 25- to 35-litre class compact scrubber driers do a superior job. Thanks to their compact dimensions and manoeuvrability, these walk-behind machines with disc technology are ideal for smaller areas. They are very easy to operate.



#### 1 Robust and durable control elements

- Designed for daily use.
- Robust, durable, reliable machine.

#### 3 Small, compact machine

- Extremely manoeuvrable machine.
- Clear view of surfaces to be cleaned.

#### 2 Simple operation thanks to EASY Operation panel

- Self-explanatory symbols and clear control panel.
- Brief familiarisation phases.
- Simple, yellow colour-coded control elements make the machine easy to use.

#### 4 Large battery compartment for all standard battery types

- Easily accessible battery compartment for battery replacement.
- Also suitable for multiple shift operation.

# TECHNICAL DATA AND EQUIPMENT

		BD 43/25 C Bp Pack	BD 43/25 C Bp	BD 43/35 C Ep
		<ul style="list-style-type: none"> <li>■ Efficient single-disc engineering</li> <li>■ Battery-powered</li> <li>■ Non-corrosive frame</li> </ul>	<ul style="list-style-type: none"> <li>■ Efficient single-disc engineering</li> <li>■ Battery-powered</li> <li>■ Non-corrosive frame</li> </ul>	<ul style="list-style-type: none"> <li>■ Efficient single-disc engineering</li> <li>■ Mains operation</li> <li>■ Non-corrosive frame</li> </ul>
<b>Technical data</b>				
Working width, brushes	mm	430	430	430
Working width, vacuuming	mm	850	850	850
Fresh/dirty water tank	l	25 / 25	25 / 25	35 / 35
Area performance	m <sup>2</sup> /h	1720	1720	1720
Rated input power	W	1100	1100	1400
Brush contact pressure	g/cm <sup>2</sup>	30-40	30-40	30-40
Brush speed	rpm	180	180	180
Mains voltage	V	-	-	230
Frequency	Hz	-	-	50
Voltage, charger	V / Hz	230 / 50-60	-	-
Voltage, battery	V / Ah	24 / 76	24	-
Weight	kg	107	48	48
Dimensions (L × W × H)	mm	1136 × 505 × 1030	1136 × 505 × 1030	1136 × 505 × 1030
<b>Equipment</b>				
Roller brush		-	-	-
Disc brush	■	■	■	■
Two-tank system	■	■	■	■
Mains operation	-	-	-	■
Battery and charger included	■	-	-	-
Variable contact pressure	-	-	-	-
Transport wheels	-	-	-	-
Order No.		1.515-403.0	1.515-400.0	1.515-401.0
Price				

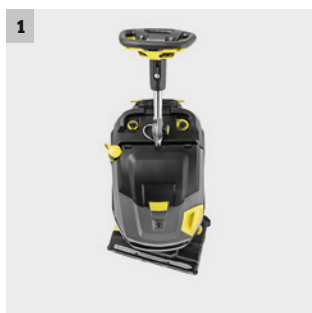
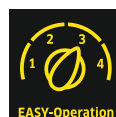
■ Included in delivery.

## 22- TO 35-LITRE CLASS



### Maximum agility on smaller surfaces

Our scrubber drier BR 45/22 C is ideal for cleaning smaller surfaces. At 450 mm, the working width is perfectly measured, while the long-life lithium-ion batteries ensure long work intervals. The machine, which is equipped with a rotatable roller head, follows the direction that the operator drives in. Above all, it is very light, compact and extremely agile.



#### 1 Brush head rotatable by +/- 200° with KART technology

- Enables extreme manoeuvrability of the machine, even in areas with a lot of furniture and when negotiating curves.
- The brush is always transverse to the direction of travel. The squeegee reliably absorbs the water in every corner.
- Cleaning and vacuuming in reverse is easily possible.



#### 2 Includes sweeping function

- Efficiently sweep, scrub and vacuum in a single procedure.
- Vacuums small stones, splinters of wood and other small parts.
- Promotes optimal operation of the squeegee.



#### 3 Includes high-performance lithium-ion battery

- Completely maintenance-free and with a service life that is up to three times longer than conventional batteries.
- Interim and partial charging possible as required.
- Very fast charging times (full charge in 3 hours, half charge in 1 hour).



#### 4 Compact machine design

- Makes it possible to drive away from walls at a 90° angle.
- The lack of machine protrusions makes handling easier.

# TECHNICAL DATA AND EQUIPMENT

## BR 45/22 C Bp Pack

- Lithium-ion battery
- Built-in charger included in scope of delivery
- Height-adjustable handlebar

### Technical data

Working width, brushes	mm	450
Working width, vacuuming	mm	550
Fresh/dirty water tank	l	22 / 22
Area performance	m <sup>2</sup> /h	1800
Rated input power	W	550
Brush contact pressure	g/cm <sup>2</sup>	150
Brush speed	rpm	650-1000
Voltage, charger	V / Hz	220-240 / 50-60
Voltage, battery	V / Ah	25.2 / 42
Weight	kg	48
Dimensions (L × W × H)	mm	920 × 550 × 1115

### Equipment

Roller brush	■
Two-tank system	■
Battery and built-in charger included	■
Squeegee, straight	■
Variable contact pressure	■
Easy to transport over stairs	■
Order No.	1.783-460.0
Price	

- Included in delivery.



# 12-LITRE CLASS



## Independent and manoeuvrable – ideal for small surfaces

Very compact scrubber drier with disc engineering and extremely long-lasting, extra-light lithium-ion battery. The perfect solution for smaller areas.



### 1 Reliable disc technology

- Excellent cleaning power on smooth floor coverings.
- Suitable for use with brushes and pads.

### 2 High-performance lithium-ion battery

- Completely maintenance-free despite a service life that is three times longer than conventional batteries.
- Quick charging (full in three hours, half full in one hour).

## BD 38/12 C Bp Pack

- Lithium-ion battery
- With disc brush (for smooth surfaces)
- ecoefficiency mode.

### Technical data

Working width, brushes	mm	380
Working width, vacuuming	mm	480
Area performance	m²/h	1500
Rated input power	W	500
Fresh/dirty water tank	l	12 / 12
Brush contact pressure	g/cm²	-
Brush speed	rpm	180
Voltage, battery	V / Ah	25.2 / 21
Voltage, charger	V / Hz	220-240 / 50-60
Weight	kg	36
Dimensions (L × W × H)	mm	980 × 510 × 1300

### Equipment

Roller brush	-
Disc brush	■
Two-tank system	■
Mains operation	-
Battery and charger included	■
Variable contact pressure	-
Transport wheels	■
Order No.	1.783-430.0
Price	

■ Included in delivery.

# 12-LITRE CLASS



## Compact machine that masters corners

Manoeuvrable scrubber drier with extra-light, quick-charging and long-lasting high-performance battery. The rotatable roller brush head provides a new ride experience and the utmost efficiency.



### 1 Brush head rotatable by +/- 200° with KART technology, allowing the machine to be steered. For easy negotiation of curves

- Extremely manoeuvrable and effective – ideal for areas with a lot of furniture.
- The brush is always transverse to the direction of travel. The squeegee reliably absorbs the water in every corner.

### 2 Includes high-performance lithium-ion battery

- Completely maintenance-free despite a service life that is three times longer than conventional batteries.
- Interim or partial charging is also possible where necessary.

## BR 35/12 C Bp Pack

- ecoefficiency mode
- Includes sweeping function
- Height-adjustable handlebar

### Technical data

Working width, brushes	mm	350
Working width, vacuuming	mm	450
Area performance	m <sup>2</sup> /h	1400
Rated input power	W	500
Fresh/dirty water tank	l	12 / 12
Brush contact pressure	g/cm <sup>2</sup>	150
Brush speed	rpm	700-1500
Voltage, battery	V / Ah	25.2 / 21
Voltage, charger	V / Hz	220-240 / 50-60
Weight	kg	35
Dimensions (L × W × H)	mm	1000 × 450 × 1300

### Equipment

Roller brush	■
Disc brush	-
Two-tank system	■
Mains operation	-
Battery and charger included	■
Variable contact pressure	■
Transport wheels	■
Order No.	1.783-450.0
Price	

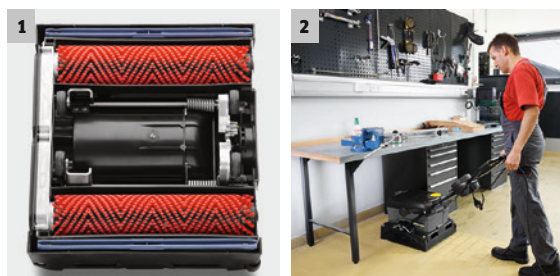
■ Included in delivery.

# 10-LITRE CLASS



## More functions – more options

The BR 40/10 C Adv is a cost-effective all-rounder. It scrubs floors like a single disc machine, picks up water like a wet suction device and polishes like a high-speed machine.



### 1 Powerful and fast

- Two high-speed rotating roller brushes with high contact pressure.
- Two suction lip strips soak up the water – either forwards or backwards.

### 2 Low clearance height

- Reaches under furniture effortlessly.
- The push handle can be folded down in both directions.

#### BR 40/10 C I Adv

#### BR 40/10 C Adv

- High scrubbing performance
- With adjustable contact pressure
- With green roller brushes and oil-resistant suction bar

- High scrubbing performance
- With adjustable contact pressure
- Includes roller brushes

#### Technical data

Working width, brushes	mm	400	400
Working width, vacuuming	mm	400	400
Area performance	m²/h	400	400
Rated input power	W	2300	2300
Fresh/dirty water tank	l	10 / 10	10 / 10
Brush contact pressure	g/cm²	100-200	100-200
Brush speed	rpm	1100	1100
Mains voltage	V	220-240	220-240
Frequency	Hz	50	50
Weight	kg	30	30
Dimensions (L × W × H)	mm	520 × 470 × 380	520 × 470 × 380

#### Equipment

Roller brush	■	■
Disc brush	-	-
Two-tank system	■	■
Mains operation	■	■
Battery and charger included	-	-
Variable contact pressure	■	■
Transport wheels	■	■
Order No.	1.783-316.0	1.783-311.0
Price		

■ Included in delivery.

## 4-LITRE CLASS



### Deep cleaning of smaller areas, every day

Whether in a restaurant, shop, hotel, kitchen or sanitary facilities: the BR 30/4 C scrubs and dries all small hard surfaces gently and effectively. This machine cleans equally well both backwards and forwards and is as quick and simple to operate as an upright vacuum cleaner.



CMS  
Purus Award 2009



#### 1 High-speed roller brush

- Ten times higher contact pressure than manual cleaning.
- The roller brush also cleans structured surfaces and crevices.

#### 2 Dries immediately

- The soft suction lips remove moisture – forwards and backwards.
- For intensive cleaning, the suction can be switched off via the foot pedal.

#### BR 30/4 C Bp Pack

#### BR 30/4 C Adv

#### BR 30/4 C BR 30/4 C + MF

- Suction can be switched off
- Operates forwards and backwards
- Battery operation

- Suction can be switched off
- Operates forwards and backwards
- Manual vacuuming, microfibre roller

- Suction can be switched off
- Cleans forwards and backwards

#### Technical data

Working width, brushes	mm	300	300	300
Working width, vacuuming	mm	300	300	300
Rated input power	W	550	820	820
Fresh/dirty water tank	l	4 / 4	4 / 4	4 / 4
Brush contact pressure	g/cm <sup>2</sup>	100	100	100
Brush speed	rpm	1450	1450	1450
Max. area performance	m <sup>2</sup> /h	200	200	200
Mains voltage	V	230	220-240	220-240
Frequency	Hz	50-60	50-60	50-60
Weight	kg	11.8	12.4	11.5
Dimensions (L × W × H)	mm	390 × 335 × 1180	390 × 335 × 1180	390 × 335 × 1180

#### Equipment

Disc brush	-	-	-
Two-tank system	■	■	■
Mains operation	-	■	■
Manual vacuuming	-	■	-
Microfibre roller	-	■	-   ■
Transport wheels	■	■	■
Battery operation	■	-	-
Order No.	1.783-225.0	1.783-213.0	1.783-220.0   -223.0
Price			

■ Included in delivery.

## 4-LITRE CLASS



### Clean small surfaces with ease, not by hand

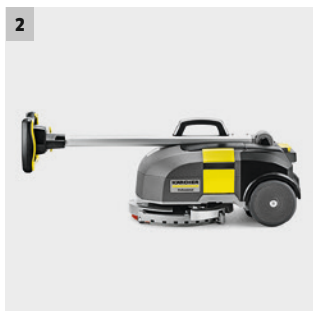
Until now, small areas and especially areas with a lot of furniture could generally only be thoroughly cleaned by hand. Thanks to the BD 30/4 C Bp Pack, this is no longer the case. Powered by a long-lasting lithium-ion battery, the manoeuvrable machine cleans hard and elastic floors, reliably vacuums the dirty water and leaves behind a clean, dry floor that is ready to walk on.

**NEW**



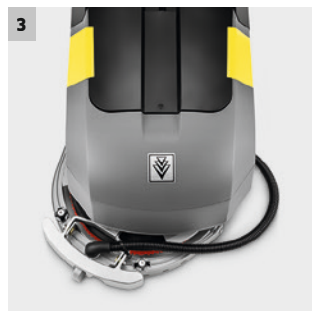
#### 1 Powerful lithium-ion battery

- Completely maintenance-free and with a battery lifetime several times higher than that of conventional batteries.
- Trouble-free partial or intermediate charging possible.



#### 2 Minimal dimensions

- Low space requirements for storage.
- Can also be transported in passenger vehicles.



#### 3 Curved squeegee

- Reliable suction of water, even in tight curves.
- Backward suction also possible, if needed.
- Including soft, oil-resistant polyurethane squeegee.



#### 4 Consistently high-quality components and materials

- Lock and chassis made of high-quality aluminium.
- Robust, durable quality.



# TECHNICAL DATA AND EQUIPMENT

## BD 30/4 C Bp Pack

- Lithium-ion battery
- Curved squeegee
- With disc brush

### Technical data

Working width, brushes	mm	280
Working width, vacuuming	mm	325
Rated input power	W	240
Fresh/dirty water tank	l	3 / 4
Brush contact pressure	g/cm <sup>2</sup>	-
Brush speed	rpm	150
Max. area performance	m <sup>2</sup> /h	900
Input voltage/frequency	V / Hz	100-240 / 50-60
Weight	kg	20
Dimensions (L × W × H)	mm	555 × 375 × 1050

### Equipment

Disc brush	■
Two-tank system	■
Mains operation	-
Manual vacuuming	-
Microfibre roller	-
Transport wheels	■
Battery operation	■
Order No.	1.783-230.0
Price	

■ Included in delivery.

# 10-LITRE CLASS



## Mop five times faster

The B 60/10 C represents a new kind of floor cleaning. The machine cleans and vacuums all smooth floor coverings. Without any electricity. Hygienic, efficient, safe and user-friendly.



1

### 1 Operates without electricity

- No annoying cord.
- Unlimited run time.
- Very quiet.



2

### 2 Dirty water is vacuumed

- Leaves floors dry after cleaning.
- Lower risk of slipping.
- No detergent residue and therefore less subsequent soiling.



3

### 3 Simple and intuitive operation

- Easy to use.
- No training necessary.



4

### 4 60-cm-wide pad with squeegee blade

- Highly efficient in open areas.
- The area performance is comparable to a 43 cm scrubber drier: works five times faster than with a mop and bucket.
- For smooth surfaces.

# TECHNICAL DATA AND EQUIPMENT

## B 60/10 C

- Operates without electricity
- Very efficient
- Extremely quiet

### Technical data

Working width, brushes	mm	640
Working width, vacuuming	mm	610
Rated input power	W	-
Fresh/dirty water tank	l	10 / 10
Theoretical area performance	m²/h	2400
Actual area performance	m²/h	1500
Dimensions, operating position (L × W × H)	mm	1055 × 485 × 1040
Dimensions, parking position (L × W × H)	mm	820 × 550 × 710
Weight	kg	21
Noise level	dB(A)	52
Contact pressure, cleaning deck	kg	2.2

### Equipment

Roller brush	-
Disc brush	-
Two-tank system	■
Mains operation	-
Battery and charger included	-
Variable contact pressure	-
Transport wheels	■
Order No.	1.006-711.0
Price	

■ Included in delivery.

### Accessories

Product name	Order No.	Description	Price
Pad	8.637-592.0	38 m long, 10 cm wide. Perforated strips to be torn off. The coarse dirt fleece is applied to the front of the pad and collects hair and lint.	
Pad	8.637-944.0	White cleaning pad. The attached edges of the slats facilitate the cleaning process.	
Suction lips	8.637-945.0	Made from wear-resistant polyurethane. Very durable and oil-resistant.	

# SCOURING MACHINE



## All-round scrubber with the benefit of rollers

This innovative single-disc machine with contra-rotating rollers is suitable for deep cleaning and maintenance cleaning on hard surfaces as well as for stripping, crystallising, shampooing and polishing.



### 1 Contra-rotating rollers keep the machine from wandering

- Unlike single-disc machines, the machine will not drift and is therefore easy and safe to manoeuvre.
- This makes it easy to clean edges and corners.

### 2 Low machine height

- Due to the horizontally arranged motor, the ground clearance is only 13.5 cm.
- This allows it to reach under furniture, heaters, separating walls or wall-mounted toilets.

## BRS 40/1000 C

- The flattest device in its class
- With contra-rotating roller brushes
- Incl. 10-litre fresh water tank

### Technical data

Working width	mm	400
Working height	mm	135
Theoretical area performance	m <sup>2</sup> /h	450
Rated input power	W	2100
Brush speed	rpm	1000
Voltage	V	220-240
Frequency	Hz	50
Weight	kg	27
Dimensions (L × W × H)	mm	520 × 470 × 250

### Equipment

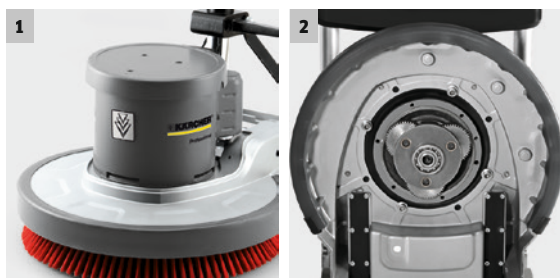
Equipment	
Traction drive	-
Mains operation	■
Tank I	10
Roller brush	-
Transport wheels	■
Order No.	1.783-330.0
Price	

- Included in delivery.

# SINGLE DISC MACHINES

## Top marks for cost effectiveness

Powerful, versatile single-disc machine for economical cleaning. Ideal for scrubbing, crystallising, shampooing or diamond polishing.



### 1 Powerful motor

- Extremely robust and durable design.
- High torque for efficient cleaning.

### 2 Robust planet carrier

- Made from hard-wearing metal gear wheels. Reduced wear and tear and maintenance costs compared with belt gear.
- More torque compared with conventional belt gear.

#### BDS 51/180 C

#### BDS 43/180 C

- Robust and reliable
- Powerful and versatile
- Large working width

- Robust and reliable
- Powerful and versatile
- Small working width

#### Technical data

Working width, brushes	mm	508	432
Rated input power	W	1000	1400
Brush contact pressure	g/cm <sup>2</sup>	25	-
Brush speed	rpm	180	180
Voltage	V	230	230
Frequency	Hz	50	50
Weight	kg	45	43
Dimensions (L × W × H)	mm	700 × 510 × 1180	660 × 430 × 1180

#### Equipment

Tank, optional	l	10	10
Order No.		1.291-229.0	1.291-228.0
Price			



# SINGLE-DISC MACHINES



## One disc, two control shafts

The latest generation of Kärcher single-disc machines is perfectly balanced with two bars – for convenient and powerful cleaning of hard surfaces and textile coverings.



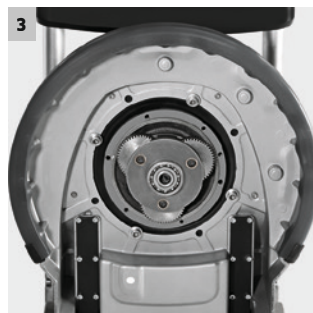
**1 Tank (optional) on the motor casing**

- Central weight distribution for increased contact pressure while also being light to carry.
- Very good accessibility and rapid removal in just one action. Convenient filling at the sink.
- Filling level display (continuous water level control).



**2 Handle can be completely folded down**

- Machine requires significantly less storage space.
- Compact dimensions – ideal for transport, for example in a car.
- Robust design with oval aluminium bars and wide handle for good application of force and low-fatigue operation.



**3 High quality**

- High-performance motor and all-metal planet carrier.
- Very robust and durable version and high torque for efficient operation.



**4 Wide, ergonomic handle**

- Two robust oval aluminium bars for good balance and effortless operation.
- Good application of force is possible.
- Low-fatigue operation.

# TECHNICAL DATA AND EQUIPMENT

		BDS 51/180 C Adv	BDS 43/180 C Adv	BDS 33/180 C Adv
		<ul style="list-style-type: none"> <li>■ Extra-large working width</li> <li>■ Powerful and versatile</li> <li>■ Extremely robust</li> </ul>	<ul style="list-style-type: none"> <li>■ Powerful and versatile</li> <li>■ With additional socket for suction attachment kit</li> <li>■ Very robust and durable</li> </ul>	<ul style="list-style-type: none"> <li>■ Powerful and versatile</li> <li>■ With additional socket for suction add-on</li> <li>■ Easy to use</li> </ul>
<b>Technical data</b>				
Working width, brushes	mm	508	432	330
Rated input power	W	1000	850	700
Brush contact pressure	g/cm <sup>2</sup>	25	38	47
Brush speed	rpm	180	180	180
Voltage	V	220-240	220-240	220-240
Frequency	Hz	50	50	50
Weight	kg	45	43	31
Dimensions (L × W × H)	mm	700 × 510 × 1180	660 × 430 × 1180	500 × 356 × 1180
<b>Equipment</b>				
Tank, optional	l	10	10	8
Order No.		1.291-227.0	1.291-226.0	1.291-220.0
Price				

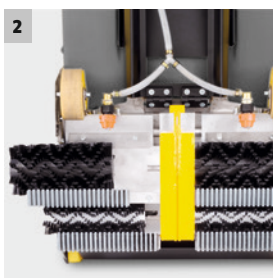
		BDS 43/Duo C I Adv	BDS 43/Duo C Adv	BDP 43/450 C Adv
		<ul style="list-style-type: none"> <li>■ Versatility thanks to two speeds</li> <li>■ Very powerful and robust</li> <li>■ For cleaning and polishing</li> </ul>	<ul style="list-style-type: none"> <li>■ Adjustable speed</li> <li>■ Can be used anywhere</li> <li>■ Very quiet</li> </ul>	<ul style="list-style-type: none"> <li>■ High-speed machine</li> <li>■ Very quiet</li> <li>■ For polishing and cleaning</li> </ul>
<b>Technical data</b>				
Working width, brushes	mm	430	432	432
Rated input power	W	1560	1560	1760
Brush contact pressure	g/cm <sup>2</sup>	42	45	42
Brush speed	rpm	150-300	150-300	450
Voltage	V	220-240	220-240	220-240
Frequency	Hz	50	50	50
Weight	kg	47	47	45.7
Dimensions (L × W × H)	mm	630 × 430 × 1200	660 × 430 × 1180	660 × 430 × 1180
<b>Equipment</b>				
Tank, optional	l	-	10	-
Order No.		1.291-241.0	1.291-223.0	1.291-225.0
Price				

# ESCALATOR CLEANER

## Escalator cleaning while in use



Our escalator cleaners deliver squeaky clean results on all moving walkways and escalators – even while in use. For both maintenance and deep cleaning.



### 1 Excellent suction power

- The applied water is reliably sucked back into the machine by the two powerful suction turbines together with four straight suction hoses and matching combs.
- Prevents water from dripping into the escalator shaft.

### 2 Suitable for escalators

- Combs which enter the grooves in the escalator provide the necessary vacuum.
- Different combs are available to suit different types of escalators. This ensures that the moisture is effectively vacuumed from the escalator.

## BR 47/35 Esc

- Cleans escalators and travelators while they are running
- Equipped with standard wash brush and pick-up brush
- Reliable water pick-up

### Technical data

Working width, brushes	mm	470
Working width, vacuuming	mm	470
Fresh/dirty water tank	l	35 / 35
Container capacity		-
Brush speed	rpm	870-1090
Brush motor power	W	1100
Suction motor	W	800
Water flow	l/h	60
Pressure	bar	4-7
Voltage	V	220-240
Frequency	Hz	50-60
Weight	kg	90
Dimensions (L x W x H)	mm	1200 x 670 x 1100

### Equipment

Cleaning brush	■
Pick-up brushes	■
Leading combs*	-
Trailing combs*	-
Order No.	1.310-109.0
Price	

■ Included in delivery. \* Please order separately according to type of escalator.

# ESCALATOR CLEANER



## Non-stop maintenance cleaning

For maintenance/intermediate cleaning: the BR 45/10 Esc is suitable for quick and thorough dry cleaning of escalators and travelators. Cleaning takes place while the escalator is moving.



### 1 Efficient cleaning

- Ready to use within minutes.
- Cleans moving escalators quickly and efficiently.

### 2 Dust suction

- For dust-free operation. The 10-litre filter bag reliably retains dirt.
- Two suction turbines for very high suction power.

## BR 45/10 Esc

- Cleans escalators and travelators while they are running
- Dry cleaning
- For maintenance and intermediate cleaning

### Technical data

Working width, brushes	mm	450
Working width, vacuuming	mm	450
Fresh/dirty water tank	l	- / -
Container capacity	l	10
Brush speed	rpm	290
Brush motor power	W	190
Suction motor	W	1500
Water flow		-
Pressure		-
Voltage	V	220-240
Frequency	Hz	50
Weight	kg	44
Dimensions (L × W × H)	mm	880 × 460 × 220

### Equipment

Cleaning brush	■
Pick-up brushes	-
Leading combs	-
Trailing combs	-
Order No.	1.310-121.0
Price	

■ Included in delivery.

## COMPACT CLASS



### The versatile handheld – ideal for stairwell cleaning

For small, awkward areas such as stairwells and window sills. For deep cleaning, crystallisation or polishing of hard surfaces and shampooing carpets. Also suitable for vertical surfaces.



#### 1 Suitable for numerous uses

- Vertical or horizontal use.
- Corner brush for cleaning close to edges and in corners.
- Shampooing brush also suitable for cleaning carpets.



#### 2 Attachable tank

- Optional fresh water tank and guide rod with 5-litre volume available.
- Facilitates work on landings.



#### 3 Variable speed

- Infinitely variable from 0 to 470 rpm.
- Brush speed can be adjusted to suit the application.



#### 4 Extensive range of accessories

- Brushes available in different hardnesses and diameters. Also for cleaning carpets.
- Pads and pad drive boards for smooth floors.



# TECHNICAL DATA AND EQUIPMENT

## BD 17/5 C

- For window sills, stairs, etc.
- Horizontal/vertical cleaning
- Optional: Guide rod and tank

### Technical data

Working width	mm	170-200
Working height	mm	330
Brush speed	rpm	0-470
Rated input power	W	150
Voltage	V	220-230
Frequency	Hz	50-60
Weight	kg	5
Dimensions (L × W × H)	mm	360 × 180 × 330

### Equipment

Disc brush	-
Pad drive board	-
Adjustable brush speed	■
Wheels	■
Tank	-
Guide rod	-
Order No.	1.737-105.0
Price	

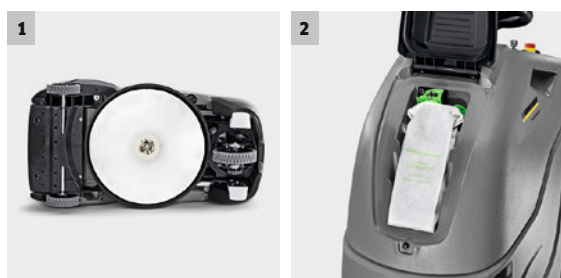
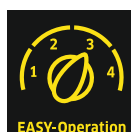
- Included in delivery.

# STEP-ON POLISHING MACHINE

## The professional for shiny floors



Cable-free, powerful, fast: the manoeuvrable RS polishing machine offers a large working width and speed of 2000 rpm, meaning that even the most stubborn marks can be removed easily.



### 1 Automatic contact pressure

- No adjustment of the contact pressure.
- Constant contact pressure, even with worn pads or on uneven surfaces.

### 2 Integrated passive dust suction

- The polishing dust is collected under the pad and then automatically transported upwards into the filter bag.
- The large filter bag is easily accessible and easy to change.

### BDP 50/2000 RS Bp Pack

### BDP 50/2000 RS Bp

- Compact and extremely manoeuvrable
- High speed and maximum productivity
- Integrated vacuum cleaning

- Compact and extremely manoeuvrable
- High speed and maximum productivity
- Integrated vacuum cleaning

#### Technical data

Working width, vacuuming	mm	530	530
Working width, pad	mm	508	508
Theoretical area performance	m <sup>2</sup> /h	1780	1780
Brush speed	rpm	2000	2000
Brush contact pressure	g/cm <sup>2</sup>	10	10
Rated input power	W	2315	2315
Traction motor	W	155	155
Weight	kg	180	100
Dimensions (L × W × H)	mm	1130 × 595 × 1315	1130 × 595 × 1315
Voltage, charger	V / Hz	230 / 50-60	- / -

#### Equipment

Traction drive	■	■
Battery and charger included	■	-
Adjustable contact pressure	-	-
Drive board with centrelock	■	■
Dust suction	■	■
Order No.	1.002-039.0	1.002-041.0
Price		

■ Included in delivery.

## COMPACT CLASS



### Economical and effective polishing

When polishing smooth, high-gloss floors, the BDP 50/1500 C ultra high-speed machine achieves a level of productivity up to 30% greater than conventional high-speed machines.



#### 1 Integrated vacuuming system

- The guard ensures that polishing dust stays under the machine. The dust is collected in the dust container by passive vacuuming to reduce dust impact while polishing.
- Collected dust is easy to empty – filter bag is reusable.

#### 2 Central wheel

- The pad drive board is spring-mounted. The contact pressure is automatically regulated for consistent polishing results.
- The pad maintains optimal surface contact and follows any floor unevenness.

### BDP 50/1500 C

- Mains operation for uninterrupted use
- With central guide wheel – polishing up to the edge
- Dust-free operation thanks to built-in dust suction

#### Technical data

Working width, vacuuming	mm	560
Working width, pad	mm	508
Theoretical area performance	m <sup>2</sup> /h	900
Brush speed	rpm	1500
Brush contact pressure	g/cm <sup>2</sup>	4
Rated input power	W	1100
Weight	kg	34.5
Dimensions (L × W × H)	mm	760 × 550 × 1250
Voltage	V	230
Frequency	Hz	50

#### Equipment

Traction drive	-
Battery and charger included	-
Adjustable contact pressure	-
Drive board with centrelock	■
Dust suction	■
Order No.	1.291-141.0
Price	

■ Included in delivery.

## THE COMPLETE RANGE FOR HARD SURFACE CLEANING

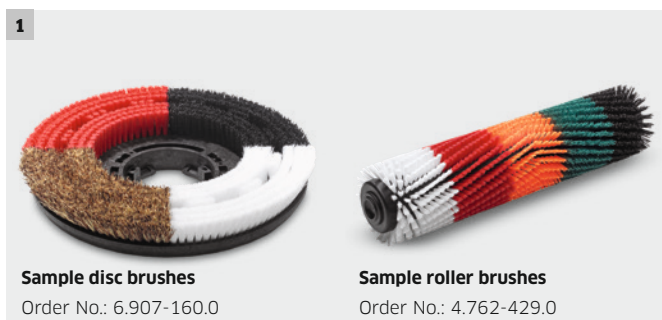
Our scrubber driers are capable of exceptional performance. In order for them to achieve this, they need optimally coordinated accessories and cleaning agents. Only the Kärcher system of machine, original Kärcher accessories and original Kärcher cleaning agents gives you maximum performance and efficiency for a wide variety of applications. Plus the required functionality and safety.



### Table of contents: Scrubber / scrubber drier accessories

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### 1 Cleaning by colour

The colour system for disc brushes makes the selection of brush or disc with the desired characteristics extremely simple: white = soft, black = hard.

### 2 The well-rounded solution for resilient floors

The pad roller combines the advantages of the roller technology with those of microfibre. Pads in different hardness degrees for different floor coverings span the entire application spectrum: cleaning, removing, polishing.

	Roller technology R			Disc technology D			Vibration technology S	Cleaning agent recommendation
	Brush	Pad	Microfibre roller	Brush	Pad	Microfibre pad	Pad	
<b>Deep cleaning</b>								
Linoleum	■	■		■	■			RM 754
PVC, vinyl, synthetic resin coats	■ ■	■		■	■			RM 752/754
Dark marble, granite, terrazzo, smooth polished	■	■		■	■			RM 752/754 <sup>1)</sup>
Light / white marble	■			■				RM 752/754 <sup>1)</sup>
Granite, porphyry, stone carpet, textured	■							RM 752
Tiles, clinker, glazed	■ ■	■		■	■			RM 752/751 <sup>2)</sup>
Fine stone	■ ■	■	■	■	■	■		RM 743/753
Rubber knobs	■							RM 754
Carpet	■			■				RM 768/768 OA
<b>Maintenance cleaning</b>								
Linoleum	■	■	■	■	■	■	■	RM 746/780/754/756
PVC, vinyl, synthetic resin coats	■	■	■	■	■	■	■	RM 746/780/754/756
Marble, granite, terrazzo, smooth polished	■	■	■	■	■	■	■	RM 746/755/780/756
Granite, porphyry, stone carpet, textured	■							RM 746/755/780/756
Tiles, clinker, glazed	■	■	■	■	■	■	■	RM 730/746/780/756
Fine stone	■	■	■	■	■	■	■	RM 743/753/756
Rubber knobs	■							RM 780/756
<b>Diamond cleaning system</b>								
Synthetic resin coats, PUR					■ ■ ■ <sup>4)</sup>			RM 746/755/780
Marble, granite, terrazzo, travertine, polished					■ ■ ■ <sup>4)</sup>			RM 730/746/755/780
<b>Polishing</b>								
Linoleum	□	■		□ ■	■ ■			RM 748
PVC, vinyl, synthetic resin coats	□	■		□ ■	■ ■			RM 748
Marble, granite, terrazzo, smooth polished	□	■		□ ■	■ ■			RM 748
Parquet, sealed	□	■		□	■ ■			RM 748
Rubber knobs	□			□				RM 748
Terracotta	□			■				
<b>Intermediate cleaning</b>								
Carpet						■		RM 768/768 OA
<b>Crystallising</b>								
Marble, terrazzo and other calcareous floor coverings	■ ■				■ <sup>4)</sup>			RM 749/775 <sup>3)</sup>
<b>Restoring shine</b>								
Coatings		■					■	RM 755 ES/754
<b>Pad and brush colours</b>								
□ White ■ Beige ■ Natural ■ Yellow ■ Blue ■ Green ■ Red ■ Black ■ Blue/white (microfibre) ■ Orange ■ Diamond: white, yellow, green ■ Violet: SP pad, violet								

<sup>1)</sup> For shiny marble (alkalinity < pH 11). <sup>2)</sup> For cement residue removal. <sup>3)</sup> Only disc engineering. <sup>4)</sup> Diamond pad.



# BRUSH HEADS



Different brush heads – R (roller), D (disc) or S (with vibration technology) – are available for different applications. A disc head is recommended for smooth surfaces with light soiling. Roller heads are ideal for stubborn dirt or structured surfaces. These are all fitted with a sweep tray. This makes the scrubber drier an all-rounder that can sweep, scrub and vacuum in a single operation. The S-head plays a special role in this – it allows very efficient stripping of floors. The brush heads can be very easily replaced on the machine.

		Order No.	Price	Description
<b>Brush heads</b>				
Brush head R 45 Ep	1	2.763-021.0		Brush head with two roller brushes, 45 cm working width and 240 V voltage.
Brush head R 45 C	2	2.763-020.0		Brush head with two roller brushes and 45 cm working width.
Brush head R 45 W	3	2.763-019.0		
Brush head D 43 Ep	4	2.763-024.0		Brush head with one disc brush, 43 cm working width and 240 V voltage.
Brush head D 43	5	2.763-023.0		Brush head with one disc brush and 43 cm working width.
Brush head R 55 Ep	6	2.763-017.0		Brush head with two roller brushes, 55 cm working width and 240 V voltage.
Brush head R 55 C	7	2.763-013.0		Brush head with two roller brushes and 55 cm working width.
Brush head R 55 W	8	2.763-011.0		
Brush head D 51 Ep	9	2.763-027.0		Brush head with one disc brush, 51 cm working width and 240 V voltage.
Brush head D 51	10	2.763-026.0		Brush head with one disc brush and 51 cm working width.
Brush head R 55	11	2.763-002.0		Brush head with two roller brushes and 55 cm working width. Brush replacement without tools. The side skirts are height-adjustable and hold the water under the brush head. This allows the cleaning fleet to be fed into the vacuum bar at an optimum rate, even when negotiating curves. Brush head supplied separately.
Brush head D 55	12	2.763-001.0		Brush head with two disc brushes, quick brush switch system for brushes and 55 cm working width. The side skirts are height-adjustable and hold the water under the brush head. This allows the cleaning fleet to be fed into the squeegee at an optimum rate, even when negotiating curves. Brush head supplied separately.
Brush head R 65	13	2.763-004.0		Brush head with two roller brushes and 65 cm working width. Brush replacement without tools. The side skirts are height-adjustable and hold the water under the brush head. This allows the cleaning fleet to be fed into the vacuum bar at an optimum rate, even when negotiating curves. Brush head supplied separately.
Brush head D 65	14	2.763-003.0		Brush head with two disc brushes, quick brush switch system for brushes and 65 cm working width. The side skirts are height-adjustable and hold the water under the brush head. This allows the cleaning fleet to be fed into the squeegee at an optimum rate, even when negotiating curves. Brush head supplied separately.
Brush head D 65 R	15	2.763-039.0		Brush head with disc engineering. Ideal for use in supermarkets, for example. Very low deck. Height-adjustable bumper disc. Surrounding splash guard.
Floor head S 65	16	2.763-030.0		For restoring shine on hard and resilient floors.
Brush head R 75	17	2.763-006.0		Brush head with two roller brushes and 75 cm working width. Brush replacement without tools. The side skirts are height-adjustable and hold the water under the brush head. This allows the cleaning fleet to be fed into the vacuum bar at an optimum rate, even when negotiating curves. Brush head supplied separately.
Brush head D 75	18	2.763-005.0		Brush head with two disc brushes, quick brush switch system for brushes and 75 cm working width. The side skirts are height-adjustable and hold the water under the brush head. This allows the cleaning fleet to be fed into the squeegee at an optimum rate, even when negotiating curves. Brush head supplied separately.
Brush head R 90 S	19	2.763-007.0		Brush head with two roller brushes and 90 cm working width. Brush replacement without tools. The side skirts are height-adjustable and hold the water under the brush head. This allows the cleaning fleet to be fed into the vacuum bar at an optimum rate, even when negotiating curves. Brush head supplied separately.
Brush head D 90 S	20	2.763-008.0		Brush head with two disc brushes, quick brush switch system for brushes and 90 cm working width. The side skirts are height-adjustable and hold the water under the brush head. This allows the cleaning fleet to be fed into the squeegee at an optimum rate, even when negotiating curves. Brush head supplied separately.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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		<b>Order No.</b>	<b>Price</b>	<b>Description</b>
Brush head R 100 S	21	2.763-033.0		Brush head with two roller brushes for stubborn dirt, 100 cm working width and integrated sweeping function. Easy brush replacement possible without tools.
Brush head D 100 S	22	2.763-035.0		Brush head with two disc brushes, 100 cm working width and height-adjustable side skirts. Convenient brush replacement using foot pedal.
Brush head D 110	23	2.763-040.0		Brush head with two disc brushes, quick brush switch system for brushes and 110 cm working width. For very high surface performance. Side skirts are height-adjustable.
Brush head R 120 S	24	2.763-034.0		Brush head with two roller brushes for stubborn dirt, 120 cm working width and integrated sweeping function. Easy brush replacement possible without tools.
Connection kit S 65	25	4.036-063.0		Connection kit for connecting the S 65 floor head to the new generation of B 60 W and B 80 W.
	26	4.036-061.0		Kit for connecting the S 65 floor head to the B 90 R.
Skirting protection attachment kit R 75/R 90	27	2.643-369.0		Protects the brush head against knocks.
Skirting protection attachment kit D 75	28	2.643-370.0		
Skirting protection attachment kit D 90	29	2.643-371.0		

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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# ROLLER BRUSHES



Roller brushes combine high friction and high contact pressure. For excellent cleaning results.

		Order No.	Hardness / Brush type	Length	Colour	Quantity	Price	Description
<b>Roller brushes</b>								
Roller brush	1	4.762-452.0	soft	300 mm	White	1 piece(s)		For cleaning sensitive floors and polishing.
	2	4.762-499.0	soft	300 mm	blue	1 piece(s)		For carpet cleaning.
	3	4.762-005.0	medium	300 mm	red	1 piece(s)		For all floors.
	4	4.762-484.0	high / low	300 mm	orange	1 piece(s)		For cleaning heavily structured floors as well as in joints and crevices.
	5	4.037-036.0	very soft	350 mm	White	1 piece(s)		For cleaning sensitive floors and polishing.
	6	4.037-031.0	medium	350 mm	red	1 piece(s)		For all floors.
	7	4.037-037.0	high / low	350 mm	orange	1 piece(s)		For cleaning heavily structured floors and deep grouts.
	8	4.037-038.0	hard	350 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces.
	9	4.762-250.0	very soft	400 mm	White	1 piece(s)		For cleaning sensitive floors and polishing.
	10	4.762-274.0	soft	400 mm	natural	1 piece(s)		Horse hair, perfect for cleaning and polishing.
	11	4.762-003.0	medium	400 mm	red	1 piece(s)		For all floors.
	12	4.762-251.0	high / low	400 mm	orange	1 piece(s)		For cleaning heavily structured floors as well as in joints and crevices.
	13	4.762-252.0	hard	400 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for sensitive floor coverings.
	14	4.762-481.0	very hard	400 mm	black	1 piece(s)		For stubborn dirt and basic cleaning; only for hard-wearing floors.
	15	4.762-254.0	soft	400 mm	blue	1 piece(s)		Carpet brush for loop-pile carpets.
	16	4.762-000.0	medium-hard	400 mm	green	1 piece(s)		Carpet brush for velour.
	17	4.762-405.0	soft	450 mm	White	1 piece(s)		For cleaning sensitive floors and polishing. Fits R 45.
	18	4.762-392.0	medium	450 mm	red	1 piece(s)		For all floors. Fits R 45.
	19	4.762-406.0	high / low	450 mm	orange	1 piece(s)		For cleaning heavily structured floors as well as in deep joints and crevices. Fits R 45.
	20	4.762-407.0	hard	450 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces. Fits R 45.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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		<b>Order No.</b>	<b>Hardness / Brush type</b>	<b>Length</b>	<b>Colour</b>	<b>Quantity</b>	<b>Price</b>	<b>Description</b>
Roller brush	21	4.762-408.0	very hard	450 mm	black	1 piece(s)		For stubborn dirt and deep cleaning; only for non-sensitiive floors. Fits R 45.
	22	4.762-409.0	soft	550 mm	White	1 piece(s)		For cleaning sensitive floors and polishing. Fits B 40 C/W/RS R 55.
	23	4.035-184.0	medium	550 mm	red	1 piece(s)		For all floors. Fits B 40 C/W/RS R 55.
	24	4.762-410.0	high / low	550 mm	orange	1 piece(s)		For cleaning heavily structured floors as well as in deep joints and crevices. Fits B 40 C/W/RS R 55.
	25	4.762-411.0	hard	550 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces. Fits B 40 C/W/RS R 55.
	26	4.762-412.0	very hard	550 mm	black	1 piece(s)		For stubborn dirt and deep cleaning; only for non-sensitiive floors. Fits B 40 C/W/RS R 55.
	27	6.906-977.0	soft	532 mm	White	1 piece(s)		For cleaning sensitive floors and polishing. Fits R 55.
	28	4.035-193.0	medium	532 mm	red	1 piece(s)		For all floors. Fits R 55.
	29	6.906-978.0	high / low	532 mm	orange	1 piece(s)		For cleaning heavily structured floors as well as in deep joints and crevices. Fits R 55.
	30	6.906-979.0	hard	532 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces. Fits R 55.
	31	6.906-980.0	very hard	532 mm	black	1 piece(s)		For stubborn dirt and deep cleaning; only for non-sensitiive floors. Fits R 55.
	32	6.906-981.0	soft	638 mm	White	1 piece(s)		For cleaning sensitive floors and polishing. Fits R 65.
	33	4.035-187.0	medium	638 mm	red	1 piece(s)		For all floors. Fits R 65.
	34	6.906-982.0	high / low	638 mm	orange	1 piece(s)		For cleaning heavily structured floors as well as in deep joints and crevices. Fits R 65.
	35	6.906-983.0	hard	638 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces. Fits R 65.
	36	6.906-984.0	very hard	638 mm	black	1 piece(s)		For stubborn dirt and deep cleaning; only for non-sensitiive floors. Fits R 65.
	37	6.906-985.0	soft	700 mm	White	1 piece(s)		For cleaning sensitive floors and polishing. Fits R 75.
	38	4.035-190.0	medium	700 mm	red	1 piece(s)		For all floors. Fits R 75.
	39	6.906-986.0	high / low	700 mm	orange	1 piece(s)		For cleaning heavily structured floors as well as in deep joints and crevices. Fits R 75.
	40	6.906-987.0	hard	700 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces. Fits brush head R 75.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



**FLOOR SCRUBBERS /  
SCRUBBER DRIERS**

		Order No.	Hardness / Brush type	Length	Colour	Quantity	Price	Description
Roller brush	41	6.906-988.0	very hard	700 mm	black	1 piece(s)		For stubborn dirt and deep cleaning; only for non-sensitive floors. Fits R 75.
	42	6.906-989.0	soft	800 mm	White	1 piece(s)		For cleaning sensitive floors and polishing. Fits R 90.
	43	6.907-377.0	medium	800 mm	red	1 piece(s)		For all floors, fits R 90.
	44	6.906-991.0	hard	800 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces. Fits on brush head R 90.
	45	6.906-992.0	very hard	800 mm	black	1 piece(s)		For stubborn dirt and deep cleaning; only for non-sensitive floors. Fits R 90.
	46	6.906-990.0	high / low	800 mm	orange	1 piece(s)		For cleaning heavily structured floors as well as in deep joints and crevices. Fits R 90.
	47	6.906-993.0	soft	914 mm	White	1 piece(s)		For cleaning and polishing sensitive floors, with star attachment. Fits BR 100/250 R and brush head R 100.
	48	4.035-183.0	medium	914 mm	red	1 piece(s)		For all floors, with star attachment. Fits BR 100/250 R and brush head R 100.
	49	6.906-995.0	hard	914 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces. Fits BR 100/250 R and brush head R 100.
	50	6.906-996.0	very hard	914 mm	black	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces, with star attachment. Fits BR 100/250 R and brush head R 100.
	51	6.906-994.0	high / low	914 mm	orange	1 piece(s)		For cleaning heavily structured floors and deep grouts, with star attachment. Fits BR 100/250 R and brush head R 100.
	52	6.906-855.0	soft	1118 mm	White	1 piece(s)		For cleaning sensitive floors and polishing. Fits BR 120/250 R and brush head R 120.
	53	6.906-853.0	medium	1118 mm	red	1 piece(s)		For all floors, with star attachment. Fits BR 120/250 R and brush head R 120.
	54	6.907-426.0	hard	1118 mm	green	1 piece(s)		For stubborn dirt and deep cleaning; only for hard-wearing surfaces. Fits R 120.
	55	6.906-856.0	very hard	1118 mm	black	1 piece(s)		For stubborn contamination and deep cleaning; only for hard-wearing surfaces. Fits BR 120/250 R and brush head R 120.
	56	6.906-854.0	high / low	1118 mm	orange	1 piece(s)		For cleaning heavily structured floors as well as in deep joints and crevices.
	57	6.680-368.0	medium	1045 mm	black	1 piece(s)		Medium-hard roller brush. The perfect equipment for all common cleaning tasks.
	58	6.680-369.0	very hard	1045 mm	black	1 piece(s)		Extra-hard roller brush for non-sensitive floors and heavy soiling.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

[illegible]



		Order No.	Hardness / Brush type	Length	Colour	Quantity	Price	Description
<b>Roller pad shaft</b>								
Pad roller shaft	59	4.762-009.0		350 mm		1 piece(s)		For attaching roller pads or microfibre rollers.
	60	4.762-228.0		400 mm		1 piece(s)		For roller pads or microfibre rollers.
	61	4.762-413.0		450 mm		1 piece(s)		For mounting roller pads or microfibre rollers. Fits R 45.
	62	4.762-432.0		532 mm		1 piece(s)		Fits R 55.
	63	4.762-415.0		550 mm		1 piece(s)		For mounting roller pads or microfibre rollers. Fits B 40 C/W/RS R 55.
	64	4.762-433.0		638 mm		1 piece(s)		Fits R 65.
	65	4.762-434.0		700 mm		1 piece(s)		Fits R 75.
	66	4.762-435.0		800 mm		1 piece(s)		Fits R 90.
	67	4.762-436.0		900 mm		1 piece(s)		For roller pads. Fits BR 100/250 R and brush head R 100.
	68	4.762-498.0		1104 mm		1 piece(s)		For roller pads. Fits BR 120/250 R and brush head R 120.

□ Available accessories. More Kärcher original accessories can be found on the following pages.



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## ROLLER PADS



World innovation: Kärcher combines the excellent properties of microfibres and advantages of roller technology. Perfect for cleaning fine stoneware tiles. Effortlessly cleans tiles leaving them looking like new. Also suitable for nearly all other types of floors.

		Order No.	Hardness / Brush type	Length	Diameter	Colour	Price	Description
<b>Roller pads</b>								
Stripping roller	1	8.635-691.0		400 mm		brown		Suitable for BRS 40/1000 C; BR 40/10 C; BR 40/25 C.
	2	4.114-011.0		450 mm		brown		Stripping roller, complete, 45 cm, fits R 45.
	3	8.635-692.0		550 mm		brown		Fits B 40 W (R 55); B 60 W Ep (R 55); BR 55/40 RS.
Roller pad on sleeve	4	6.369-053.0	soft	350 mm	96 mm	yellow		For polishing and cleaning non-textured floors. In conjunction with pad roller shaft 4.762-009.0.
	5	6.369-047.0	medium	350 mm	96 mm	red		For cleaning non-textured floors. In conjunction with pad roller shaft 4.762-009.0.
	6	6.369-052.0	hard	350 mm	96 mm	green		For removing stubborn dirt and deep cleaning of non-textured floors. In conjunction with pad roller shaft 4.762-009.0.
	7	6.369-724.0	soft	400 mm	96 mm	yellow		Roller pads pre-assembled on sleeves, for polishing and cleaning non-textured floors. In conjunction with pad roller shaft 4.762-228.0.
	8	6.369-726.0	medium	400 mm	96 mm	red		For cleaning non-textured floors. In conjunction with pad roller shaft 4.762-228.0.
	9	6.369-725.0	hard	400 mm	96 mm	green		For removing stubborn dirt and deep cleaning of non-textured floors. In conjunction with pad roller shaft 4.762-228.0.
	10	6.367-105.0	soft	450 mm	96 mm	yellow		For polishing and cleaning non-textured floors. In conjunction with pad roller shaft 4.762-413.0.
	11	6.367-107.0	medium	450 mm	96 mm	red		For cleaning non-textured floors. In conjunction with pad roller shaft 4.762-413.0.
	12	6.367-106.0	hard	450 mm	96 mm	green		For removing stubborn dirt and deep cleaning of non-textured floors. In conjunction with pad roller shaft 4.762-413.0.
	13	6.369-732.0	soft	530 mm	96 mm	yellow		For polishing and cleaning non-textured floors. In conjunction with pad roller shaft 4.762-415.0.
	14	6.369-734.0	medium	530 mm	96 mm	red		For cleaning non-textured floors. In conjunction with pad roller shaft 4.762-415.0.
	15	6.369-733.0	hard	530 mm	96 mm	green		For removing stubborn dirt and deep cleaning of non-textured floors. In conjunction with pad roller shaft 4.762-415.0.

□ Available accessories. More Kärcher original accessories can be found on the following pages.

[illegible]

		<b>Order No.</b>	<b>Hardness / Brush type</b>	<b>Length</b>	<b>Diameter</b>	<b>Colour</b>	<b>Price</b>	<b>Description</b>
Roller pad on sleeve	16	6.371-004.0	medium	862 mm	130 mm	red		Medium-hard, red roller pads designed for pad roller shaft 4.762-436.0. Prefitted on sleeve and suitable for deep cleaning and maintenance cleaning of non-structured floors.
	17	6.371-003.0	hard	862 mm	130 mm	green		Hard green roller pads, prefitted on the sleeve for deep cleaning and removing stubborn dirt on non-structured, non-sensitive floors. For pad roller shaft 4.762-436.0.
	18	6.371-006.0	medium	1067 mm	130 mm	red		Medium-hard, red roller pads, pre-fitted on sleeve to save time and designed together with the pad roller shaft 4.762-498.0 for deep cleaning and maintenance cleaning of non-structured floors.
	19	6.371-005.0	hard	1067 mm	130 mm	green		Developed together with the pad roller shaft 4.762-498.0 for deep cleaning and removing stubborn dirt on non-structured floors and green roller pads prefitted on sleeves.
Roller pad	20	6.369-454.0	soft		105 mm	yellow		20 pcs. For polishing and cleaning non-textured floors. In conjunction with the corresponding pad roller shaft. Approx. 7 to 7.5 pads are required per 10 cm shaft length.
	21	6.369-456.0	medium		105 mm	red		20 pcs. For cleaning non-textured floors. In conjunction with the corresponding pad roller shaft. Approx. 7 to 7.5 pads are required per 10 cm shaft length.
	22	6.369-455.0	hard		105 mm	green		20 pcs. For removing stubborn contamination and for deep cleaning of non-textured floors. In conjunction with the corresponding pad roller shaft. Approx. 7 to 7.5 pads are required per 10 cm shaft length.

☐ Available accessories. More Kärcher original accessories can be found on the following pages.



[illegible]

		Order No.	Hardness / Brush type	Length	Diameter	Colour	Price	Description
<b>Microfibre shaft</b>								
Microfibre roller	23	4.762-453.0	microfibre	300 mm	60 mm	light green		World innovation: the use of microfibre rollers combines the excellent cleaning properties of microfibres with the advantages of roller technology. For a complete cleaning solution.
	24	4.037-040.0	microfibre	350 mm	96 mm	light green		World innovation: the use of microfibre rollers combines the excellent cleaning properties of microfibres with the advantages of roller technology. In conjunction with pad roller shaft 4.762-009.0.
	25	4.037-066.0	microfibre	350 mm	96 mm	light green		Combines the excellent cleaning properties of microfibres and the advantages of roller technology. No pad roller shaft required.
	26	4.114-004.0	microfibre	400 mm	96 mm	light green		World innovation: the use of microfibre rollers combines the excellent cleaning properties of microfibres with the advantages of roller technology. In conjunction with pad roller shaft 4.762-228.0.
	27	4.037-093.0	microfibre	450 mm	96 mm	light green		Combines the excellent cleaning properties of microfibres and the advantages of roller technology. No pad roller shaft required.
	28	4.114-009.0	microfibre	450 mm	96 mm	light green		World innovation: the use of microfibre rollers combines the excellent cleaning properties of microfibres with the advantages of roller technology. In conjunction with pad roller shaft 4.762-413.0.
	29	4.114-010.0	microfibre	550 mm	96 mm	light green		World innovation: the use of microfibre rollers combines the excellent cleaning properties of microfibres with the advantages of roller technology. In conjunction with pad roller shaft 4.762-415.0.
	30	4.114-005.0	microfibre	532 mm	105 mm	light green		The use of microfibre rollers combines the excellent cleaning properties of microfibres with the advantages of roller technology. For use with pad roller shaft 4.762-432.0. Fits R 55.
	31	4.114-006.0	microfibre	638 mm	105 mm	light green		The use of microfibre rollers combines the excellent cleaning properties of microfibres with the advantages of roller technology. For use with pad roller shaft 4.762-433.0. Fits R 65.
	32	4.114-007.0	microfibre	700 mm	105 mm	light green		The use of microfibre rollers combines the excellent cleaning properties of microfibres with the advantages of roller technology. For use with pad roller shaft 4.762-434.0. Fits R 75.
	33	4.114-008.0	microfibre	800 mm	105 mm	light green		For use with pad roller shaft 4.762-435.0. Fits R 90.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



23



24, 26, 28-33



25, 27

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## DISC BRUSHES



Disc brushes come in different colours for easy selection of the required characteristics (white = soft, black = hard).

		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
<b>Disc brushes</b>								
Disc brush	1	4.905-002.0	medium	550 mm	red	1 piece(s)		For all floors.
	2	4.905-007.0	soft	550 mm	natural	1 piece(s)		Made of natural fibres for cleaning and polishing.
	3	4.905-008.0	very soft	550 mm	white	1 piece(s)		For cleaning sensitive floors and polishing.
	4	4.905-009.0	hard	550 mm	black	1 piece(s)		For stubborn dirt and deep cleaning. Only for non-sensitive surfaces.
	5	6.670-128.0	soft	280 mm		1 piece(s)		For cleaning and polishing sensitive floors.
	6	6.670-127.0	medium	280 mm	red	1 piece(s)		Suitable for all common cleaning tasks, even on sensitive floors.
	7	6.907-154.0	very soft	385 mm	white	1 piece(s)		For cleaning sensitive floors and for polishing.
	8	6.907-153.0	soft	385 mm	natural	1 piece(s)		Made of natural fibres for cleaning and polishing.
	9	6.907-151.0	medium	385 mm	red	1 piece(s)		For general cleaning.
	10	6.907-152.0	hard	385 mm	black	1 piece(s)		For stubborn dirt and deep cleaning. For hard-wearing surfaces.
	11	4.905-024.0	very soft	430 mm	white	1 piece(s)		For cleaning sensitive floors and polishing. Fits D 43.
	12	4.905-023.0	soft	430 mm	natural	1 piece(s)		Made of natural fibres for cleaning and polishing. Fits D 43.
	13	4.905-022.0	medium	430 mm	red	1 piece(s)		For general cleaning of all floors. Standard with D 43.
	14	4.905-025.0	hard	430 mm	black	1 piece(s)		For stubborn dirt and deep cleaning. Only for hard-wearing surfaces. Fits D 43.
	15	4.905-028.0	very soft	510 mm	white	1 piece(s)		For cleaning sensitive floors and polishing. Fits D 51.
	16	4.905-027.0	soft	510 mm	natural	1 piece(s)		Made of natural fibres for cleaning and polishing. Fits D 51.
	17	4.905-026.0	medium	510 mm	red	1 piece(s)		For general cleaning of all floors. Standard with D 51.
	18	4.905-029.0	hard	510 mm	black	1 piece(s)		For stubborn dirt and deep cleaning. Only for hard-wearing surfaces. Fits D 51.
	19	4.905-015.0	very soft	300 mm	white	1 piece(s)		For cleaning sensitive floors and polishing. Fits D 55.
	20	4.905-016.0	soft	300 mm	natural	1 piece(s)		Made of natural fibres for cleaning and polishing. Fits D 55.

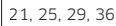
■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
Disc brush	21	4.905-014.0	medium	300 mm	red	1 piece(s)		For all floors. For use in all standard cleaning applications. Standard for D 55.
	22	4.905-017.0	hard	300 mm	black	1 piece(s)		For stubborn dirt and deep cleaning. Only for hard-wearing surfaces. Fits D 55.
	23	4.905-011.0	very soft	355 mm	white	1 piece(s)		For cleaning sensitive floors and polishing. Fits D 65.
	24	4.905-012.0	soft	355 mm	natural	1 piece(s)		Made of natural fibres for cleaning and polishing. Fits D 65.
	25	4.905-010.0	medium	355 mm	red	1 piece(s)		For use in all standard cleaning applications. Standard with D 65.
	26	4.905-013.0	hard	355 mm	black	1 piece(s)		For stubborn dirt and deep cleaning. Only for hard-wearing surfaces. Fits D 65.
	27	4.905-019.0	very soft	385 mm	white	1 piece(s)		For cleaning sensitive floors and for polishing. Fits D 75.
	28	4.905-020.0	soft	385 mm	natural	1 piece(s)		Made of natural fibres for cleaning and polishing. Fits D 75.
	29	4.905-018.0	medium	385 mm	red	1 piece(s)		For all floors. For use in all standard cleaning applications. Standard for D 75.
	30	4.905-021.0	hard	385 mm	black	1 piece(s)		For stubborn dirt and deep cleaning. Only for hard-wearing surfaces. Fits D 75.
	31	8.628-387.0	very soft	508 mm	white	1 piece(s)		For polishing.
	32	8.600-043.0	soft	508 mm	black	1 piece(s)		For cleaning sensitive floors and polishing.
	33	8.600-042.0	medium	508 mm	blue	1 piece(s)		For use in all standard cleaning applications.
	34	4.905-005.0	very soft	450 mm	white	1 piece(s)		For cleaning sensitive floors and polishing.
	35	4.905-004.0	soft	450 mm	natural	1 piece(s)		Made of natural fibres for cleaning and polishing.
	36	4.905-003.0	medium	450 mm	red	1 piece(s)		For all floors. For general cleaning.
	37	4.905-006.0	hard	450 mm	black	1 piece(s)		For stubborn dirt and deep cleaning. Only for hard-wearing surfaces.
	38	6.680-338.0	medium	300 mm	black	1 piece(s)		Standard disc brush for the side scrubbing deck of the B 300 RI. Suitable for all floors.
	39	6.680-339.0	very hard	300 mm	black	1 piece(s)		Hard disc brush for the side scrubbing deck of the B 300 RI. Suitable for non-sensitive floors and heavy soiling.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



**FLOOR SCRUBBERS /  
SCRUBBER DRIERS**

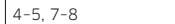
## DISC PADS



Pads have also proven successful on scrubber driers, especially on smooth surfaces. The pad colour indicates the type of use. Microfibre pads are particularly suitable for cleaning fine stoneware.

		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
<b>Pad drive board</b>								
Pad drive board	1	4.762-416.0		530 mm		1 piece(s)		For cleaning with pads. With quick-change coupling and centrelock.
	2	6.670-129.0		270 mm		1 piece(s)		Pad drive board for pad intake.
	3	6.907-150.0		355 mm		1 piece(s)		For cleaning with pads. With quick-change coupling and centrelock.
	4	4.762-533.0		403 mm		1 piece(s)		For cleaning with pads. With quick-change coupling and centrelock. Fits D 43.
	5	4.762-534.0		479 mm		1 piece(s)		For cleaning with pads. With quick-change coupling and centrelock. Fits D 51.
	6	4.762-445.0		280 mm		1 piece(s)		For cleaning with pads. With quick-change coupling and centrelock. Fits D 55.
	7	4.762-446.0		335 mm		1 piece(s)		For cleaning with pads. With quick-change coupling and centrelock. Fits D 65
	8	4.762-447.0		375 mm		1 piece(s)		For cleaning with pads. With quick-change coupling and centrelock. Fits D 75.
	9	8.600-041.0		508 mm		1 piece(s)		For cleaning with pads. With quick-change coupling, hook-and-loop disc pad holder and centrelock.
	10	4.762-493.0		445 mm		1 piece(s)		For cleaning with pads. With quick-change coupling and centrelock. Fits D 90.

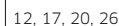
□ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
<b>Pads</b>								
Pad	11	6.369-015.0	hard	533 mm	black	5 piece(s)		For stubborn dirt and deep cleaning.
	12	6.369-016.0	medium-hard	533 mm	green	5 piece(s)		For cleaning extremely dirty floors and deep cleaning.
	13	6.369-017.0	medium-soft	533 mm	red	5 piece(s)		For cleaning and cleaners of all types of floors.
	14	8.637-592.0						38 m long, 10 cm wide. Perforated strips to be torn off. The coarse dirt fleece is applied to the front of the pad and collects hair and lint.
	15	8.637-944.0	soft	635 mm	white	5 piece(s)		White cleaning pad. The attached edges of the slats facilitate the cleaning process.
	16	6.369-003.0	medium-soft	356 mm	red	5 piece(s)		For cleaning all types of floors.
	17	6.369-002.0	medium-hard	356 mm	green	5 piece(s)		For cleaning heavily soiled floors and for deep cleaning.
	18	6.369-001.0	hard	356 mm	black	5 piece(s)		For removing stubborn dirt and deep cleaning.
	19	6.369-791.0	medium-soft	381 mm	red	5 piece(s)		For cleaning all floors.
	20	6.369-790.0	medium-hard	381 mm	green	5 piece(s)		For removing stubborn dirt and deep cleaning.
	21	6.369-789.0	hard	381 mm	black	5 piece(s)		For removing stubborn contaminations and deep cleaning.
	22	6.369-469.0	very soft	432 mm	white	5 piece(s)		For perfect polishing results on sealed floors.
	23	6.371-149.0	soft	432 mm	beige / natural	5 piece(s)		With natural hair, for polishing. Effectively removes scuff marks.
	24	6.371-081.0	soft	432 mm	beige	5 piece(s)		For perfect polishing results on sealed floors.
	25	6.369-470.0	medium-soft	432 mm	red	5 piece(s)		For cleaning all floors.
	26	6.369-472.0	medium-hard	432 mm	green	5 piece(s)		For removing stubborn dirt and deep cleaning.
	27	6.369-473.0	hard	432 mm	black	5 piece(s)		For cleaning heavily soiled floors and for deep cleaning.
	28	6.371-146.0	soft	500 mm	beige / natural	5 piece(s)		With natural hair, for polishing. Effectively removes scuff marks.
	29	6.369-468.0	soft	508 mm	beige	5 piece(s)		Light grit, suitable for polishing floors.
	30	6.369-079.0	medium-soft	508 mm	red	5 piece(s)		For cleaning all types of floors.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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		<b>Order No.</b>	<b>Hardness / Brush type</b>	<b>Diameter</b>	<b>Colour</b>	<b>Quantity</b>	<b>Price</b>	<b>Description</b>
Pad	31	6.369-078.0	medium-hard	508 mm	green	5 piece(s)		For removing stubborn dirt and deep cleaning.
	32	6.369-077.0	hard	508 mm	black	5 piece(s)		For cleaning heavily soiled floors and for deep cleaning.
	33	6.371-153.0	medium-soft	280 mm	red	5 piece(s)		For cleaning all floors. Fits D 55.
	34	6.371-154.0	medium-hard	280 mm	green	5 piece(s)		For removing stubborn dirt and deep cleaning. Fits D 55.
	35	6.371-155.0	hard	280 mm	black	5 piece(s)		For cleaning heavily soiled floors and for deep cleaning. Fits D 55.
	36	6.371-000.0	medium-soft	650 mm	red	5 piece(s)		For cleaning all floors, in combination with the S 65 head.
	37	4.642-025.0	hard	650 mm	brown	5 piece(s)		For restoring shine with the S 65 head, includes Velcro fastener.
	38	6.371-320.0	soft	508 mm	white	5 piece(s)		Without granulation, for polishing floors. Fits D 51.
	39	6.369-024.0	medium-soft	457 mm	red	5 piece(s)		For cleaning all floors. Fits D 90.
	40	6.369-023.0	medium-hard	457 mm	green	5 piece(s)		For cleaning heavily soiled floors and for deep cleaning. Fits D 90.
	41	6.369-022.0	hard	457 mm	black	5 piece(s)		For removing stubborn dirt and deep cleaning. Fits D 90.

☐ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
Diamond pad								
Diamond pad	42	6.371-250.0	coarse	356 mm	white	5 piece(s)		For coarse cleaning/restoring. Removes small scratches, for a clean, silky matt surface. For surface preparation prior to using the yellow pad.
	43	6.371-252.0	coarse	385 mm	white	5 piece(s)		
	44	6.371-256.0	coarse	432 mm	white	5 piece(s)		
	45	6.371-260.0	coarse	508 mm	white	5 piece(s)		
	46	6.371-246.0	coarse	280 mm	white	5 piece(s)		
	47	6.371-258.0	coarse	457 mm	white	5 piece(s)		
	48	6.371-251.0	medium	356 mm	yellow	5 piece(s)		For coarse cleaning/restoring. Removes fine scratches for a more homogeneous and shinier surface. For surface preparation prior to using the green diamond pad.
	49	6.371-253.0	medium	385 mm	yellow	5 piece(s)		
	50	6.371-257.0	medium	432 mm	yellow	5 piece(s)		
	51	6.371-261.0	medium	508 mm	yellow	5 piece(s)		
	52	6.371-247.0	medium	280 mm	yellow	5 piece(s)		
	53	6.371-259.0	medium	457 mm	yellow	5 piece(s)		
	54	6.371-235.0	fine	356 mm	green	5 piece(s)		For effortless polishing of laminated floors, terrazzo and natural stone surfaces. For maintenance cleaning after using white and yellow pads. As a crystallisation pad for high-gloss crystallisation.
	55	6.371-236.0	fine	385 mm	green	5 piece(s)		
	56	6.371-238.0	fine	432 mm	green	5 piece(s)		
	57	6.371-240.0	fine	508 mm	green	5 piece(s)		
	58	6.371-233.0	fine	280 mm	green	5 piece(s)		
	59	6.371-239.0	fine	457 mm	green	5 piece(s)		
Microfibre pad								
Microfibre pad	60	6.905-060.0	microfibre	356 mm	green	5 piece(s)		Excellent cleaning power. Also effectively cleans fine stone tiles.
	61	6.371-271.0	microfibre	508 mm	white	5 piece(s)		
	62	6.369-961.0	microfibre	533 mm	white	5 piece(s)		
	63	6.369-960.0	microfibre	457 mm	white	5 piece(s)		Excellent cleaning power. Also effectively cleans fine stoneware tiles. Fits D 90.
	64	6.371-078.0	microfibre	381 mm	white	5 piece(s)		Excellent cleaning power. Also effectively cleans fine stoneware tiles.
	65	6.369-959.0	microfibre	356 mm	white	5 piece(s)		
	66	6.369-120.0	microfibre	280 mm	white	5 piece(s)		
	67	6.905-526.0	microfibre	410 mm	white	5 piece(s)		

□ Available accessories. More Kärcher original accessories can be found on the following pages.

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# SQUEEGEES, SQUEEGEE BLADES



Curved or straight squeegees are available. Suction lips are grooved as standard. Suction lips are available for particularly sensitive or rough floors.

		Order No.	Length	Colour	Quantity	Price	Description
<b>Squeegee, complete</b>							
V-squeegee	1	4.777-082.0 ■	1400 mm	transparent	1 piece(s)		V-shaped, 1400 mm-long squeegee suitable for type B 250 scrubber driers. The particularly streamlined design of the suction port improves the suction characteristics.
	2	4.777-085.0 ■	1200 mm	transparent	1 piece(s)		V-shaped, 1200 mm-long squeegee, specially developed for type B 250 scrubber driers. Suction lips made from oil-resistant and transparent polyurethane with special sliding properties.
	3	4.777-078.0 ■	1200 mm	transparent	1 piece(s)		V-shaped squeegee with length of 1200 mm and adjustable support rollers. Oil-resistant, fluted suction lips made from robust polyurethane for all conventional floors. Special sliding properties on crevices.
	4	4.777-081.0 ■	1100 mm	transparent	1 piece(s)		With adjustable support rollers and spirit level for precise adjustment: V-shaped squeegee, 1100 mm long. Suction lips made from robust, oil-resistant and transparent polyurethane.
	5	4.777-079.0 ■	900 mm	transparent	1 piece(s)		900 mm-long, V-shaped squeegee with suction lips made from wear- and oil-resistant polyurethane with a long lifetime and for all floors. With spirit level for precise adjustment.
	6	4.777-080.0 ■	1000 mm	transparent	1 piece(s)		Suitable for all conventional floors and with very good gliding properties on crevices: V-shaped squeegee with length of 1000 mm and suction lips made from wear-resistant polyurethane with a long lifetime.
Squeegee	7	4.777-008.0	300 mm	blue	1 piece(s)		Straight, oil-resistant.
	8	4.777-324.0	300 mm	grey	1 piece(s)		For tackling oil and grease in areas such as kitchens or workshops.
	9	4.777-323.0	435 mm	blue	1 piece(s)		Straight, standard.
	10	4.777-322.0	435 mm	grey	1 piece(s)		Straight, oil-resistant.
	11	4.777-406.0	850 mm	blue	1 piece(s)		Straight, without support rollers. Soft natural rubber suction lips.
	12	4.777-401.0	850 mm	transparent	1 piece(s)		Straight, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
	13	4.777-416.0	850 mm	blue	1 piece(s)		Curved, without supporting rollers. Soft natural rubber suction lips.
	14	4.777-411.0	850 mm	transparent	1 piece(s)		Curved, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
	15	4.777-402.0	940 mm	transparent	1 piece(s)		Straight, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
	16	4.777-412.0	940 mm	transparent	1 piece(s)		Curved, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
	17	8.633-816.0	691 mm	transparent	1 piece(s)		Curved, with support rollers. Suction lips made from oil-resistant polyurethane.
	18	8.633-666.0	716 mm	transparent	1 piece(s)		Curved, with support rollers. Suction lips of oil-resistant, transparent polyurethane.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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		Order No.	Length	Colour	Quantity	Price	Description
Squeegee	19	4.777-403.0	1060 mm	transparent	1 piece(s)		Straight, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
	20	4.777-413.0	1060 mm	transparent	1 piece(s)		Curved, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
	21	4.777-002.0	1160 mm	transparent	1 piece(s)		Specially angled squeegee with particularly wide swivel range. Suction lip made from oil-resistant, transparent polyurethane with especially long working lifetime. With support rollers.
	22	4.777-404.0	1180 mm	transparent	1 piece(s)		Straight, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
	23	4.777-414.0	1160 mm	transparent	1 piece(s)		Curved, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
	24	4.777-415.0	1400 mm	transparent	1 piece(s)		Curved, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
	25	4.777-405.0	1420 mm	transparent	1 piece(s)		Straight, with support rollers. Suction lips of oil-resistant, transparent polyurethane.
<b>Squeegees for suction bars</b>							
Suction lips	26	6.680-372.0			4-part		Four-part suction lip set, consisting of front and rear suction lip. Standard set for our B 300 R I combined scrubber drier/ vacuum sweeper.
	27	6.680-373.0			4-part		Wear- and oil-resistant, four-part suction lip set made from polyurethane for our B 300 R I combined scrubber drier/ vacuum sweeper. The set consists of a front and rear suction lip.
Suction lips for V-squeegee	28	6.273-026.0 ■	1542 mm	transparent	2-part		Suction lip set consisting of front and rear suction lip for squeegee (V-shape) with length of 1400 mm. The front suction lip can be used twice, the rear one can be used four times. Made from polyurethane.
	29	6.273-016.0 ■	1334 mm	transparent	2-part		Fluted suction lip set for all conventional floors. Made from oil-resistant, transparent polyurethane with a long lifetime and specially developed for V-shaped, 1200 mm-long squeegees.
	30	6.273-025.0 ■	1222 mm	transparent	2-part		Suction lip set made from robust, transparent polyurethane with fluted structure for V-shaped squeegees with length of 1100 mm. Impressive sliding properties on all floors.
	31	6.273-023.0 ■	1010 mm	transparent	2-part		Suction lip set, fluted and developed for V-shaped squeegees with length of 900 mm. The suction lips are made of wear- and oil-resistant polyurethane and are suitable for all floors.
	32	6.273-024.0 ■	1116 mm	transparent	2-part		Designed for our 1000 mm-long, V-shaped squeegees, this fluted suction lip set impresses on all floors. High-quality, oil-resistant design made from durable polyurethane.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Length	Colour	Quantity	Price	Description
Suction lips	33	8.640-378.0	1010 mm		2-part		Slotted, made from natural rubber.
	34	6.273-000.0	1300 mm	transparent	2-part		Fluted standard suction lip kit for all conventional floors. Made of oil-resistant, transparent polyurethane. With a length of 1300 mm, specially developed for use on angled squeegees.
	35	6.273-011.0	1300 mm	transparent	2-part		The closed profile of this suction lip kit is ideal for highly structured floors. High quality 1300 mm - made of oil-resistant polyurethane for use on angled squeegees.
	36	6.273-014.0	1300 mm	transparent	2-part		This slotted suction lip kit is made of wear-resistant and oil-resistant polyurethane to protect sensitive floors. With a length of 1300 mm - specially developed for use on angled squeegees.
	37	4.037-094.0	560 mm	transparent	2-part		Grooved, oil-resistant, polyurethane.
	38	4.037-059.0	690 mm	transparent	2-part		Made from wear-resistant polyurethane. Very durable and oil-resistant.
	39	6.670-234.0		transparent	2-part		Suction lip set specifically developed for our handy scrubber drier BD 30/4 C, consisting of front and rear suction lip. Made from durable and oil-resistant polyurethane.
	40	8.637-945.0	790 mm	white	1 piece(s)		Made from wear-resistant polyurethane. Very durable and oil-resistant.
	41	8.637-590.0	790 mm	red	1 piece(s)		
	42	6.273-302.0	435 mm	blue	10 piece(s)		Rubber lip for vacuum bars 4.777-323.0.
	43	4.037-035.0	450 mm	transparent	2-part		Grooved, oil-resistant, polyurethane.
	44	6.273-207.0	890 mm	transparent	2-part		Standard, grooved, oil-resistant.
	45	6.273-229.0	890 mm	transparent	2-part		Slotted, oil-resistant, polyurethane, for sensitive floors.
	46	6.273-213.0	890 mm	blue	2-part		Fluted, standard, natural rubber.
	47	6.273-290.0	890 mm	transparent	2-part		Closed, oil-resistant, for structured floors.
	48	6.273-208.0	960 mm	transparent	2-part		Standard, grooved, oil-resistant.
	49	6.273-205.0	960 mm	transparent	2-part		Slotted, oil-resistant, for sensitive floors.
	50	6.273-214.0	960 mm	blue	2-part		Grooved, natural rubber.
	51	6.273-291.0	960 mm	transparent	2-part		Closed, oil-resistant, for structured floors.
	52	8.634-669.0	1010 mm	transparent	2-part		Oil-resistant, polyurethane, slotted.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Length	Colour	Quantity	Price	Description
Suction lips	53	6.273-294.0	870 mm	transparent	2-part		Standard, grooved, oil-resistant.
	54	6.273-206.0	1080 mm	transparent	2-part		Slotted, oil-resistant.
	55	6.273-209.0	1080 mm	transparent	2-part		Standard, grooved, oil-resistant.
	56	6.273-215.0	1080 mm	blue	2-part		Grooved, natural rubber.
	57	6.273-293.0	1080 mm	transparent	2-part		Closed, oil-resistant, for structured floors.
	58	6.273-252.0	1210 mm	transparent	2-part		Standard, grooved, oil-resistant.
	59	6.273-296.0	1210 mm	transparent	2-part		Closed, oil-resistant, for structured floors.
	60	6.273-340.0	1210 mm	transparent	2-part		Grooved, oil-resistant, polyurethane, for sensitive floors.
	61	6.273-210.0	1440 mm	transparent	2-part		Standard, grooved, oil-resistant.
	62	6.273-216.0	1440 mm	transparent	2-part		Slotted, oil-resistant.
	63	6.273-295.0	1440 mm	transparent	2-part		Closed, oil-resistant, for structured floors.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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## OTHER ACCESSORIES



Specially developed accessories extend the range of applications of our scrubber driers.

		Order No.	Length	Colour	Quantity	Price	Description
<b>Miscellaneous</b>							
Add-on kit ecolzero	1	5.388-133.0			1 piece(s)		With ecolzero for climate-neutral cleaning: as compensation for the CO <sub>2</sub> which is produced by using the machine, we support climate protection projects worldwide.
Dirty water tank filter	2	6.414-976.0			1 piece(s)		Improves airflow even when damp, thanks to modified filter material.
Filling hose	3	6.680-124.0	1.5 m		1 piece(s)		Hose for convenient fresh water filling from all standard taps.
Extension cable	4	6.647-022.0	20 m		1 piece(s)		20 m.
KIK key, yellow	5	5.035-344.0		yellow	1 piece(s)		Yellow operator key. Individual access rights can be granted or the display language selected with the grey key that is supplied with the machine.
KIK key, grey	6	5.035-348.0		grey	1 piece(s)		Key for supervisors. Authorised access for operator keys.
KIK key, white	7	4.035-076.0		white	1 piece(s)		White key with keychain. Each key can be individually preset using the grey key supplied with the machine. This means that the machine parameters are always the same. The keychain helps to identify the key. This allows parameters to be set for cleaning in summer or winter, in sunshine or rain, on sensitive and hard-wearing floors or in workshops and showrooms.
KIK key set, yellow	8	4.035-408.0		yellow	5 piece(s)		Key for operators. Cannot be adjusted.
KIK key set, white	9	4.035-064.0		white	5 piece(s)		5 white keys with keychain. Each key can be individually preset using the grey key supplied with the machine. This means that the machine parameters are always the same. The keychain helps to identify the key. This allows parameters to be set for cleaning in summer or winter, in sunshine or rain, on sensitive and hard-wearing floors or in workshops and showrooms.
Fleet management module	10	2.643-310.0			1 piece(s)		Kärcher Fleet is the innovative solution for professional fleet management. The web-based portal enables transparency of machines, cleaning operations and fleet deployment.
	11	2.643-380.0			1 piece(s)		
	12	2.643-348.0			1 piece(s)		
	13	2.643-353.0			1 piece(s)		
	14	4.039-268.0			1 piece(s)		
	15	2.643-855.0			1 piece(s)		

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Length	Colour	Quantity	Price	Description
<b>Spray units</b>							
Pump spray bottle	16	6.394-409.0			1 piece(s)		For easy spraying for cleaning or crystallising.
<b>Cleaning agents dosing station</b>							
DS 3 Cleaning Agent Dosing Station	17	2.641-811.0			1 piece(s)		Can be connected to the water tap; water and cleaning agent are simply filled into the fresh water tank. Can also be used with the ABS filling system. Not for Dose variants.
<b>Home Base accessories</b>							
Universal hook kit	18	4.070-075.0			1 piece(s)		Hook and adapter kit for attachment to Home Base rail of Kärcher scrubber driers. Ideal for space-saving storage of hoses (e.g. spray extraction attachment kit) on the machine.
Home Base mop holder kit	19	4.035-096.0			1 piece(s)		Holder fits on machine for convenient wiping mop storage.  Mop holder allows you to carry a mop on the machine. Easy attachment, convenient handling.
	20	4.035-374.0			1 piece(s)		
	21	4.035-514.0			1 piece(s)		
	22	4.039-271.0			1 piece(s)		
	23	9.753-023.0			1 piece(s)		Holder fits on machine for convenient wiping mop storage.
Home Base Box Kit	24	4.035-406.0			1 piece(s)		Safe storage of cloths, cleaning agent bottles, etc., whilst cleaning.
Adapter Homebase	25	5.035-488.0			1 piece(s)		For attaching to the Home Base rail.
Double hook	26	6.980-077.0			1 piece(s)		Suitable for attaching bin liners, bags, etc. to the machine - only in conjunction with Home Base adaptor 5.035-488.0.
Holder handhold, grey	27	6.980-078.0			1 piece(s)		Accessory for attaching a mop/brush to the machine - only in conjunction with Home Base adapter 5.035-488.0.
Holder bottle	28	6.980-080.0			1 piece(s)		Suitable for transporting spray bottles - only in conjunction with Home Base adapter 5.035-488.0.
Manual rinsing system	29	4.035-515.0			1 piece(s)		Allows the tank to be rinsed using the on-board fresh water. Includes hose, spray nozzle and hose hanger.
<b>Other</b>							
Cleaning agent container, complete	30	4.070-006.0			1 piece(s)		Kit consisting of cleaning agent container and Home Base adapter. For connecting Home Base rail.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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		Order No.	Length	Colour	Quantity	Price	Description
<b>Wheels/tyres</b>							
Rear wheel, non-chalking	31	6.680-376.0			1 piece(s)		Solid rubber wheel, prevents tyre tracks on light surfaces.
Front wheel, standard	32	6.680-378.0			1 piece(s)		High-quality standard wheel made from oil-resistant polyurethane.
Front wheel, non-chalking	33	6.680-377.0			1 piece(s)		Solid rubber wheel, prevents tyre tracks on light surfaces.
Supergrip, rear wheel	34	6.435-092.0		grey	1 piece(s)		For improving adhesion and increasing safety in curves, this oil-resistant rear wheel is suitable for the B 250 R ride-on scrubber drier (two required).
	35	6.438-006.0		grey	1 piece(s)		For improving adhesion and increasing safety in curves, this oil-resistant rear wheel is suitable for the B 150 R ride-on scrubber drier (2 required).
Tyre, supergrip	36	6.435-403.0		yellow	1 piece(s)		Oil-resistant, with especially good traction.
Sports hall attachment kit	37	4.744-162.0			1 piece(s)		Reduces floor loading to < 0.5 N/mm <sup>2</sup> , in accordance with DIN 18032.
Wheel, oil resistant	38	6.435-702.0			1 piece(s)		Machine requires 2.
Supergrip front wheels	39	6.435-810.0		purple	1 piece(s)		The combination of the special tyre compound and the V-profile of these oil-resistant front wheel drums increases traction and provides good adhesion on slippery floors.
	40	6.435-855.0			1 piece(s)		For high traction on gradients of up to 18% on adherent surfaces. Particularly suitable for use in underground car parks.
<b>Wiping flaps</b>							
Set of squeegee blades	41	4.035-404.0			1 piece(s)		Oil-resistant rubber squeegee blades on side of brush head.
Modification kit, squeegee blades for brush head	42	2.763-031.0			1 piece(s)		Floating squeegee blades adapt to the surface. Fits D 90, D 75 and D 65.
<b>Carpet Kits</b>							
Carpet cleaning kit	43	2.783-005.0			1 piece(s)		For intensive carpet cleaning: 2 suction lips for carpets + 1 blue roller brush + 1 l RM 764 + 0.5 l RM 769.
	44	2.783-014.0			1 piece(s)		For intensive carpet cleaning: 2 suction lips for carpets + 2 blue roller brushes + 1 l RM 764 + 0.5 l RM 769.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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# ATTACHMENT KITS



Useful accessories and attachment kits facilitate daily cleaning for excellent results. They ensure greater safety, reduce the impact on the environment and are cost-effective.

		Order No.	Length	Diameter	Quantity	Price	Description
<b>Standard main roller brushes</b>							
Standard roller brush	1	6.906-375.0	700 mm	285 mm	1 piece(s)		Water-resistant universal bristles, durable, suitable for all surfaces.
<b>Standard side brushes</b>							
Standard side brushes	2	6.951-073.0		390 mm	1 piece(s)		Standard side brush with water-resistant universal bristles and a long lifetime. Suitable for all surfaces.
	3	6.905-986.0		450 mm	1 piece(s)		Water-resistant universal bristles, durable, suitable for all surfaces.
<b>Spray extraction mounting kit</b>							
Spray suction attachment kit	4	2.642-058.0			1 piece(s)		Fits B 150 R.
	5	2.642-740.0			1 piece(s)		Fits B 80 W.
	6	2.642-833.0			1 piece(s)		Facilitates cleaning in areas inaccessible to the machine.
	7	2.640-938.0			1 piece(s)		
<b>Other attachment kits</b>							
Side brush attachment kit, right	8	2.643-691.0			1 piece(s)		For sweeping close to the edge on the right side: the side brush attachment kit with lifting arm extends the working width by 35 cm.
Side brush attachment kit, left	9	2.643-692.0			1 piece(s)		For sweeping close to the edge on the left side: the side brush attachment kit with lifting arm extends the working width by 35 cm.
Scrubbing deck attachment kit, right	10	2.643-693.0			1 piece(s)		For wet cleaning close to the edge on the right side: side scrubbing deck with lifting arm. Extends the working width by 30 cm.
Scrubbing deck attachment kit, left	11	2.643-694.0			1 piece(s)		For wet cleaning close to the edge on the left side: side scrubbing deck with lifting arm. Extends the working width by 30 cm.
Protective roof attachment kit, without glass	12	2.643-696.0			1 piece(s)		High-quality protective roof without glass for optimal protection against falling objects.
StVZO (road use) attachment kit	13	2.852-213.0			1 piece(s)		Necessary for operation on public roads: attachment kit complies with the German Road Traffic Licensing Regulations (StVZO). Includes indicators, registration plate holder and brake lights.
Standard side brushes	14	6.680-335.0		350 mm	1 piece(s)		With durable, water-resistant universal bristles. Suitable for all surfaces.
Side brush, hard	15	6.680-336.0		350 mm	1 piece(s)		With mixed bristles made of PPL and steel for extreme soiling.
Water spraying system for side brush	16	2.643-843.0			1 piece(s)		The nozzles prevent dust dispersion when using the side brush, whereby the water that is sprayed binds the dusts.
Working light attachment kit	17	2.643-848.0			1 piece(s)		For operation in poorly lit areas.
Protective roof attachment kit	18	2.643-849.0			1 piece(s)		This high-quality protective roof for the B 250 R scrubber drier (height including protective roof 2170 mm) protects the operator from falling objects – tested according to EN IEC 60335-2-72.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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		Order No.	Length	Diameter	Quantity	Price	Description
Flashing beacon attachment kit	19	2.643-850.0			1 piece(s)		This rotating light increases visibility and safety significantly during operation in dark buildings. The dimensions of the B 250 R remain unchanged with the attachment kit.
Dose attachment kit for cleaning agent dosing unit	20	2.643-851.0			1 piece(s)		For easy dosing directly from the can.
2-point safety belt	21	6.989-732.0			1 piece(s)		2-point safety belt for ride-on scrubber driers B 250 R and B 250 R I. Increases operator work safety considerably.
Side brush attachment kit R120	22	2.643-847.0			1 piece(s)		Side brush, right and left. Includes lifting motor and deflector. Removes loose dirt around edges. Fits machines with brush head R 120.
Side brush attachment kit R100	23	2.643-846.0			1 piece(s)		Side brush, right and left. Includes lifting motor and deflector. Removes loose dirt around edges. Fits machines with brush head R 100.
Flashing beacon attachment kit	24	4.039-267.0			1 piece(s)		Non-glare flashing beacon increases safety when working in dark buildings.
Bin liner holder attachment kit	25	4.039-269.0			1 piece(s)		Time-saving and useful accessory part: holder for convenient attachment of a bin liner or bin bag directly to the machine.
Pre-sweep mop attachment kit	26	4.039-270.0			1 piece(s)		Attachment kit for carrying a pre-sweep mop. The pre-sweep unit can be attached to the scrubber drier so that the mop can also pick up dust and particles during operation.
Suction hose accessories	27	4.444-015.0	3.25 m		1 piece(s)		For vacuuming water out of corners or containers (e.g. freezers).
Support roller kit	28	2.641-773.0			1 piece(s)		Reduces the danger of damaging the floor through abrupt steering at high speeds, sharp braking on corners or when turning on downhill slopes.
Flashing beacon attachment kit	29	2.641-718.0			1 piece(s)		Increases the safety of the working environment.
Flashing beacon	30	4.035-516.0			1 piece(s)		
Auto-Fill	31	2.641-748.0			1 piece(s)		Automatic filling system. Water supply automatically stops when the tank is full. With safety overflow.
	32	4.035-345.0			1 piece(s)		

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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# BATTERIES, CHARGERS



Only chargers and batteries suitable for the machine ensure a long service life. Kärcher offers high-quality batteries and chargers for all its machines.

		Order No.	Quantity	Battery voltage	Battery capacity	Battery type	Price	Description
<b>Rechargeable batteries + chargers</b>								
Li-Ion battery 36 V	1	4.654-016.0	1 piece(s)	36 V	7.5 Ah			High-performance lithium-ion battery BP 750 (36 V, 7.5 Ah).
Quick charger	2	6.654-354.0	1 piece(s)	36 V	7.5 Ah			The single-slot quick charger BC 1/7 is designed for high-performance lithium-ion batteries, type BP 750.
<b>Traction batteries</b>								
Battery	3	6.654-119.0	1 piece(s)	6 V	240 Ah	Maintenance-free		4 required.
<b>Batteries</b>								
Battery	4	4.654-000.0	1 piece(s)	36 V	630 Ah	Low-maintenance		Cell battery, with central filling system.
	5	4.035-181.0	1 piece(s)	6 V	170 Ah	Maintenance-free		Maintenance-free 6 V traction battery with fleece technology. 170 Ah capacity, four required.
	6	4.035-182.0	1 piece(s)	12 V	105 Ah	Maintenance-free		Machines with 36 V require three batteries.
Battery set	7	4.035-070.0	1 piece(s)	36 V	180 Ah	Low-maintenance		Low-maintenance battery in tray includes central filling system and acid level indicator.
	8	4.035-071.0	6-part	36 V	180 Ah	Maintenance-free		Gel traction battery, maintenance-free, consists of 6 × 6 V / 180 Ah blocks. Includes connection cable.
	9	4.035-074.0	6-part	36 V	180 Ah	Low-maintenance		Low-maintenance battery set 36 V / 180 Ah. Consists of 6 × 6 V / 180 Ah blocks. Includes connection cable.
	10	4.035-537.0	6-part	36 V	240 Ah	Maintenance-free		Gel traction battery with high capacity, maintenance-free. Consists of 6 × 6 V blocks. Includes connection cable.
	11	4.035-538.0	6-part	36 V	170 Ah	Maintenance-free		Traction battery with maintenance-free fleece technology, consists of 6 × 6 V/170 Ah blocks. Includes connection cable.
Battery	12	4.035-188.0	1 piece(s)	12 V	80 Ah	Maintenance-free		Traction battery as a maintenance-free fleece variant, two required.
	13	6.654-290.0	1 piece(s)	12 V	80 Ah	Low-maintenance		Low-maintenance battery (12 V / 80 Ah) for Kärcher scrubber driers. Please note that 24 V machines need two batteries.
Lithium-ion battery	14	6.670-126.0	1 piece(s)	36.5 V	5.2 Ah	Li-Ion		Lithium-ion replacement battery (36.5 V / 5.2 Ah) – can be charged in the quick charger with plug-in card intended for this purpose.
Battery	15	6.654-093.0	1 piece(s)	12 V	76 Ah	Maintenance-free		Gel traction battery, maintenance-free. Rated at 12 V / 76 Ah (5 h). Two batteries required for 24 V machines, three required for 36 V machines.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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		Order No.	Quantity	Battery voltage	Battery capacity	Battery type	Price	Description
Battery kit	16	4.035-447.0	2-part	24 V	76 Ah	Maintenance-free		Maintenance-free battery set. Includes 2 × 12 V batteries and connection cable.
	17	4.035-450.0	2-part	24 V	80 Ah	Low-maintenance		Low-maintenance battery set. Includes 2 × 12 V batteries and connection cable.
	18	4.035-449.0	2-part	24 V	105 Ah	Maintenance-free		Maintenance-free battery set. Includes 2 × 12 V batteries and connection cable.
	19	4.035-388.0	4-part	24 V	170 Ah	Maintenance-free		Maintenance-free battery set. Includes 4 × 6 V batteries and connection cable with fleece technology.
Battery	20	6.654-124.0	1 piece(s)	6 V	180 Ah	Maintenance-free		Gel battery, B 60 W, B 80 W and B 90 R, 4 required. BD 80/120 W, 6 required.
Battery kit	21	4.035-387.0	4-part	24 V	180 Ah	Maintenance-free		Maintenance-free battery set. Includes 4 × 6 V batteries and connection cable.
	22	6.654-130.0	4-part	24 V	180 Ah	Maintenance-free		Battery set, maintenance-free gel batteries, 4 × 6 V / 180 Ah (C5). Includes connection cable.
	23	4.035-440.0	4-part	24 V	180 Ah	Low-maintenance		Low-maintenance battery set. Includes 4x 6 V batteries and connection cable.
	24	6.654-070.0	4-part	24 V	180 Ah	Low-maintenance		Battery set includes 4 × 6 V batteries and connection cable.
	25	4.035-988.0	1 piece(s)	36 V	180 Ah	Low-maintenance		Wet cell battery, with central filling system.
	26	4.654-307.0	6-part	36 V	180 Ah	Maintenance-free		Fits B 150 R; B 150 R Bp.
	27	4.035-393.0	4-part	24 V	240 Ah	Maintenance-free		Maintenance-free battery set. Includes 4x 6 V batteries and connection cable.
	28	4.654-306.0	6-part	36 V	240 Ah	Maintenance-free		Fits B 150 R; B 150 R Bp.
	29	4.035-987.0	1 piece(s)	36 V	240 Ah	Low-maintenance		Wet cell battery, with central filling system.
<b>Battery Chargers</b>								
Battery charger	30	4.654-001.0	1 piece(s)	36 V		Separate		For maintenance-free 24 V / 240 Ah batteries (6.654-119.0).
	31	6.654-329.0	1 piece(s)	24 V		Separate		Standby battery charger for maintenance-free 24 V batteries of 70 to 105 Ah with order no. 6.654-093.0, 6.654-141.0 and 4.035-449.0.
	32	4.654-012.0	1 piece(s)	24 V		Separate		24 V battery charger specially for 24 V battery set (order no. 4.035-388.0) with 170 Ah storage capacity.
	33	4.654-013.0	1 piece(s)	24 V		Separate		24 V battery charger, specially for the high-performance, low-maintenance 24 V battery set with 180 Ah storage capacity (order no. 4.035-440.0).
	34	4.654-316.0	1 piece(s)	24 V		Separate		External battery charger for charging the maintenance-free 180 Ah batteries (order no. 6.654-124.0).

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



**FLOOR SCRUBBERS /  
SCRUBBER DRIERS**

		Order No.	Quantity	Battery voltage	Battery capacity	Battery type	Price	Description
Battery charger	35	6.654-332.0	1 piece(s)	24 V		Separate		Standby battery charger for low-maintenance 24 V batteries with 80 Ah storage capacity (6.654-290.0 and 4.035-450.0).
	36	6.654-344.0		24 V		Separate		
	37	6.670-130.0	1 piece(s)			Separate		Universal quick charger with a plug-in card. Please order power cord separately.
	38	6.654-067.0	1 piece(s)	24 V		Separate		For low-maintenance 80 Ah batteries (6.654-048.0 and 6.654-097.0).
	39	6.654-179.0	1 piece(s)	24 V		Separate		For operation with 100-230 V. For low-maintenance 24 V batteries with 80 Ah capacity (6.654-097.0).
	40	6.654-276.0	1 piece(s)	36 V		Separate		Charger with 36 V / 12 A voltage, suitable for BD 50/40 RS Bp Pack. For battery 3 × 6.654-093.0.
	41	6.654-072.0	1 piece(s)	24 V		Separate		For low-maintenance 24 V batteries from 160-180 Ah (e.g. for 6.654-070.0).
	42	6.654-078.0	1 piece(s)	24 V		Separate		For maintenance-free 160-180 Ah batteries (6.654-124.0 and 6.654-130.0).
	43	6.654-125.0	1 piece(s)	24 V		Separate		For batteries 6.654-124.0 and 6.654-130.0.
	44	6.654-180.0	1 piece(s)	24 V		Separate		For operation with 100-230 V. For maintenance-free 24 V batteries 160-180 Ah (6.654-124.0 and 6.654-130.0).
<b>Chargers</b>								
Charger	45	6.654-120.0	1 piece(s)	24 V		Separate		For maintenance-free batteries 24 V / 240 Ah (6.654-119.0).
<b>Battery and charger kits</b>								
Quick charger set II 36 V / 58 Ah	46	2.642-555.0	1 piece(s)	36 V	58 Ah	Maintenance-free		Battery set with maintenance-free batteries, connection cable and charger. Designed for quick interim charges with a charging time < 3 h. Ideal for multiple shift operation.
Quick charger set VII 24 V/116 Ah	47	2.642-751.0	1 piece(s)	24 V	116 Ah	Maintenance-free		
Quick charger set V 24 V / 164 Ah	48	2.642-558.0	1 piece(s)	24 V	164 Ah	Maintenance-free		
Quick charger set VI 24 V / 116 Ah	49	2.642-559.0	1 piece(s)	24 V	116 Ah	Maintenance-free		
Quick charger set I 24 V / 58 Ah	50	2.642-554.0	1 piece(s)	24 V	58 Ah	Maintenance-free		
Quick charger attachment kit	51	2.642-237.0	1 piece(s)	36 V		Low-maintenance		Original equipment from Bp model. Includes battery 6.654-269.0 and charger 6.654-268.0.
Quick charger modification kit	52	2.882-687.0	1 piece(s)	36 V		Low-maintenance		For retrofitting of Bp Pack variants with Kärcher original battery. Includes battery ventilation and charger 6.654-268.0.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



**FLOOR SCRUBBERS /  
SCRUBBER DRIERS**

		Order No.	Quantity	Battery voltage	Battery capacity	Battery type	Price	Description
<b>Accessories for batteries</b>								
Spacer	53	4.642-021.0	1 piece(s)					Fits quick charger set 2.642-751.0. Prevents the battery from slipping into the machine.
	54	4.642-019.0	1 piece(s)					Fits quick charger set 2.642-558.0. Prevents the battery from slipping into the machine.
	55	4.642-020.0	1 piece(s)					Fits quick charger set 2.642-559.0. Prevents the battery from slipping into the machine.
Box with wall holder	56	2.641-243.0	1 piece(s)			Low-maintenance		Storage system for refilling wet batteries, easy filling of the batteries possible, saves a lot of time. Install container at a height of 4 metres. Includes hose and flow rate volume meter.
Box	57	2.641-244.0	1 piece(s)			Low-maintenance		

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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# SINGLE-DISC MACHINE ACCESSORIES



High-quality Kärcher accessories are extremely durable and ideal for daily use with single-disc machines – for excellent cleaning results.

		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
<b>Disc brushes</b>								
Disc brush	1	6.369-892.0	soft	330 mm	natural	1 piece(s)		Polishing brush.
Shampooing brush	2	6.369-891.0	medium-soft	330 mm	blue / white	1 piece(s)		Shampooing brush.
Disc brush	3	6.369-890.0	medium	330 mm	red	1 piece(s)		Scrubbing brush.
	4	6.369-893.0	hard	330 mm	black	1 piece(s)		Scrubbing brush, GRIT.
	5	6.369-897.0	soft	430 mm	natural	1 piece(s)		Polishing brush.
Shampooing brush	6	6.369-896.0	medium-soft	430 mm	blue / white	1 piece(s)		Shampooing brush.
Disc brush	7	6.369-895.0	medium	430 mm	red	1 piece(s)		Scrubbing brush.
	8	6.369-898.0	hard	430 mm	black	1 piece(s)		Scrubbing brush, GRIT.
Shampooing brush	9	6.371-266.0	medium-soft	508 mm	blue / white	1 piece(s)		For carpet cleaning.
Disc brush	10	6.371-206.0	medium	508 mm	red	1 piece(s)		For general cleaning. Also suitable for sensitive floors.
	11	6.371-265.0	hard	508 mm	black	1 piece(s)		For stubborn dirt and deep cleaning. For hard-wearing surfaces.
<b>Pad drive board</b>								
Pad drive board	12	6.369-894.0		330 mm		1 piece(s)		Low speed.
	13	6.369-899.0		430 mm		1 piece(s)		
	14	6.369-901.0		430 mm		1 piece(s)		Duo-speed.
	15	6.371-208.0		483 mm		1 piece(s)		For cleaning with pads. With quick-change coupling and centrelock.

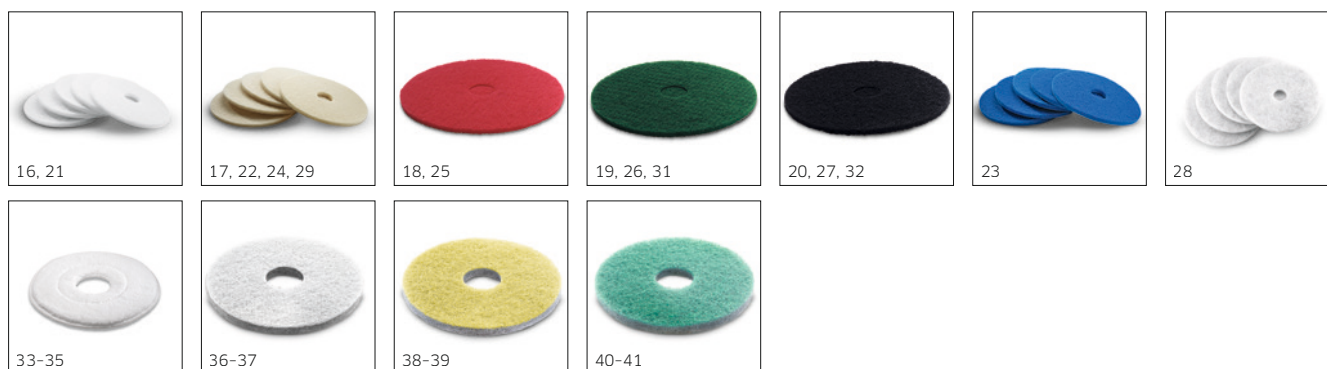
□ Available accessories. More Kärcher original accessories can be found on the following pages.



BDS 51/180 C  
BDS 43/180 C  
BDS 51/180 C Adv  
BDS 43/180 C Adv  
BDS 33/180 C Adv  
BDS 43/Duo C 1 Adv / BDS 43/Duo C Adv  
BDP 43/450 C Adv

		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
Pads								
Pad	16	6.369-903.0	very soft	330 mm	white	5 piece(s)		Smooth, for floor polishing.
	17	6.369-904.0	soft	330 mm	beige	5 piece(s)		For perfect polishing results on sealed floors.
	18	6.369-905.0	medium-soft	330 mm	red	5 piece(s)		For cleaning all floors.
	19	6.369-906.0	medium-hard	330 mm	green	5 piece(s)		For cleaning heavily soiled floors and deep cleaning.
	20	6.369-907.0	hard	330 mm	black	5 piece(s)		For removing stubborn dirt and deep cleaning.
	21	6.369-469.0	very soft	432 mm	white	5 piece(s)		For perfect polishing results on sealed floors.
	22	6.371-149.0	soft	432 mm	beige / natural	5 piece(s)		With natural hair, for polishing. Effectively removes scuff marks.
	23	6.369-471.0	soft	432 mm	blue	5 piece(s)		Especially suitable for deep cleaning of linoleum floors.
	24	6.371-081.0	soft	432 mm	beige	5 piece(s)		For perfect polishing results on sealed floors.
	25	6.369-470.0	medium-soft	432 mm	red	5 piece(s)		For cleaning all floors.
	26	6.369-472.0	medium-hard	432 mm	green	5 piece(s)		For removing stubborn dirt and deep cleaning.
	27	6.369-473.0	hard	432 mm	black	5 piece(s)		For cleaning heavily soiled floors and for deep cleaning.
	28	6.371-146.0	soft	500 mm	beige / natural	5 piece(s)		With natural hair, for polishing. Effectively removes scuff marks.
	29	6.369-468.0	soft	508 mm	beige	5 piece(s)		Light grit, suitable for polishing floors.
	30	6.369-079.0	medium-soft	508 mm	red	5 piece(s)		For cleaning all types of floors.
	31	6.369-078.0	medium-hard	508 mm	green	5 piece(s)		For removing stubborn dirt and deep cleaning.
	32	6.369-077.0	hard	508 mm	black	5 piece(s)		For cleaning heavily soiled floors and for deep cleaning.
Microfibre pad								
Microfibre pad	33	6.369-908.0	microfibre	330 mm	white	5 piece(s)		Excellent cleaning power. Also effectively cleans fine stoneware tiles.
	34	6.371-271.0	microfibre	508 mm	white	5 piece(s)		
	35	6.905-526.0	microfibre	410 mm	white	5 piece(s)		
Diamond pad								
Diamond pad	36	6.371-256.0	coarse	432 mm	white	5 piece(s)		For coarse cleaning/restoring. Removes small scratches, for a clean, silky matt surface. For surface preparation prior to using the yellow pad.
	37	6.371-260.0	coarse	508 mm	white	5 piece(s)		
	38	6.371-257.0	medium	432 mm	yellow	5 piece(s)		For coarse cleaning/restoring. Removes fine scratches for a more homogeneous and shinier surface. For surface preparation prior to using the green diamond pad.
	39	6.371-261.0	medium	508 mm	yellow	5 piece(s)		
	40	6.371-238.0	fine	432 mm	green	5 piece(s)		For effortless polishing of laminated floors, terrazzo and natural stone surfaces. For maintenance cleaning after using white and yellow pads. As a crystallisation pad for high-gloss crystallisation.
	41	6.371-240.0	fine	508 mm	green	5 piece(s)		

□ Available accessories. More Kärcher original accessories can be found on the following pages.



			BDS 51/180 C	BDS 43/180 C	BDS 51/180 C Adv	BDS 43/180 C Adv	BDS 33/180 C Adv	BDS 43/Duo C1 Adv / BDS 43/Duo C Adv	BDP 43/450 C Adv
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		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
<b>Accessories for sanding</b>								
Sanding board	42	6.369-934.0		430 mm		1 piece(s)		For concrete floors.
Drive board for sandpaper	43	6.369-902.0		405 mm		1 piece(s)		With centrelock for attaching sandpaper.
Sandpaper, 36 grit	44	6.990-008.0		410 mm		10 piece(s)		Coarse, 36 grit. For the initial sanding of parquet.
Sandpaper, 60 grit	45	6.990-009.0		410 mm		10 piece(s)		Medium, 60 grit. For the interim sanding of parquet.
Sandpaper, 100 grit	46	6.990-007.0		410 mm		10 piece(s)		Fine, 100 grit. For the final sanding on bare wood or as an interim sanding before the final sealing.
<b>Miscellaneous</b>								
Complete tank	47	8.600-062.0			black	1 piece(s)		Enables easy application of the cleaning agent. Capacity: 10 l.
Filling hose	48	6.680-124.0				1 piece(s)		Hose for convenient fresh water filling from all standard taps.
Extension cable	49	6.647-022.0				1 piece(s)		20 m.
Supplementary weight, 10 kg	50	2.642-802.0				1 piece(s)		Increases the contact pressure. For effective coating removal, grinding, crystallising, etc.
<b>Other attachment kits</b>								
Suction unit 43 cm / 17 inches Adv	51	2.642-674.0				1 piece(s)		Prevents dust when polishing or crystallising.
Tank Adv	52	2.642-476.0				1 piece(s)		Easy to remove. Enables easy application of the cleaning fleet. Capacity: 10 l.
	53	2.642-495.0				1 piece(s)		Easy to remove. Enables easy application of the cleaning fleet. Capacity: 8 l.
Suction ring 43 cm / 17 inches	54	4.071-223.0				1 piece(s)		Reduces dust development when sanding, crystallising, polishing or cleaning in conjunction with a wet and dry vacuum cleaner or the suction unit.
<b>Paper filter bags (two-ply)</b>								
Paper filter bags	55	6.904-403.0				10 piece(s)		Dust class M.

☐ Available accessories. More Kärcher original accessories can be found on the following pages.



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# ESCALATOR CLEANING ACCESSORIES



Front and rear combs are available for different types of escalators. These prevent water from entering the escalator.

		Order No.	Hardness / Brush type	Colour	Quantity	Price	Description
<b>Brushes</b>							
Brushes, standard	1	6.680-002.0		white	2 piece(s)		Brushes.
	2	5.762-266.0	soft	white	1 piece(s)		Machine requires 2. For moderate to heavy soiling.
Brushes, hard	3	6.680-001.0	hard		2 piece(s)		Brushes.
Brushes, intake brushes	4	5.762-268.0		black	1 piece(s)		Machine requires 2.
Brushes, hard	5	5.762-267.0	hard	black	1 piece(s)		Machine requires 2. For removing stubborn dirt on hard-wearing surfaces.
<b>Inlet/outlet combs</b>							
Inlet combs, orange	6	6.371-321.0		orange	2 piece(s)		Thyssen-Krupp, model FT 983.
Outlet combs, orange	7	6.371-322.0		orange	2 piece(s)		
Inlet combs, yellow	8	6.371-272.0		yellow	2 piece(s)		Thyssen-Krupp, Fujitec.
Outlet combs, yellow	9	6.371-273.0		yellow	2 piece(s)		
Inlet combs, grey	10	6.369-509.0		grey	2 piece(s)		KONE, O&K.
Outlet combs, grey	11	6.369-519.0		grey	2 piece(s)		
Inlet combs, black	12	6.369-510.0		black	2 piece(s)		OTIS, FUJITEL, MONTGOMERY.
Outlet combs, black	13	6.369-520.0		black	2 piece(s)		
Inlet combs, green	14	6.369-511.0		green	2 piece(s)		Schindler, Westinghouse, MITSUBISHI.
Outlet combs, green	15	6.369-521.0		green	2 piece(s)		
Inlet combs, white	16	6.369-512.0		white	2 piece(s)		CNIM, DONG YANG, HITACHI, TOSHIBA.
Outlet combs, white	17	6.369-522.0		white	2 piece(s)		
Inlet combs, blue	18	6.369-914.0		blue	2 piece(s)		OTIS, models 622 and 913.
Outlet combs, blue	19	6.369-915.0		blue	2 piece(s)		
<b>Other</b>							
Filter bags	20	6.680-003.0			10 piece(s)		10 l.
Guide rail, standard	21	5.032-932.0			1 piece(s)		Guide rail, standard.
Groove rake	22	6.369-507.0			1 piece(s)		KONE + Schindler; for manual removal of stubborn dirt, such as small stones, etc.
	23	6.369-508.0			1 piece(s)		Thyssen + OTIS; for manual removal of stubborn dirt, such as small stones, etc.
<b>Hand pads</b>							
Hand pads	24	6.369-513.0	medium	green	5 piece(s)		KONE, green, for manual cleaning of vertical surfaces.
	25	6.369-514.0	medium	green	5 piece(s)		OTIS, for manual cleaning of vertical surfaces.
	26	6.369-515.0	medium	green	5 piece(s)		Schindler, for manual cleaning of vertical surfaces.
	27	6.369-516.0	medium	green	5 piece(s)		Thyssen, for manual cleaning of vertical surfaces.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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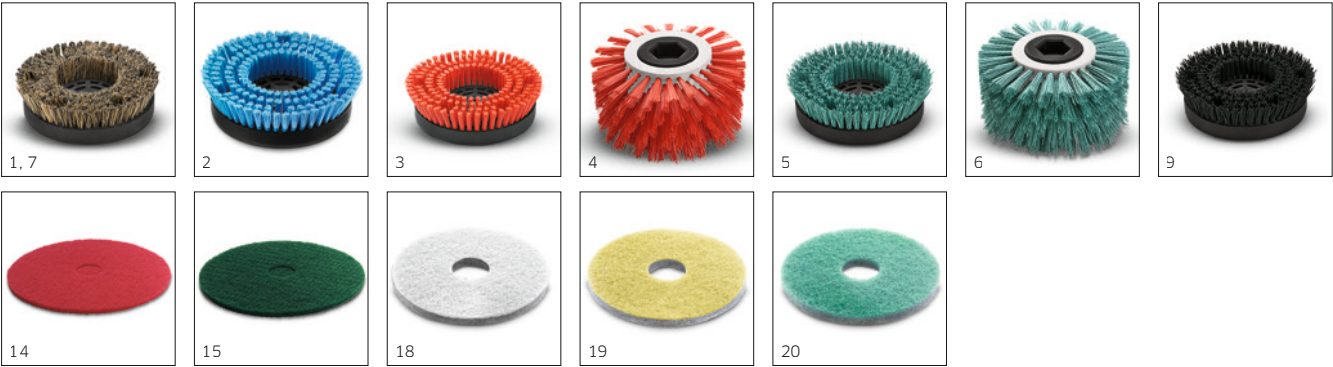
## STAIR CLEANING ACCESSORIES



Deep cleaning, polishing, crystallising or shampooing various floor coverings. A wide range of accessories mean that the machine can be used for a wide variety of applications.

		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
<b>Disc brushes</b>								
Polishing brush	1	6.994-114.0	soft	170 mm	natural	1 piece(s)		For polishing.
Shampooing brush	2	6.994-115.0	medium-soft	170 mm	blue	1 piece(s)		For carpets.
Disc brush	3	6.994-112.0	medium	170 mm	red	1 piece(s)		For all surfaces.
Corner brush	4	6.994-127.0	medium	170 mm	red	1 piece(s)		Ideal for cleaning in corners, for all surfaces.
Disc brush	5	6.994-113.0	hard	170 mm	green	1 piece(s)		For deep cleaning.
Corner brush	6	6.994-128.0	hard	170 mm	green	1 piece(s)		Ideal for cleaning in corners, for deep cleaning.
Disc brush	7	6.994-118.0	soft	200 mm	natural	1 piece(s)		For polishing, large diameter.
	8	6.994-116.0	medium	200 mm	red	1 piece(s)		For all surfaces, large diameter.
	9	6.994-117.0	hard	200 mm	black	1 piece(s)		For deep cleaning, large diameter.
<b>Pad drive board</b>								
Pad drive board	10	6.994-119.0		170 mm		1 piece(s)		Easy to fit pad drive board for BD 17/5 stair cleaning machine. For cleaning with 170 mm diameter pads.
<b>Pads</b>								
Pad	11	6.994-120.0	very soft	170 mm	white	1 piece(s)		Smooth, for floor polishing.
	12	6.994-126.0	soft	170 mm	white	1 piece(s)		With wool polishing attachment.
	13	6.994-124.0	soft	170 mm	beige	1 piece(s)		Fine grit for floor polishing.
	14	6.994-122.0	medium-soft	170 mm	red	1 piece(s)		For cleaning all types of floors.
	15	6.994-123.0	medium-hard	170 mm	green	1 piece(s)		For cleaning heavily soiled floors and deep cleaning.
	16	6.994-121.0	hard	170 mm	black	1 piece(s)		For removing stubborn dirt and deep cleaning.
	17	6.994-125.0		170 mm	grey	5 piece(s)		For high-sheen crystallisation.
<b>Diamond pad</b>								
Diamond pad	18	6.371-242.0	coarse	160 mm	white	5 piece(s)		For coarse cleaning/restoring. Removes small scratches, for a clean, silky matt surface. For surface preparation prior to using the yellow pad. As a crystallisation pad for basic crystallisation.
	19	6.371-243.0	medium	160 mm	yellow	5 piece(s)		For coarse cleaning/restoring. Removes fine scratches for a more homogeneous and shinier surface. For surface preparation prior to using the green diamond pad. As a crystallisation pad for high-gloss crystallisation.
	20	6.371-241.0	fine	160 mm	green	5 piece(s)		For effortless polishing of laminated floors, terrazzo and natural stone surfaces. For maintenance cleaning after using white and yellow pads.

□ Available accessories. More Kärcher original accessories can be found on the following pages.



		BD 17/5 C
1		<input type="checkbox"/>
2		<input type="checkbox"/>
3		<input type="checkbox"/>
4		<input type="checkbox"/>
5		<input type="checkbox"/>
6		<input type="checkbox"/>
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16		<input type="checkbox"/>
17		<input type="checkbox"/>
18		<input type="checkbox"/>
19		<input type="checkbox"/>
20		<input type="checkbox"/>

		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
<b>Miscellaneous</b>								
Splash guard	21	6.994-129.0				1 piece(s)		Prevents splashing of detergent at maximum speed. For brushes with a diameter of 170 or 200 mm.
Fresh water tank, 3.5 l	22	6.994-130.0				1 piece(s)		Push-on: for basic and maintenance cleaning.
Fresh water tank, 5 l, with guide bar	23	6.994-131.0				1 piece(s)		For comfortable working, including fresh water tank.
Extension cable	24	6.647-022.0				1 piece(s)		20 m.

☐ Available accessories. More Kärcher original accessories can be found on the following pages.





			BD 17/5 C
	21		<input type="checkbox"/>
	22		<input type="checkbox"/>
	23		<input type="checkbox"/>
	24		<input type="checkbox"/>

## POLISHING MACHINE ACCESSORIES



Effective ultra-high-speed polishing delivers the best results with the right accessories. Pads with different degrees of hardness are available for various applications.

		Order No.	Hardness / Brush type	Diameter	Colour	Quantity	Price	Description
<b>Pads</b>								
Pad	1	6.371-146.0	soft	500 mm	beige / natural	5 piece(s)		With natural hair, for polishing. Effectively removes scuff marks.
	2	6.369-468.0	soft	508 mm	beige	5 piece(s)		Light grit, suitable for polishing floors.
	3	6.369-079.0	medium-soft	508 mm	red	5 piece(s)		For cleaning all types of floors.
	4	6.371-320.0	soft	508 mm	white	5 piece(s)		Without granulation, for polishing floors. Fits D 51.
<b>Miscellaneous</b>								
Add-on kit ecolzero	5	5.388-133.0 ■				1 piece(s)		With ecolzero for climate-neutral cleaning: as compensation for the CO <sub>2</sub> which is produced by using the machine, we support climate protection projects worldwide.
Filter bag	6	8.633-398.0				10 piece(s)		Fits BDP 50/2000 RS.
Pre-spraying unit	7	6.670-020.0				1 piece(s)		For convenient spray cleaner application.
<b>Batteries</b>								
Battery	8	6.654-093.0				1 piece(s)		Gel traction battery, maintenance-free. Rated at 12 V/76 Ah (5 h). Two batteries required for 24 V machines, three required for 36 V machines.
	9	6.654-291.0				1 piece(s)		Maintenance-free gel traction battery rated at 12 V and 198 Ah (C5). Three are required for operation of a 36 V system.
<b>Battery Chargers</b>								
Battery charger	10	6.654-276.0				1 piece(s)		Charger with 36 V / 12 A voltage, suitable for BD 50/40 RS Bp Pack. For battery 3 × 6.654-093.0.
	11	6.654-292.0				1 piece(s)		For maintenance-free 36 V batteries with 198 Ah capacity (e.g. for 6.654-291.0).

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



			BDP 50/2000 RS Bp Pack	BDP 50/2000 RS Bp	BDP 50/1500 C
	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5		<input type="checkbox"/>	<input type="checkbox"/>	
	6		<input type="checkbox"/>	<input type="checkbox"/>	
	7				<input type="checkbox"/>
	8		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	9			<input type="checkbox"/>	
	10		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	11			<input type="checkbox"/>	

## EFFICIENT MACHINES FOR CLEAN FLOORS

Kärcher sweepers/vacuum sweepers are always state of the art. From compact manual sweepers to large industrial machines, they all impress with practical details and efficient sweeping and dust control technology. Versatile use for indoor and outdoor cleaning allows you to achieve perfect cleaning results every time. It is this impressive combination of sophisticated ergonomics, ease of use thanks to EASY Operation, simple handling and outstanding efficiency that makes our sweepers so unique.



### Table of contents: Sweepers/vacuum sweepers

Sweepers/vacuum sweepers	Page 572
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Walk-behind sweepers	Page 594
Snow throwers	Page 604
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#### New attachment kits expand the possibilities









It is practically impossible to improve on our industrial sweepers. But it is possible to extend their performance characteristics. For example, with a vacuum cleaner attachment kit for the KM 130/300 R and the KM 150/500 R. With extra-powerful suction power, it enables efficient cleaning of hard-to-reach areas like corners and shelves or between pallets. The attachment kit is also available for the KM 105 and KM 125. Furthermore, there is an innovative water spraying system available for these machines for reducing dust dispersion when using the side brush. Or – ideal for interiors – a side brush cover.

#### How to read the unit names:

Model	Working width	Volume	Type	Drive	Equipment
Example: KM	90	60	R	Bp Pack	Adv Edition
KM = Sweeper	Working width with one side brush in centimetres	Volume of the waste container in litres	<b>C</b> = Compact, without traction drive <b>W</b> = Walk-behind with traction drive <b>R</b> = Ride-on machines	<b>G</b> = Gasoline, petrol-powered <b>D</b> = Diesel <b>LPG</b> = Liquefied Petroleum Gas <b>Bp</b> = Battery operation <b>Pack</b> = Package (battery and battery charger included in delivery)	<b>Without designation</b> = Standard equipment <b>Classic</b> = Basic equipment <b>Adv</b> = Advanced, top equipment <b>Edition</b> = Campaign machine, special equipment
<b>Fields of application</b> <b>G</b> = Outdoor use <b>D</b> = Outdoor use <b>LPG</b> = Outdoor use, indoor use only in well ventilated areas (e.g. where the use of LPG forklifts is permitted) <b>Bp</b> = Indoor use and outdoor use <b>Pack</b> = Indoor use and outdoor use					


















# SWEEPERS/VACUUM SWEEPERS

From walk-behind variants with their own traction drive to ride-on sweepers in large dimensions: our range of sweepers is just as extensive as the requirements and applications are diverse. Depending on requirements and preferences, with petrol, diesel, LPG or electric drive, you can choose between all relevant drive types, for practically every field of application – from interior cleaning in hotels or exhibition halls, to contract cleaning and applications in foundries, production halls or sports facilities.




	Price	Order No.	Working width without side brush / with 1 side brush /with 2 side brushes /with 3 side brushes (mm)	Waste container (l)	Max. area performance with 1 side brush (m²/h)	Max. area performance with 2 side brushes (m²/h)	Indoor use	Outdoor use	Suction	Dustpan principle	Overhead sweeping principle	Traction drive	Coarse dirt flap	Hydraulic high container emptying	Page
<b>Ride-on vacuum sweepers</b>															
	KM 170/600 R LPG	1.186-128.0	1350/1680/2000/2400	600	23520	28000	■	■	■	■	-	■	-	■	577
	KM 170/600 R D	1.186-127.0	1350/1680/2000/2400	600	23520	28000	-	■	■	■	-	■	-	■	577
	KM 150/500 R LPG	1.186-123.0	1200/1500/1800/2200	500	18000	21600	■	■	■	■	-	■	-	■	579
	KM 150/500 R D	1.186-124.0	1200/1500/1800/2200	500	18000	21600	-	■	■	■	-	■	-	■	579
	KM 150/500 R D Classic	1.186-134.0	1200/1500/1800/-	500	18000	21600	-	■	■	■	-	■	-	■	579
	KM 150/500 R Bp	1.186-125.0	1200/1500/1800/2200	500	12000	14400	■	■	■	■	-	■	-	■	579
	KM 150/500 R Bp Pack	1.186-130.0	1200/1500/1800/-	500	12000	14400	■	■	■	■	-	■	-	■	579
	KM 130/300 R LPG	1.186-121.0	1000/1300/1550/-	300	13000	15500	■	■	■	■	-	■	-	■	581
	KM 130/300 R D	1.186-120.0	1000/1300/1550/-	300	13000	15500	-	■	■	■	-	■	-	■	581
	KM 130/300 R Bp Pack	1.186-129.0	1000/1300/1550/-	300	9100	10850	■	■	■	■	-	■	-	■	581
	KM 130/300 R Bp	1.186-122.0	1000/1300/1550/-	300	9100	10850	■	■	■	■	-	■	-	■	581
	KM 130/300 R D Classic	1.186-139.0	1000/1300/1550/-	300	13000	15500	-	■	■	■	-	■	-	■	581
	KM 125/130 R G	1.280-150.2	880/1250/1700/-	130	10000	13600	-	■	■	-	■	■	■	■	585
	KM 125/130 R D	1.280-150.2	880/1250/1700/-	130	10000	13600	-	■	■	-	■	■	■	■	585
	KM 125/130 R LPG	1.280-150.2	880/1250/1700/-	130	10000	13600	■	■	■	-	■	■	■	■	585
	KM 125/130 R Bp	1.280-150.2	880/1250/1700/-	130	10000	13600	■	■	■	-	■	■	■	■	585
	KM 125/130 R Bp Pack	1.280-150.2	880/1250/1700/-	130	10000	13600	■	■	■	-	■	■	■	■	585
	KM 105/110 R LPG	1.280-140.2	640/1050/1400/-	110	7350	9800	■	■	■	-	■	■	■	■	589
	KM 105/110 R D	1.280-140.2	640/1050/1400/-	110	7350	9800	-	■	■	-	■	■	■	■	589
	KM 105/110 R G	1.280-140.2	640/1050/1400/-	110	7350	9800	-	■	■	-	■	■	■	■	589
	KM 105/110 R Bp	1.280-140.2	640/1050/1400/-	110	6300	8400	■	■	■	-	■	■	■	■	589
	KM 105/110 R Bp Pack	1.280-140.2	640/1050/1400/-	110	6300	8400	■	■	■	-	■	■	■	■	589
	KM 105/100 R LPG	1.280-140.2	640/1050/1400/-	100	7350	9800	■	■	■	-	■	■	■	-	589
	KM 105/100 R D	1.280-140.2	640/1050/1400/-	100	7350	9800	-	■	■	-	■	■	■	-	589
	KM 105/100 R G	1.280-140.2	640/1050/1400/-	100	7350	9800	-	■	■	-	■	■	■	-	589
	KM 105/100 R Bp	1.280-140.2	640/1050/1400/-	100	6300	8400	■	■	■	-	■	■	■	-	589
	KM 105/100 R Bp Pack	1.280-140.2	640/1050/1400/-	100	6300	8400	■	■	■	-	■	■	■	-	589
	KM 100/100 R D	1.280-115.0	700/1000/1300/-	100	8000	10400	-	■	■	-	■	■	■	-	591
	KM 100/100 R LPG	1.280-107.0	700/1000/1300/-	100	8000	10400	■	■	■	-	■	■	■	-	591
	KM 100/100 R G	1.280-105.0	700/1000/1300/-	100	8000	10400	-	■	■	-	■	■	■	-	591
	KM 100/100 R Bp Pack	1.280-112.0	700/1000/1300/-	100	6000	7800	■	■	■	-	■	■	■	-	591
	KM 100/100 R Bp	1.280-103.0	700/1000/1300/-	100	6000	7800	■	■	■	-	■	■	■	-	591
	KM 90/60 R G Adv Edition	1.047-306.0	615/900/1150/-	60	7200	9200	-	■	■	-	■	■	■	-	593
	KM 90/60 R G Adv	1.047-300.0	615/900/1150/-	60	7200	9200	-	■	■	-	■	■	■	-	593
	KM 90/60 R LPG Adv	1.047-304.0	615/900/1150/-	60	7200	9200	■	■	■	-	■	■	■	-	593
	KM 90/60 R G	1.047-204.0	615/900/1150/-	60	7200	9200	-	■	■	-	■	■	■	-	593
	KM 90/60 R Bp Pack Adv Edition	1.047-307.0	615/900/1150/-	60	5400	6900	■	■	■	-	■	■	■	-	593
	KM 90/60 R Bp Pack Adv	1.047-302.0	615/900/1150/-	60	5400	6900	■	■	■	-	■	■	■	-	593
	KM 90/60 R Bp Adv	1.047-301.0	615/900/1150/-	60	5400	6900	■	■	■	-	■	■	■	-	593

■ Included in delivery.



	Price	Order No.	Working width without side brush / with 1 side brush /with 2 side brushes /with 3 side brushes (mm)	Waste container (l)	Max. area performance with 1 side brush (m <sup>2</sup> /h)	Max. area performance with 2 side brushes (m <sup>2</sup> /h)	Indoor use	Outdoor use	Suction	Dustpan principle	Overhead sweeping principle	Traction drive	Coarse dirt flap	Hydraulic high container emptying	Page
<b>Walk-behind sweepers/vacuum sweepers</b>															
		1.351-115.0	610/850/1050/-	50	3825	4725	■	■	■	-	■	■	■	-	595
		1.351-114.0	610/850/1050/-	50	3825	4725	■	■	■	-	■	■	■	-	595
		1.351-108.0	610/850/1050/-	50	3825	4725	■	■	■	-	■	■	■	-	595
		1.351-107.0	610/850/1050/-	50	3825	4725	■	■	■	-	■	■	■	-	595
		1.351-110.0	610/850/1050/-	50	3825	4725	-	■	■	-	■	■	■	-	595
		1.351-109.0	610/850/1050/-	50	3825	4725	-	■	■	-	■	■	■	-	595
		1.049-207.0	550/750/-/-	40	3375	-	■	■	■	-	■	■	■	-	597
		1.049-206.0	550/750/-/-	40	3375	-	■	■	■	-	■	■	■	-	597
		1.049-205.0	550/750/-/-	40	3375	-	-	■	■	-	■	■	■	-	597
		1.335-500.0	800/-/-/-	40	1680	-	-	■	-	■	-	■	-	-	599
		1.517-213.0	480/700/-/-	42	2800	-	■	■	■	■	-	-	-	-	601
		1.517-214.0	480/700/-/-	42	2800	-	■	■	■	■	-	-	-	-	601
		1.517-212.0	480/700/-/-	42	2800	-	■	■	■	■	-	-	-	-	601
		1.517-211.0	480/700/-/-	42	2800	-	■	■	■	■	-	-	-	-	601
		1.517-107.0	480/700/920/-	42	-	3680	■	■	-	■	-	-	-	-	603
		1.517-106.0	480/700/-/-	42	2800	-	■	■	-	■	-	-	-	-	603
		1.517-151.0	480/700/-/-	42	2800	-	■	■	-	■	-	-	-	-	603

■ Included in delivery.

	Price	Order No.	Max. area performance (m <sup>2</sup> /h)	Adjustable ejection chute	2-stage auger	Electro start	Working lights	Steering aid	Page
<b>Snow throwers</b>									
		1.335-203.0	2280	■	■	■	■	-	605
		1.335-201.0	1980	■	■	■	■	-	605
		1.335-101.0	1680	■	■	-	-	-	605

■ Included in delivery.

## AS EASY AS POSSIBLE

In addition to excellent cleaning performance, simple and convenient machine operation is of great importance. We do everything to make the operator's (work) life easier and in doing so, pay attention to every little detail. Colour-coded control elements, for example, reliably prevent operating errors, as does our EASY Operation system, with which all sweeping functions are operated using just a single selector switch. We extend maintenance intervals wherever possible. For this reason, many models feature the patented Tact system, which cleans the filter fully automatically and continually.



### 1 EASY Operation – Ergonomic Application System

With EASY Operation, Kärcher offers a uniform operating system which uses self-explanatory symbols to prevent erroneous operation. Safety and productivity are increased and the service life of the machine is extended. The symbols and settings are the same on all sweepers and scrubber driers. Once the operator has been trained, every machine can be intuitively operated with EASY Operation. EASY Operation is already standard on a large number of current Kärcher machines.

### 2 Order on board: Home Base Kit

Many sweepers are fitted with a Home Base Kit, the storage system for on-board equipment. Practical utensils like brushes, dustpans, cloths, gloves, bottles or a litter picker can be easily and securely carried on board the machine.

### 3 Ease of servicing

The quick, easy changing of wear parts saves maintenance costs and working time.

### 4 Sweepers that stay on the carpet

Carpet sweeping kits enable cordless maintenance cleaning of larger carpeted areas and increase mobility. The sweepers are characterised by excellent cleaning results and enormous area performance.

### 5 Customised versatility

The large selection of different side brushes and main sweeper rollers enables easy adaptation to the surface being cleaned.

### 6 Tact – Auto Filter Clean System

The patented Tact filter cleaning system is unique among sweepers. The filter is cleaned fully automatically at regular intervals. Even under extreme conditions, this type of filter cleaning achieves excellent results and enables permanently dust-free operation. The filters used are characterised by a compact construction style and long service life.

### 7 Kärcher Fleet makes a difference (without illustration)

More and more cleaning professionals are using Kärcher Fleet, our innovative web-based fleet management system. With Kärcher Fleet, you always have an overview of your cleaning fleet – in real time; this allows you to improve work processes, increase your productivity and save money.

## PERFECTLY ADAPTED TO THE SURFACE AND TYPE OF DIRT

Different floor coverings and types of dirt place different demands on the sweeper and sweeping system. In most cases, the durable standard roller brush is adequate for efficient cleaning. However, Kärcher sweepers also offer a perfect solution in specific cases. On very smooth floors, such as in warehouses, it is recommended to use a soft roller brush for effectively sweeping dust. Antistatic roller brushes are recommended for use on carpets. For stubborn dirt on rough floors, roller brushes with steel bristles could also be used.



### Standard main sweeper roller

The standard main sweeper roller with medium bristle hardness is suitable for a wide variety of applications. For normal road dirt, leaves or in dusty environments on asphalt, screed or interlocking stones, it ensures cleanliness without residues.



### Main sweeper roller, hard

The hard main sweeper roller has a higher proportion of significantly harder bristles, some also with steel inserts. It is particularly suitable for rough surfaces and stubborn dirt or heavy waste.



### Main sweeper roller, soft

The soft main sweeper roller is ideally suited to sweeping dirt and fine dust on smooth floors. It is primarily used in indoor areas. Sensitive floors are better protected thanks to the softer bristles.

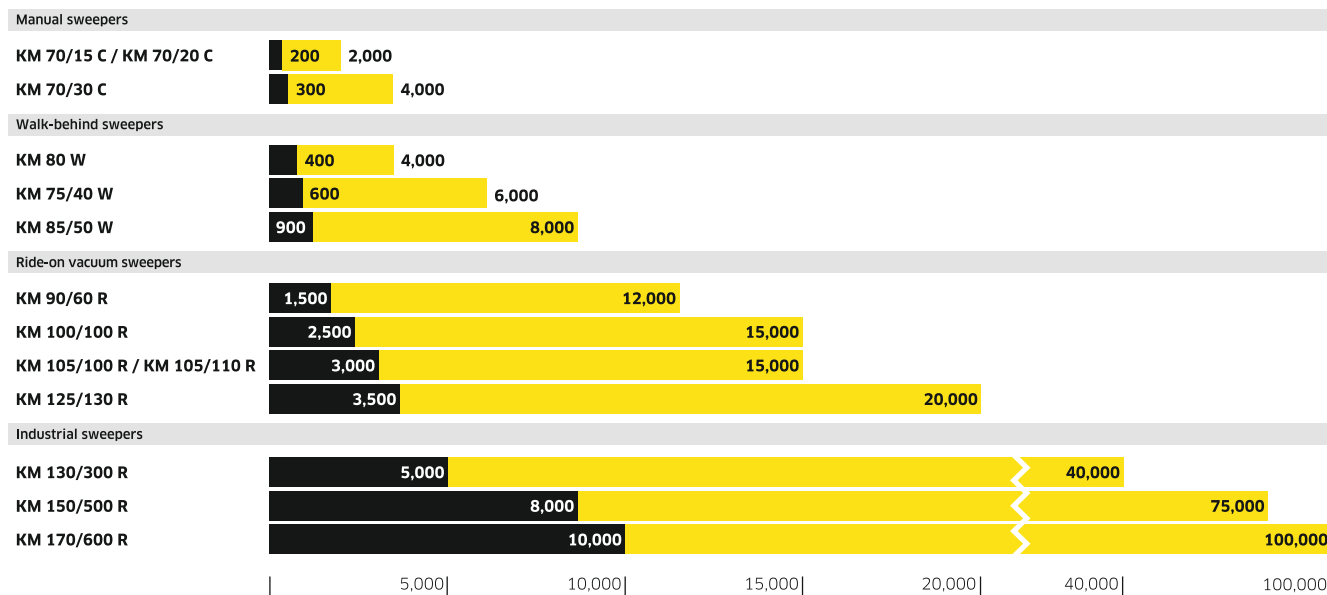


### Main sweeper roller, antistatic

Antistatic main sweeper rollers are designed for efficient cleaning of carpets. With the right kit, even larger carpeted areas in hotels, exhibition halls or sports facilities can be cleaned in the shortest possible time.

## ECONOMICAL USE

The use of the following Kärcher sweepers and vacuum sweepers is cost-effective when the area to be swept is as indicated in their performance columns.



Economical area

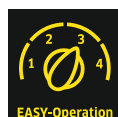
Figures: Minimum surface area in m<sup>2</sup> from which use of the machine is cost-effective.

# 170 CM INDUSTRY CLASS



## Maximum power for tough cleaning jobs

This extremely robust and powerful machine with 170 cm working width is designed for the most demanding tasks, thanks to its solid construction, large waste container and extensive features.



### 1 High performance filter for a long durability:

- Flat pleated filter with 10 m².
- Very effective filter cleaning via dual scraper.
- For dust-free sweeping.

### 2 Robust design

- Solid steel frame.
- Robust industrial engines with water cooling.
- Fully hydraulic traction drive.

### 3 High user-friendliness

- EASY Operation concept.
- Easy cab access.
- Very easy to service.

### 4 Various drive types:

- Diesel engines with industrial standard.
- LPG for indoor and outdoor use.

# TECHNICAL DATA AND EQUIPMENT

## KM 170/600 R D

## KM 170/600 R LPG

- Powerful industrial engine
- High working and transport speed
- Non-stop use

- Powerful industrial engine
- High working and transport speed
- Non-stop use

### Technical data

<b>Drive</b>		4-stroke diesel engine / Yanmar	Four-stroke LPG engine / VW
<b>Power</b>	<b>kW</b>	35	35
<b>Max. area performance with 1 / 2 side brushes</b>	<b>m²/h</b>	23520 / 28000	23520 / 28000
<b>Working width</b>	<b>mm</b>	1350	1350
<b>Working width with 1 / 2 brushes</b>	<b>mm</b>	1680 / 2000	1680 / 2000
<b>Waste container</b>	<b>l</b>	600	600
<b>Climbing ability</b>	<b>%</b>	18	18
<b>Working speed</b>	<b>km/h</b>	14	14
<b>Filter area</b>	<b>m²</b>	10	10
<b>Weight</b>	<b>kg</b>	1530	1585
<b>Dimensions (L × W × H)</b>	<b>mm</b>	2450 × 1750 × 1665	2450 × 1750 × 1665

### Equipment

<b>Polyester flat pleated filter</b>	■	■
<b>Manual/Automatic filter cleaning</b>	■ / -	■ / -
<b>Adjustable main sweeper roller</b>	■	■
<b>Steering booster</b>	■	■
<b>Hydr. high container emptying</b>	■	■
<b>Order No.</b>	<b>1.186-127.0</b>	<b>1.186-128.0</b>
<b>Price</b>		

■ Included in delivery.

### Accessories

Product name	Order No.	Description	Price
Standard roller brush	6.987-441.0	Water-resistant universal bristles, durable, suitable for all surfaces.	
Side brush, standard	6.987-467.0	Water-resistant universal bristles, durable, suitable for all surfaces.	
Water spraying system for side brush	2.851-284.7	For binding dust. Consisting of stainless steel water tank (65 l) and spray nozzles on the side brushes.	
Third side brush attachment kit	2.851-277.7	For increasing the sweeping width and therefore also the area performance by more than 15%.	

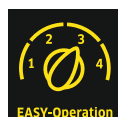


# 150 CM INDUSTRY CLASS



## High capacity and power for heavy-duty use

The industrial sweeper with 150 cm working width for use in the building materials and metal processing industry, in foundries and in other industries with high levels of dirt accumulation. The battery version is ideal for noise-sensitive interior areas.



### 1 Efficient filter system

- Flat pleated filter with 7 m<sup>2</sup> filter area.
- Effective cleaning with dual scraper.
- For dust-free sweeping.



### 2 Comfortable workplace

- All control elements are clearly arranged and easy to access.
- All displays in full view.
- Optional: cabs with heating or air conditioning.



### 3 Extremely easy to service

- Simple technology with tried and tested components: fully hydraulic drive, electric instead of electronic.
- Easy motor access for quick and simple servicing.
- Main sweeper roller and flat pleated filter can be replaced without tools.



### 4 Classic version with diesel drive

- Simple operation via levers.
- Large pocket filter with 10.5 m<sup>2</sup> filter area.
- Fully hydraulic traction drive.



# TECHNICAL DATA AND EQUIPMENT

		KM 150/500 R LPG	KM 150/500 R D	KM 150/500 R D Classic
		<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Fully hydraulic drive and sweeping system</li> <li>■ Low maintenance</li> </ul>	<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Fully hydraulic drive and sweeping system</li> <li>■ Low maintenance</li> </ul>	<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Simple operation via control lever</li> <li>■ Pocket filter with large filter area</li> </ul>
<b>Technical data</b>				
Drive		Four-stroke LPG engine / Kubota	4-stroke diesel engine / Yanmar	4-stroke diesel engine / Yanmar
Power	kW	22	22.5	15.8
Voltage		-	-	-
Max. area performance with 1 / 2 side brushes	m²/h	18000 / 21600	18000 / 21600	18000 / 21600
Working width	mm	1200	1200	1200
Working width with 1 / 2 brushes	mm	1500 / 1800	1500 / 1800	1500 / 1800
Waste container	l	500	500	500
Climbing ability	%	18	18	18
Working speed	km/h	12	12	12
Filter area	m²	7	7	10.5
Weight	kg	1415	1440	1400
Dimensions (L × W × H)	mm	2442 × 1570 × 1640	2442 × 1570 × 1640	2442 × 1570 × 1640
<b>Equipment</b>				
Polyester flat pleated filter		■	■	-
Pocket filter		-	-	■
Manual/Automatic filter cleaning		■ / -	■ / -	■ / -
Adjustable main sweeper roller		■	■	■
Steering booster		■	■	■
Hydr. high container emptying		■	■	■
Order No.		1.186-123.0	1.186-124.0	1.186-134.0
Price				

■ Included in delivery.

		KM 150/500 R Bp	KM 150/500 R Bp Pack
		<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Fully hydraulic drive and sweeping system</li> <li>■ Low maintenance</li> </ul>	<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Fully hydraulic drive and sweeping system</li> <li>■ Low maintenance</li> </ul>
<b>Technical data</b>			
Drive		DC motor	DC motor
Power	kW	10	10
Voltage	V	48	48
Max. area performance with 1 / 2 side brushes	m²/h	12000 / 14400	12000 / 14400
Working width	mm	1200	1200
Working width with 1 / 2 brushes	mm	1500 / 1800	1500 / 1800
Waste container	l	500	500
Climbing ability	%	12	12
Working speed	km/h	8	8
Filter area	m²	7	7
Weight	kg	1380	2690
Dimensions (L × W × H)	mm	2442 × 1550 × 1640	2442 × 1550 × 1640
<b>Equipment</b>			
Polyester flat pleated filter		■	■
Pocket filter		-	-
Manual/Automatic filter cleaning		■ / -	■ / -
Adjustable main sweeper roller		■	■
Steering booster		■	■
Hydr. high container emptying		■	■
Order No.		1.186-125.0	1.186-130.0
Price			

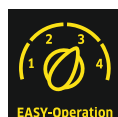
■ Included in delivery.

# 130 CM INDUSTRY CLASS



## The machine for harsh industrial environments

It removes fine dust and construction waste from industrial areas and, as a battery-powered machine, ensures cleanliness even in noise-sensitive interior areas.



### 1 Robust construction

- Solid steel frame.
- Robust industrial engines with water cooling.
- Fully hydraulic traction drive.



### 2 Efficient filter for long working times

- Flat pleated filter with 5.5 m<sup>2</sup> filter area.
- Effective filter cleaning with dual scraper.
- For dust-free sweeping.



### 3 Very user-friendly

- EASY Operation concept.
- Easy cab access.
- Very easy to service.



### 4 Classic version with diesel drive

- Simple operation via levers.
- Large pocket filter with 7.8 m<sup>2</sup> filter area.
- Fully hydraulic traction drive.

# TECHNICAL DATA AND EQUIPMENT

		KM 130/300 R LPG	KM 130/300 R D	KM 130/300 R D Classic
		<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Easy roller brush replacement without tools</li> <li>■ Fully hydraulic drive and sweeping system</li> </ul>	<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Easy roller brush replacement without tools</li> <li>■ Fully hydraulic drive and sweeping system</li> </ul>	<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Simple operation via control lever</li> <li>■ Pocket filter with large filter area</li> </ul>
<b>Technical data</b>				
Drive		Four-stroke LPG engine / Kubota	4-stroke diesel engine / Yanmar	4-stroke diesel engine / Yanmar
Power	kW	17.5	15.8	15.8
Voltage		-	-	-
Max. area performance with 1 / 2 side brushes	m²/h	13000 / 15500	13000 / 15500	13000 / 15500
Working width	mm	1000	1000	1000
Working width with 1 / 2 brushes	mm	1300 / 1550	1300 / 1550	1300 / 1550
Waste container	l	300	300	300
Climbing ability	%	18	18	18
Working speed	km/h	10	10	10
Filter area	m²	5.5	5.5	7.8
Weight	kg	900	951	940
Dimensions (L × W × H)	mm	2150 × 1330 × 1430	2150 × 1330 × 1430	2150 × 1330 × 1430
<b>Equipment</b>				
Polyester flat pleated filter		■	■	-
Pocket filter		-	-	■
Manual/Automatic filter cleaning		■ / -	■ / -	■ / -
Adjustable main sweeper roller		■	■	■
Steering booster		■	■	■
Hydr. high container emptying		■	■	■
Order No.		1.186-121.0	1.186-120.0	1.186-139.0
Price				

■ Included in delivery.

		KM 130/300 R Bp Pack	KM 130/300 R Bp
		<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Easy roller brush replacement without tools</li> <li>■ Fully hydraulic drive and sweeping system</li> </ul>	<ul style="list-style-type: none"> <li>■ High working and transport speed</li> <li>■ Easy roller brush replacement without tools</li> <li>■ Fully hydraulic drive and sweeping system</li> </ul>
<b>Technical data</b>			
Drive		DC motor	DC motor
Power	kW	5	5
Voltage	V	36	36
Max. area performance with 1 / 2 side brushes	m²/h	9100 / 10850	9100 / 10850
Working width	mm	1000	1000
Working width with 1 / 2 brushes	mm	1300 / 1550	1300 / 1550
Waste container	l	300	300
Climbing ability	%	12	12
Working speed	km/h	7	7
Filter area	m²	5.5	5.5
Weight	kg	1300	840
Dimensions (L × W × H)	mm	2150 × 1330 × 1430	2150 × 1330 × 1430
<b>Equipment</b>			
Polyester flat pleated filter		■	■
Pocket filter		-	-
Manual/Automatic filter cleaning		■ / -	■ / -
Adjustable main sweeper roller		■	■
Steering booster		■	■
Hydr. high container emptying		■	■
Order No.		1.186-129.0	1.186-122.0
Price			

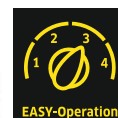
■ Included in delivery.

# 125 CM RIDE-ON MACHINE WITH Tact

## User-friendliness combined with efficiency



With a working width of 125 cm, this sweeper is a high area performance machine. Thanks to a hydraulic front-wheel drive, it turns on the spot and effortlessly sweeps out corners with the unique sweeping crescent brush. The main sweeper roller is positioned on the rear axle to prevent contact of the sweeping system with obstacles. A new feature is the fully automatic and permanent filter cleaning system using blasts of compressed air.



### 1 Highly effective and automatic Tact filter cleaning system

- Thorough filter cleaning for continuous dust-free operation.
- Automatic and permanent filter cleaning.
- Compact, nano-coated polyester filter.

### 2 Sweeping crescent side brush (optional)

- Perfect corner cleaning in only one pass.
- Time and cost savings, since no manual pre-cleaning is required and multiple journeys are avoided.
- Only activated when negotiating curves.

### 3 Roller brush on rear axle

- Excellent access for checking or changing the roller brush.
- Safe driving over obstacles and ramps.
- Larger roller brush diameter for easier container filling.

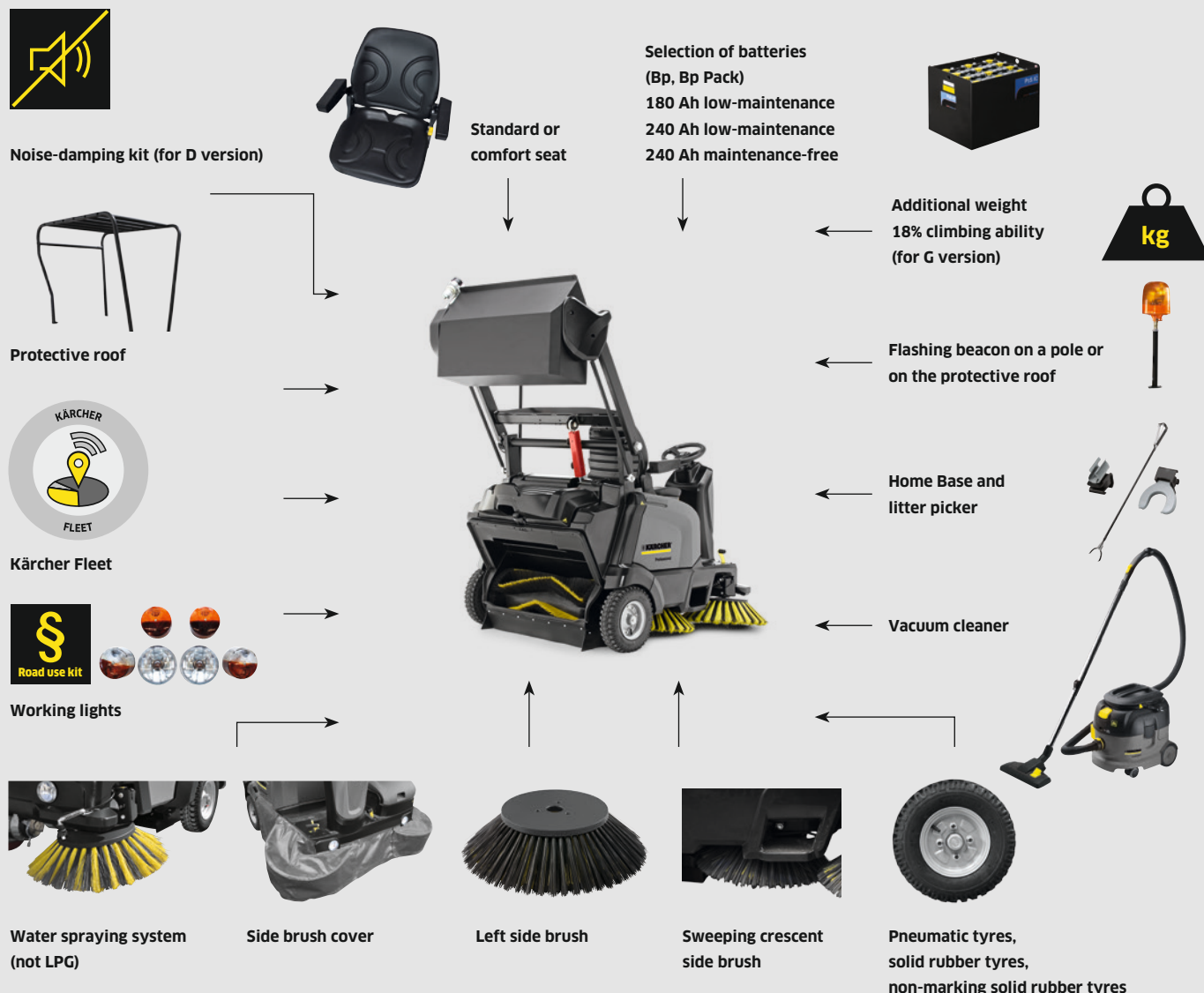
### 4 Kärcher Intelligent Key

- Assignment of user rights for machine settings.
- Programmable in 19 different languages.
- Display information includes main sweeper roller wear.

# CONFIGURATION FOR YOUR PERSONALISED KM 125/130 R

Select: E 1. Drive type: petrol, diesel, liquid gas or battery

EE 2. Attachment kits



## Protective roof

Protective roof compulsory in the area of high-bay warehouses. For reliable and effective protection.



## Flashing beacon

For mounting directly on the machine or protective roof. Ensures increased safety for the user and those in the vicinity.



## Working lights approved for road use

For driving at dusk or in public areas.



## Easy service access

Separate service concept: everything for the operator under the side hood – service items under the seat.



## INDIVIDUAL FLEXIBILITY FOR YOUR CONFIGURATION

The KM 125/130 R with hydraulic high container emptying can be emptied up to 1.55 m. The machine is available with 4 different drive types. A wide range of accessories is available for individual configuration. With the optional sweeping crescent side brush, efficiency is increased in curves, especially when sweeping out corners or when turning. Comfort seat, flashing beacon, protective roof, weatherproof cab, lighting for road use, the Home Base and much more round off your selection.



### 1 Drives to suit your requirements

The emission-free battery version is ideal for indoor use. The LPG version can also be used in well-ventilated halls. Petrol or diesel engines are available for outside areas.

### 2 High container emptying

Convenient hydraulic emptying up to 1.55 m. The waste container tilts to the rear and protects the operator from unnecessary dust impact. No contact with waste.



#### Seat

Available are adjustable standard seats or comfort seats with armrest.



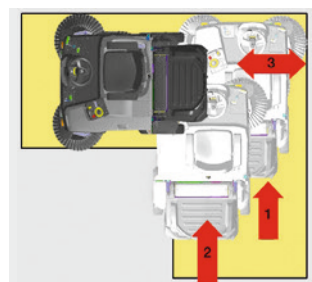
#### Home Base

With the practical Home Base system, a brush or litter picker can be securely attached to the machine.



#### Side brush

Choose between the unique sweeping crescent side brush and/or the left side brush. The sweeping crescent side brush allows the user to sweep out a corner in just one step, leaving no sweeping crescent when negotiating curves.



#### Dynamic Sweeping

The Dynamic Sweeping concept enables corners to be swept out in only 3 passes due to the position of the roller brush on the rear axle – without sweeping crescent side brush.



		KM 125/130 R		
Version		Petrol/LPG	Diesel	Bp / Bp Pack
Motor rating	kW	10.3 / 9.3	6.6	2.5
Driving speed	km/h	8	8	8
Turning circle	m	<2.20	<2.20	<2.20
Sweeping width	mm	880	880	880
Sweeping width with 1 side brush	mm	1250	1250	1250
Sweeping width with 2 side brushes	mm	1700	1700	1700
Waste container capacity	l	130	130	130
Max. unloading height	m	1.55	1.55	1.55
Max. gradient	%	16/12	16	12
Area performance 1 side brush	m²/h	10000	10000	10000
Area performance 2 side brushes	m²/h	13600	13600	13600
Standard equipment				
Standard seat		■	■	■
Pneumatic tyres		■	■	■
Right side brush		■	■	■
Tact filter cleaning system		■	■	■
EASY Operation		■	■	■
Footprint system (different roller brush contact pressures)		■	■	■
Teach system (automatic adjustment of roller brush wear)		■	■	■
Power Plus system (additional torque on slopes)		■	■	■
Storage at the rear		■	■	■
Traction battery and charger		-	-	- / ■
Optional accessories				
Sweeping crescent side brush		□	□	□
Left side brush		□	□	□
Comfort seat		□	□	□
Solid rubber tyres		□	□	□
Non-marking solid rubber tyres		□	□	□
Protective roof		□	□	□
Flashing beacon		□	□	□
Flashing beacon on protective roof		□	□	□
Home Base Kit		□	□	□
Working lights		□	□	□
StVZO (approved for use on German roads)		□	□	-
Litter picker		□	□	□
Kärcher Fleet		□	□	□
Additional weight for 18% climbing ability		□ / -	-	-
Sound insulating kit		-	□	-
Water spraying system		□	□	□
Vacuum cleaners		□	□	□
Side brush cover		□	□	□
Other accessories				
Side brush, soft		□	□	■
Side brush, hard		□	□	□
Main sweeper roller, soft		□	□	■
Main sweeper roller, hard		□	□	□
Order No.		1.280-150.2	1.280-150.2	1.280-150.2

■ Included in delivery. □ Accessories available.

# 105 CM RIDE-ON MACHINE WITH Tact

## The individually configurable vacuum sweeper



Ride-on vacuum sweeper with highly effective, patented and fully automatic filter cleaning, unique sweeping crescent side brush (optional), automatic wear adjustment of the main sweeper roller via Teach System and new sweeping concept. With this new sweeping concept, positioned between the rear wheels, the sweeping system is protected when driving over obstacles and enables corners to be swept out in only 3 passes.



### 1 Highly effective and automatic Tact filter cleaning system

- Thorough filter cleaning for continuous dust-free operation.
- Automatic and permanent filter cleaning.
- Compact, nano-coated polyester filter.

### 2 Sweeping crescent side brush (optional)

- Perfect corner cleaning in only one pass.
- Time and cost savings, since no manual pre-cleaning is required and multiple journeys are avoided.
- Only activated when negotiating curves.

### 3 Roller brush on rear axle

- Excellent access for checking or changing the roller brush.
- Safe driving over obstacles and ramps.
- Larger roller brush diameter for easier container filling, also directly into a rubbish bag.

### 4 Kärcher Intelligent Key

- Assignment of user rights for machine settings.
- Programmable in 19 different languages.
- Display information includes main sweeper roller wear.

# CONFIGURATION FOR YOUR PERSONALISED KM 105/110 R OR KM 105/100 R

Select: E 1. High or low container emptying

EE 2. Drive type: petrol, diesel, liquid gas or battery

EEE 3. Attachment kits



Noise-damping kit (for D version)



Standard or comfort seat

Selection of batteries  
(Bp, Bp Pack)  
180 Ah low-maintenance  
240 Ah low-maintenance  
240 Ah maintenance-free



Protective roof



Kärcher Fleet



Working lights



Water spraying system  
(not LPG)



Side brush cover



Left side brush



Sweeping crescent  
side brush



Pneumatic tyres,  
solid rubber tyres,  
non-marking solid rubber tyres



Flashing beacon on a pole or  
on the protective roof



Home Base and litter picker

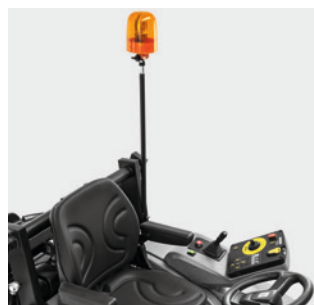


Vacuum cleaner



Protective roof

Protective roof compulsory in the area of high-bay warehouses. For reliable and effective protection.



Flashing beacon

For mounting directly on the machine or protective roof. Ensures increased safety for the user and those in the vicinity.



Working lights approved for road use

For driving at dusk or in public areas.



Rubbish bag disposal

Sweep your waste directly into a bin liner for dust-free disposal.

## INDIVIDUAL FLEXIBILITY FOR YOUR CONFIGURATION

KM 105/100 R with two-part container concept or KM 105/110 R with hydraulic high container emptying. Both machines are available in 4 drive types. A wide range of accessories is available for individual configuration. With the optional sweeping crescent side brush, efficiency is increased in curves, especially when sweeping out corners or when turning. Comfort seat, flashing beacon, protective roof, weatherproof cab, lighting for road use, the Home Base and much more round off your selection.



### 1 Low container emptying

Two-part low emptying container for easy removal and transport as well as easy emptying of waste.



### 2 High container emptying

Convenient hydraulic emptying up to 1.55 m. The waste container tilts to the rear and protects the operator from unnecessary dust impact. No contact with waste.



### Seat

Available are adjustable standard seats or comfort seats with armrest.



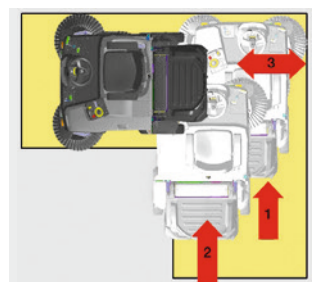
### Home Base

With the practical Home Base system, a brush or litter picker can be securely attached to the machine.



### Side brush

Choose between the unique sweeping crescent side brush and/or the left side brush. The sweeping crescent side brush allows the user to sweep out a corner in just one step, leaving no sweeping crescent when negotiating curves.



### Dynamic Sweeping

The Dynamic Sweeping concept enables corners to be swept out in only 3 passes due to the position of the roller brush on the rear axle – without sweeping crescent side brush.

## KM 105

		KM 105					
		High container emptying KM 105/110 R			Low container emptying KM 105/100 R		
Version		Petrol/LPG	Diesel	Bp / Bp Pack	Petrol/LPG	Diesel	Bp / Bp Pack
Motor rating	kW	6.5 / 5.9	4.5	1.44	6.5 / 5.9	4.5	1.44
Driving speed	km/h	7	7	6	7	7	6
Turning circle	m	< 2	< 2	< 2	< 2	< 2	< 2
Sweeping width	mm	640	640	640	640	640	640
Sweeping width with 1 side brush	mm	1050	1050	1050	1050	1050	1050
Sweeping width with 2 side brushes	mm	1400	1400	1400	1400	1400	1400
Waste container capacity	l	110	110	110	2 × 50	2 × 50	2 × 50
Max. unloading height	m	1.55	1.55	1.55	Floor	Floor	Floor
Max. gradient	%	18 / 12	16	12	18 / 12	16	12
Area performance 1 side brush	m²/h	7350	7350	6300	7350	7350	6300
Area performance 2 side brushes	m²/h	9800	9800	8400	9800	9800	8400
<b>Standard equipment</b>							
Standard seat		■	■	■	■	■	■
Pneumatic tyres		■	■	■	■	■	■
Right side brush		■	■	■	■	■	■
Tact filter cleaning system		■	■	■	■	■	■
EASY Operation		■	■	■	■	■	■
Footprint system (different roller brush contact pressures)		■	■	■	■	■	■
Teach system (automatic adjustment of roller brush wear)		■	■	■	■	■	■
Power Plus system (additional torque on slopes)		■	■	■	■	■	■
Storage at the rear		■	■	■	■	■	■
Traction battery and charger		-	-	- / ■	-	-	- / ■
<b>Optional accessories</b>							
Sweeping crescent side brush		□	□	□	□	□	□
Left side brush		□	□	□	□	□	□
Comfort seat		□	□	□	□	□	□
Solid rubber tyres		□	□	-	□	□	-
Non-marking solid rubber tyres		□	□	□	□	□	□
Protective roof		□	□	□	□	□	□
Flashing beacon		□	□	□	□	□	□
Flashing beacon on protective roof		□	□	□	□	□	□
Home Base Kit		□	□	□	□	□	□
Working lights		□	□	□	□	□	□
StVZO (approved for use on German roads)		□	□	-	□	□	-
Litter picker		□	□	□	□	□	□
Kärcher Fleet		□	□	□	□	□	□
Sound insulating kit		-	□	-	-	□	-
Water spraying system		□	□	□	□	□	□
Vacuum cleaners		□	□	□	□	□	□
Side brush cover		□	□	□	□	□	□
<b>Other accessories</b>							
Side brush, soft		□	□	■	□	□	■
Side brush, hard		□	□	□	□	□	□
Main sweeper roller, soft		□	□	■	□	□	■
Main sweeper roller, hard		□	□	□	□	□	□
Order No.		1.280-140.2	1.280-140.2	1.280-140.2	1.280-140.2	1.280-140.2	1.280-140.2

■ Included in delivery. □ Accessories available.

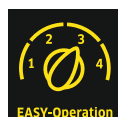


# 100 CM RIDE-ON MACHINE



## Top performance in continuous use – the high-performance class

The comfortable ride-on sweeper KM 100/100 R is designed for medium to large-sized interior and exterior surfaces. Thanks to its high sweeping performance, low operating costs and high user-friendliness, the purchase quickly pays for itself.



### 1 Impact protection

- Protects the sweeper and obstacles within the area being cleaned.



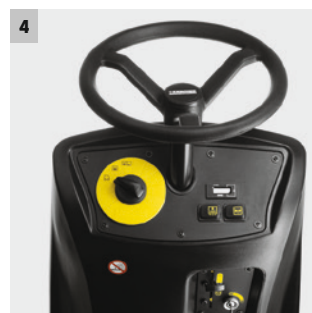
### 2 Large filter area with automatic filter cleaning system

- The filter is automatically cleaned when the machine is switched off – for continuous low-dust sweeping for long periods of uninterrupted use.
- Filter cleaning can also take place manually.
- Filter replacement without tools.



### 3 Easy to maintain

- Filter and roller brush easy to remove without tools for flexible maintenance.



### 4 EASY Operation concept

- Clear and logical arrangement of all controls in the handle and field of view for ease of use.
- Standard symbols for all Kärcher sweepers.



# TECHNICAL DATA AND EQUIPMENT

		KM 100/100 R LPG	KM 100/100 R D	KM 100/100 R G
		<ul style="list-style-type: none"> <li>Automatic filter cleaning system</li> <li>Ergonomic operating concept</li> <li>Fully hydraulic, low maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Automatic filter cleaning system</li> <li>Ergonomic operating concept</li> <li>Fully hydraulic, low maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Automatic filter cleaning system</li> <li>Ergonomic operating concept</li> <li>Fully hydraulic, low maintenance</li> </ul>
<b>Technical data</b>				
Drive		Four-stroke LPG engine / Honda	4-stroke diesel engine / Yanmar	Four-stroke petrol engine / Honda
Power	kW	6.7	4.4	6.7
Voltage		-	-	-
Max. area performance with 1 / 2 side brushes	m²/h	8000 / 10400	8000 / 10400	8000 / 10400
Working width	mm	700	700	700
Working width with 1 / 2 brushes	mm	1000 / 1300	1000 / 1300	1000 / 1300
Waste container	l	100	100	100
Climbing ability	%	18	18	18
Working speed	km/h	8	8	8
Filter area	m²	6	6	6
Weight	kg	340	340	340
Dimensions (L × W × H)	mm	2006 × 1005 × 1343	2006 × 1005 × 1343	2006 × 1005 × 1343
<b>Equipment</b>				
Round polyester filter		■	■	■
Manual/Automatic filter cleaning		■ / ■	■ / ■	■ / ■
Floating main sweeper roller		■	■	■
Adjustable suction power		■	■	■
Battery and built-in charger included.		-	-	-
Order No.		1.280-107.0	1.280-115.0	1.280-105.0
Price				

■ Included in delivery.

		KM 100/100 R Bp Pack	KM 100/100 R Bp
		<ul style="list-style-type: none"> <li>Automatic filter cleaning system</li> <li>Electric traction drive</li> <li>Emission-free operation</li> </ul>	<ul style="list-style-type: none"> <li>Automatic filter cleaning system</li> <li>Electric traction drive</li> <li>Emission-free operation</li> </ul>
<b>Technical data</b>			
Drive		DC motor	DC motor
Power	W	2050	2050
Voltage	V	24	24
Max. area performance with 1 / 2 side brushes	m²/h	6000 / 7800	6000 / 7800
Working width	mm	700	700
Working width with 1 / 2 brushes	mm	1000 / 1300	1000 / 1300
Waste container	l	100	100
Climbing ability	%	15	15
Working speed	km/h	6	6
Filter area	m²	6	6
Weight	kg	540	320
Dimensions (L × W × H)	mm	2006 × 1005 × 1343	2006 × 1005 × 1343
<b>Equipment</b>			
Round polyester filter		■	■
Manual/Automatic filter cleaning		■ / ■	■ / ■
Floating main sweeper roller		■	■
Adjustable suction power		■	■
Battery and built-in charger included.		■	-
Order No.		1.280-112.0	1.280-103.0
Price			

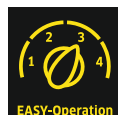
■ Included in delivery.

## 90 CM RIDE-ON MACHINE WITH TACT



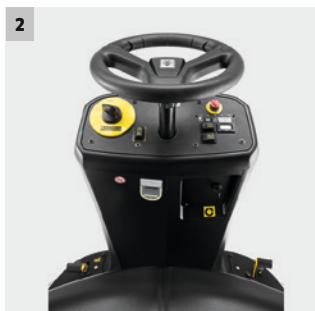
### The smart way to sweep

In addition to its powerful performance, easy handling, driving comfort and manoeuvrability, the KM 90/60 R Adv has many impressive features, including the patented and fully automatic Tact filter cleaning system. Thanks to a large tank volume, the petrol version enables long periods of use. It also has an automatic choke for an optimal start.



#### 1 Tact: fully automatic, continuous filter cleaning

- Highly effective filter cleaning for continuous dust-free operation.
- Compact filter size with long service life.
- Easy access to the filter.



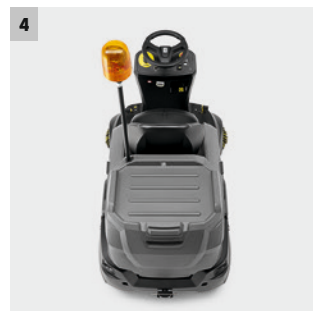
#### 2 EASY Operation concept

- Logical and clear.
- All control elements are clearly arranged and easy to access.



#### 3 Home Base for more flexibility

- Different practical connections for other accessories.
- Easy to carry, for example, a litter picker, brush or an additional container.



#### 4 Robust, compact design with pick-up area

- Built to last, high reliability.
- Safety and manoeuvrability.
- Additional components such as a spare canister or manual cleaning machines can be securely fitted and carried along.

# TECHNICAL DATA AND EQUIPMENT

		KM 90/60 R LPG Adv	KM 90/60 R G Adv KM 90/60 R G Adv Edition	KM 90/60 R G
		<ul style="list-style-type: none"> <li>■ With fully automatic and highly effective Tact filter cleaning system</li> <li>■ Integrated Home Base</li> <li>■ Swerving side brush</li> </ul>	<ul style="list-style-type: none"> <li>■ With fully automatic and highly effective Tact filter cleaning system</li> <li>■ Integrated Home Base</li> <li>■ Swerving side brush</li> </ul>	<ul style="list-style-type: none"> <li>■ Compact and extremely manoeuvrable</li> <li>■ Ergonomic operating concept</li> <li>■ Floating main sweeper roller</li> </ul>
<b>Technical data</b>				
Power	kW	6	6.6	4.8
Max. area performance with 1 / 2 side brushes	m²/h	7200 / 9200	7200 / 9200	7200 / 9200
Working width	mm	615	615	615
Working width with 1 or 2 brushes	mm	900 / 1150	900 / 1150	900 / 1150
Waste container	l	60	60	60
Climbing ability	%	18	18	18
Working speed	km/h	8	8	8
Weight	kg	270	260   262	220
Dimensions (L × W × H)	mm	1635 × 980 × 1260	1635 × 980 × 1260	1635 × 980 × 1260
<b>Equipment</b>				
Round polyester filter		-	-	■
Manual/Automatic filter cleaning		- / ■	- / ■	■ / ■
Polyester flat pleated filter		■	■	-
Floating main sweeper roller		■	■	■
Home Base Kit including litter picker		-	-   ■	-
Dual Tact filter cleaning system		-	-   ■	-
Battery and built-in charger included		-	-	-
Order No.		1.047-304.0	1.047-300.0   -306.0	1.047-204.0
Price				

■ Included in delivery.

		KM 90/60 R Bp Pack Adv KM 90/60 R BP Pack Adv Edition	KM 90/60 R Bp Adv
		<ul style="list-style-type: none"> <li>■ With fully automatic and highly effective Tact filter cleaning system</li> <li>■ Integrated Home Base</li> <li>■ Swerving side brush</li> </ul>	<ul style="list-style-type: none"> <li>■ With fully automatic and highly effective Tact filter cleaning system</li> <li>■ Integrated Home Base</li> <li>■ Swerving side brush</li> </ul>
<b>Technical data</b>			
Power	W	1200	1200
Max. area performance with 1 / 2 side brushes	m²/h	5400 / 6900	5400 / 6900
Working width	mm	615	615
Working width with 1 or 2 brushes	mm	900 / 1150	900 / 1150
Waste container	l	60	60
Climbing ability	%	12	12
Working speed	km/h	6	6
Weight	kg	355   272	225
Dimensions (L × W × H)	mm	1635 × 980 × 1260	1635 × 980 × 1260
<b>Equipment</b>			
Round polyester filter		-	-
Manual/Automatic filter cleaning		- / ■	- / ■
Polyester flat pleated filter		■	■
Floating main sweeper roller		■	■
Home Base Kit including litter picker		-   ■	-
Dual Tact filter cleaning system		-   ■	-
Battery and built-in charger included		■	-
Order No.		1.047-302.0   -307.0	1.047-301.0
Price			

■ Included in delivery.

## 85 CM WALK-BEHIND SWEEPER



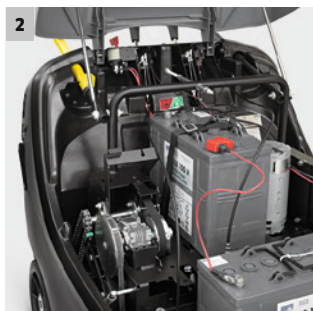
### The high-performance walk-behind machine for brilliant cleaning results

The compact and durable KM 85/50 W offers high area coverage and efficiency in medium-sized areas together with the highest level of comfort. With different equipment details such as a second side brush, reverse gear, etc.



#### 1 Efficient filter system

- 2.1 m<sup>2</sup> filter area.
- Manual filter cleaning system.
- Washable polyester filter.



#### 2 Two-walled rotating frame

- Robust and corrosion-free.
- For the toughest jobs.



#### 3 Traction drive

- Intuitive operation.
- With optional reverse gear.



#### 4 Waste pick-up and emptying

- Efficient sweeping thanks to large working width.
- Also sweeps wet surfaces.
- 50-litre container for continuous working.

# TECHNICAL DATA AND EQUIPMENT

		KM 85/50 W G Adv	KM 85/50 W G	KM 85/50 W Bp Pack Adv
		<ul style="list-style-type: none"> <li>■ Robust double-wall frame</li> <li>■ Main sweeper roller can be raised</li> <li>■ Reverse mode, operating hours counter and floating main sweeper roller</li> </ul>	<ul style="list-style-type: none"> <li>■ Robust double-wall frame</li> <li>■ Main sweeper roller can be raised</li> <li>■ Intuitive traction drive operation</li> </ul>	<ul style="list-style-type: none"> <li>■ Robust double-wall frame</li> <li>■ Main sweeper roller can be raised</li> <li>■ Reverse mode, operating hours counter and floating main sweeper roller</li> </ul>
<b>Technical data</b>				
Drive		Four-stroke petrol engine / Honda	Four-stroke petrol engine / Honda	DC motor
Power	W	3300	3300	912
Voltage	V	-	-	24
Max. area performance with 1 / 2 side brushes	m²/h	3825 / 4725	3825 / 4725	3825 / 4725
Working width	mm	610	610	610
Working width with 1 / 2 brushes	mm	850 / 1050	850 / 1050	850 / 1050
Waste container	l	50	50	50
Climbing ability	%	18	18	15
Working speed	km/h	4.5	4.5	4.5
Filter area	m²	2.1	2.1	2.1
Weight	kg	126	123	180
Dimensions (L × W × H)	mm	1355 × 910 × 1155	1355 × 910 × 1155	1355 × 910 × 1155
<b>Equipment</b>				
Polyester flat pleated filter		■	■	■
Manual filter cleaning		■	■	■
Drive with forward and reverse gears		■ / ■	■ / -	■ / ■
Adjustable main sweeper roller		-	■	-
Floating main sweeper roller		■	-	■
Battery and built-in charger included.		-	-	■
Order No.		1.351-110.0	1.351-109.0	1.351-115.0
Price				

■ Included in delivery.

		KM 85/50 W Bp Pack	KM 85/50 W Bp Adv	KM 85/50 W Bp
		<ul style="list-style-type: none"> <li>■ Robust double-wall frame</li> <li>■ Main sweeper roller can be raised</li> <li>■ Intuitive drive operation</li> </ul>	<ul style="list-style-type: none"> <li>■ Robust double-wall frame</li> <li>■ Main sweeper roller can be raised</li> <li>■ Reverse mode, operating hours counter and floating main sweeper roller</li> </ul>	<ul style="list-style-type: none"> <li>■ Robust double-wall frame</li> <li>■ Main sweeper roller can be raised</li> <li>■ Intuitive traction drive operation</li> </ul>
<b>Technical data</b>				
Drive		DC motor	DC motor	DC motor
Power	W	912	912	912
Voltage	V	24	24	24
Max. area performance with 1 / 2 side brushes	m²/h	3825 / 4725	3825 / 4725	3825 / 4725
Working width	mm	610	610	610
Working width with 1 / 2 brushes	mm	850 / 1050	850 / 1050	850 / 1050
Waste container	l	50	50	50
Climbing ability	%	15	15	15
Working speed	km/h	4.5	4.5	4.5
Filter area	m²	2.1	2.1	2.1
Weight	kg	177	115	112
Dimensions (L × W × H)	mm	1355 × 910 × 1155	1355 × 910 × 1155	1355 × 910 × 1155
<b>Equipment</b>				
Polyester flat pleated filter		■	■	■
Manual filter cleaning		■	■	■
Drive with forward and reverse gears		■ / -	■ / ■	■ / -
Adjustable main sweeper roller		■	-	■
Floating main sweeper roller		-	■	-
Battery and built-in charger included.		■	-	-
Order No.		1.351-114.0	1.351-108.0	1.351-107.0
Price				

■ Included in delivery.

## 75 CM WALK-BEHIND SWEEPER



### Clean entry into the walk-behind class

Compact and agile, the KM 75/40 W cleans small to medium-sized areas with excellent results. With convenient drive and powerful vacuum system, available with powerful petrol engine or very quiet battery-powered motor.



#### 1 Waste container with trolley handle

- Waste container with recessed grips – easy to remove and empty.
- Short disposal times.



#### 2 Efficient filter system with mechanical filter cleaning

- 1.8 m<sup>2</sup> filter area for long work intervals.
- Made of washable polyester for durability.
- Mechanical filter cleaning system with ergonomic handle.



#### 3 Easy to maintain

- Filter and roller brush easy to remove without tools for flexible maintenance.



#### 4 EASY Operation concept

- Clear and logical arrangement of all controls in the handle and field of view for ease of use.
- Standard symbols for all Kärcher sweepers.



# TECHNICAL DATA AND EQUIPMENT

		KM 75/40 W G	KM 75/40 W Bp Pack	KM 75/40 W Bp
		<ul style="list-style-type: none"> <li>■ Waste container with trolley handle</li> <li>■ Roller brush replacement without tools</li> <li>■ Efficient filter cleaning system with clean filter replacement without tools</li> </ul>	<ul style="list-style-type: none"> <li>■ Waste container with trolley handle</li> <li>■ Roller brush replacement without tools</li> <li>■ Efficient filter cleaning system with clean filter replacement without tools</li> </ul>	<ul style="list-style-type: none"> <li>■ Waste container with trolley handle</li> <li>■ Roller brush replacement without tools</li> <li>■ Efficient filter cleaning system with clean filter replacement without tools</li> </ul>
<b>Technical data</b>				
Drive		Four-stroke petrol engine / Honda	DC motor	DC motor
Power	W	3300	400	400
Voltage	V	-	24	24
Max. area performance	m²/h	3375	3375	3375
Working width	mm	550	550	550
Working width with 1 side brush	mm	750	750	750
Waste container	l	40	40	40
Climbing ability	%	15	12	12
Working speed	km/h	4.5	4.5	4.5
Filter area	m²	1.8	1.8	1.8
Weight	kg	84	124	78
Dimensions (L × W × H)	mm	1430 × 780 × 1180	1430 × 780 × 1180	1430 × 780 × 1180
<b>Equipment</b>				
Fold-down push handle		■	■	■
Dustpan principle		-	-	-
Drive with forward and reverse gears		■ / -	■ / -	■ / -
Adjustable main sweeper roller		■	■	■
Floating main sweeper roller		-	-	-
Order No.		1.049-205.0	1.049-207.0	1.049-206.0
Price				

■ Included in delivery.

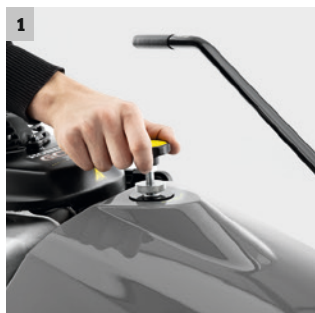
<b>Accessory</b>			
Product name	Order No.	Description	Price
Flat pleated filter	5.731-635.0	Plastic filter, water-resistant, washable, saves maintenance costs.	
Standard roller brush	6.906-884.0	Water-resistant universal bristles, extremely durable, suitable for all surfaces.	
Main roller brush, soft / natural	6.906-886.0	Specially designed with natural bristles for sweeping fine dust on smooth floors indoors.	
Carpet sweeping kit	2.641-571.0	Carpet sweeping kit for cleaning carpeted surfaces, consists of fluff filter, triple steering roller and antistatic roller brush.	

## 80 CM FRONT SWEEPER



### Compact all-rounder, all year round

Whether for normal sweeping (with or without waste container), sweeping snow or for winter use with optional snow blade – the ergonomic and manoeuvrable walk-behind sweeper performs well all year long.



#### 1 Height-adjustable roller brush

- Easy regulation of the brush pressure.
- For adjusting when worn or for adapting to a particular surface.



#### 2 Tilting of the roller brush

- Adjustment clip with locking for a fixed tilted position left and right.
- Tilting also possible with the optional snow blade.
- Rubber scrubber protection prevents damage to the surroundings.



#### 3 Snow blade for use with deeper snow

- Folding spring mechanism for optimal shock absorption.
- With gliding skids with four settings.
- Rubber strip which can be used on both sides.



#### 4 Waste container

- For direct dirt pick-up.
- The waste container can be easily adjusted when the roller brush is worn out.

# TECHNICAL DATA AND EQUIPMENT

## KM 80 W G

- For use all year round
- Great agility and low space requirement thanks to its compact design
- Multi-functional use thanks to optional waste container and snow blade

### Technical data

Drive		Four-stroke petrol engine / Honda
Power	<b>kW</b>	2.6
Max. area performance	<b>m²/h</b>	1680
Working width	<b>mm</b>	800
Working width with 1 side brush	<b>mm</b>	-
Waste container	<b>l</b>	40
Climbing ability	<b>%</b>	12
Working speed	<b>km/h</b>	2.1
Filter area	<b>m²</b>	-
Weight	<b>kg</b>	70
Dimensions (L × W × H)	<b>mm</b>	1410 × 800 × 1060

### Equipment

Fold-down push handle	■
Dustpan principle	■
Drive with forward and reverse gears	■ / -
Adjustable main sweeper roller	■
Floating main sweeper roller	-
Order No.	1.335-500.0
Price	

■ Included in delivery.

### Accessories

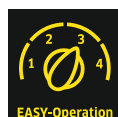
Product name	Order No.	Description	Price
Standard roller brush	6.963-108.0	Water-resistant universal bristles for good sweeping results for snow or other waste (set consists of two single roller brushes).	
Snow blade	2.851-446.0	For use in winter. With spring-mounted folding mechanism and adjustable gliding skids.	
Waste container	2.851-569.0	For sweeping up grit or other dirt into a waste container that is stable and easy to empty.	

## 70 CM COMFORT CLASS



### Compact, convenient and universal

The extremely compact and efficient KM 70/30 C sweeps silently. The main roller brush and side brushes are battery-powered, ensuring superb sweeping results and reducing physical effort. The KM 70/30 cleans right into the corners and is suitable for indoor and outdoor use.



#### 1 Adjustable push handle

- Excellent ergonomics thanks to three height positions.
- Foldable for space-saving storage in parking position.



#### 2 EASY Operation concept

- Easy to use programme selector switch.



#### 3 Easy to transport

- Front and rear carrying handles for easy transport and loading into a car.
- Wheels protruding to the rear make transporting the unit over steps easier.



#### 4 Fine dust suction (Adv version only)

- Electric suction fan for the suction of fine dust from the waste container.
- Can be switched off for sweeping wet floors.

# TECHNICAL DATA AND EQUIPMENT

## KM 70/30 C Bp Pack Adv KM 70/30 C Bp Pack

## KM 70/30 C Bp Adv KM 70/30 C Bp

- With charger and batteries (Bp Pack version)
- Electrically powered main sweeper roller and side brush
- Continuously adjustable roller brush and side brushes

- With charger and batteries (Bp Pack version)
- Electrically powered main sweeper roller and side brush
- Continuously adjustable roller brush and side brushes

### Technical data

Drive		Manual	Manual
Power	W	195   150	195   150
Voltage	V	12	12
Area performance	m²/h	2800	2800
Working width	mm	480	480
Working width with 1 side brush	mm	700	700
Waste container	l	42	42
Filter area	m²	0.61	0.61
Battery charging time	h	12	-
Operation duration	h	2.5   3.5	-
Weight	kg	47   44	35   32
Dimensions (L × W × H)	mm	1240 × 710 × 1150	1240 × 710 × 1150

### Equipment

Electric sweeping drive	■	■
Adjustable main sweeper roller	■	■
Manual filter cleaning	■   -	■   -
Fold-down push handle	■	■
Battery and built-in charger included.	■	-
Suction	■   -	■   -
Order No.	1.517-213.0   -214.0	1.517-212.0   -211.0
Price		

■ Included in delivery.

### Accessory

Product name	Order No.	Description	Price
Litter picker	2.640-908.0	For picking up refuse.	
Flat pleated filter	6.904-176.0	Paper filters for optimal fine dust filtering for dust-free sweeping (only Adv).	
Standard roller brush	6.907-041.0	Water-resistant universal bristles, durable, suitable for all surfaces.	
Standard side brushes	6.966-005.0	Water-resistant universal bristles, extremely durable, suitable for all types of surfaces.	

## 70 CM PUSH CLASS



### Lightweight and simple – for quick clean-ups

The KM 70/20 C is ideal for sweeping small areas indoors and outdoors. It cleans better and faster than a broom and is almost dust-free thanks to the controlled air flow and integrated dust filter.

GOOD  
DESIGN



**1 Main sweeper roller drive**

- The main sweeper roller is driven by both wheels – for excellent results when turning to the left or right.



**2 Adjustable push handle**

- Excellent ergonomics thanks to three height positions.
- Foldable for space-saving storage in parking position.



**3 Large dirt hopper**

- Ergonomic container grip for easy handling and emptying.



**4 Dust filter**

- The dust filter is preventing dust creation and cleanses the outlet air.



# TECHNICAL DATA AND EQUIPMENT

		KM 70/20 C	KM 70/20 C 2SB	KM 70/15 C
		<ul style="list-style-type: none"> <li>■ Main brush acceleration via both wheels</li> <li>■ Pushing bar 3 times adjustable</li> <li>■ Main brush and side brush stepless adjustable</li> </ul>	<ul style="list-style-type: none"> <li>■ Main brush acceleration via both wheels</li> <li>■ Pushing bar 3 times adjustable</li> <li>■ Main brush and side brush stepless adjustable</li> </ul>	<ul style="list-style-type: none"> <li>■ Roller brush driven by both wheels</li> <li>■ Fold-down push handle</li> <li>■ 4 × adjustable side brush</li> </ul>
<b>Technical data</b>				
Drive		Manual	Manual	Manual
Area performance	m <sup>2</sup> /h	2800	3680	2800
Working width	mm	480	480	480
Working width with 1 side brush	mm	700	700	700
Working width with 2 side brushes	mm	-	920	-
Waste container	l	42	42	42
Weight	kg	23	26	20
Weight incl. packaging	kg	28	30	25
Dimensions (L × W × H)	mm	1300 × 765 × 1035	1300 × 920 × 1050	1300 × 810 × 1040
<b>Equipment</b>				
Fine dust filter		■	■	-
Manual sweeping drive		■	■	■
Adjustable main sweeper roller		■	■	-
Foldable side brush		■	■	-
Adjustable side brush		■	■	■
Continuously adjustable side brush		■	■	-
Fold-down push handle		■	■	■
Order No.		1.517-106.0	1.517-107.0	1.517-151.0
Price				
■ Included in delivery.				
<b>Accessories</b>				
Product name	Order No.	Description	Price	
ABS bulk waste gripper	2.640-908.0	For picking up refuse.		
Standard roller brush	6.907-041.0	Water-resistant universal bristles, durable, suitable for all surfaces.		
Standard side brushes	6.966-005.0	Water-resistant universal bristles, extremely durable, suitable for all types of surfaces.		
Main roller brush, soft / water-resistant	6.903-995.0	Sweeps up fine dust on all surfaces, both in inside and outside areas.		

## SNOW THROWER RANGE



### Snow throwers – let winter begin

Kärcher snow throwers are effective, ergonomic and efficient. Powerful four-stroke engines with low fuel consumption and excellent cold starting. Two-stage snow thrower with five or six forward and two reverse speeds for clearing all types of snow.



#### 1 Reliable engines

- Sturdy four-stroke engines for high performance and low fuel consumption with exceptionally good cold-start features.



#### 2 Clever snow-blowing system

- This two-stage snow thrower operates with separate intake and discharge chute for maximum clearing performance, even in deep and hard-packed snow.



#### 3 Space-saving storage

- The control console can be easily folded down in a few simple steps to save space.



#### 4 No more snow

- Kärcher snow throwers are the ideal helpers for petrol filling stations, hotels, caretakers, service providers and municipal use.

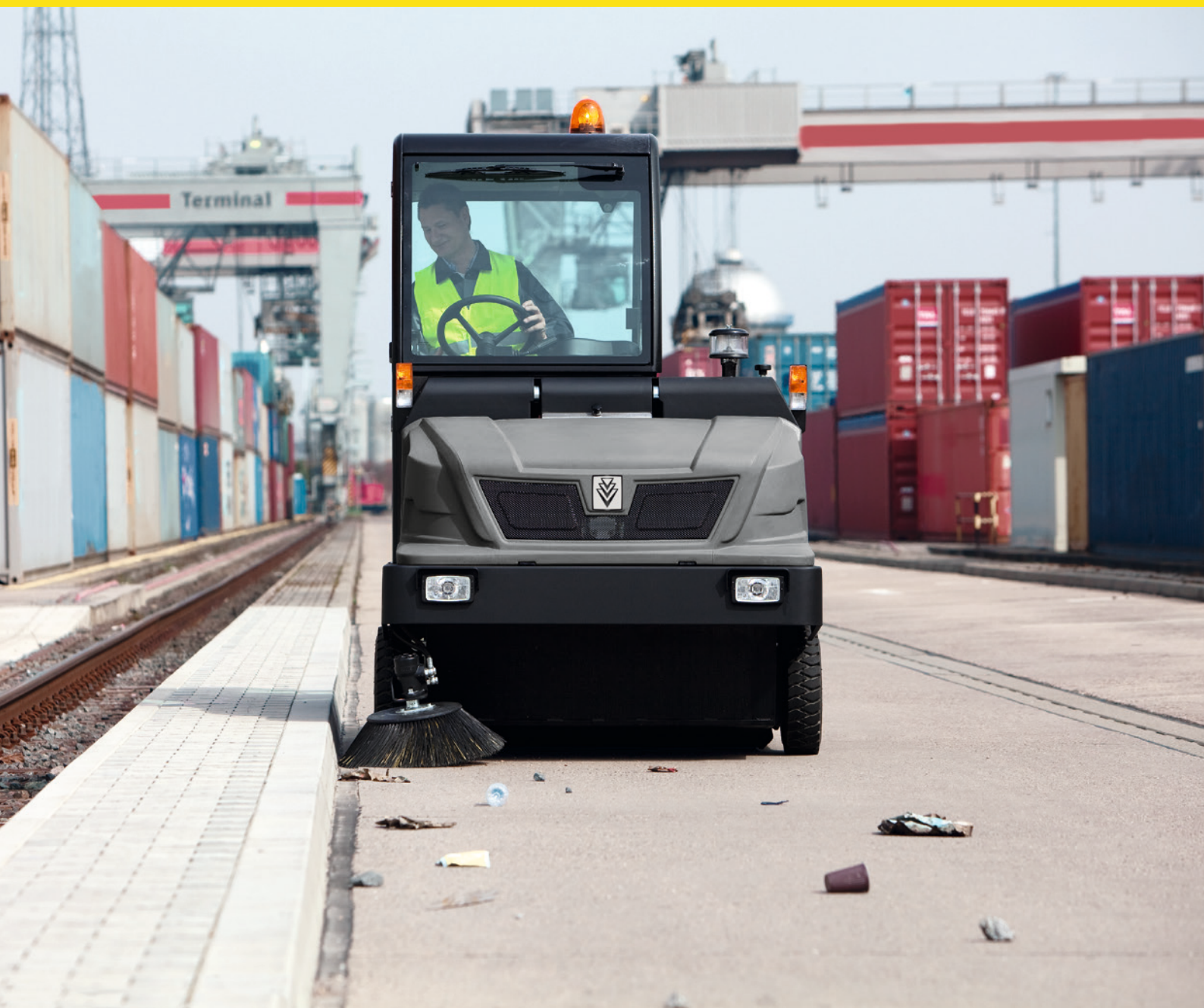
# TECHNICAL DATA AND EQUIPMENT

		STH 10.76 W	STH 8.66 W	STH 5.56 W
		■ Clutch lock system ■ Electric starter (230 V) ■ Working lights	■ Clutch lock system ■ Two-step snow-blowing system ■ Electric starter (230 V)	■ Two-step snow-blowing system ■ Hand starter
<b>Technical data</b>				
Area performance	m <sup>2</sup> /h	2280	1980	1680
Clearing width	cm	76	66	56
Intake height	cm	53	53	53
Auger diameter	cm	30	30	30
Max. throwing distance	m	12	10	8
Angled ejection chute	°	200	200	180
Drive speeds		6 forward / 2 reverse	6 forward / 2 reverse	5 forward / 2 reverse
Wide wheels / tracks	in	6.5	4.8	4
Diameter wheels / tracks	in	16 × 6.5	16 × 4.8	13 × 4
Engine type		4-stroke Snow ThorX 90	4-stroke Snow ThorX 80	4-stroke Snow ThorX 55
Motor rating	kW / hp	7.4 / 10.1	5.4 / 7.3	3 / 4
Fuel tank	l	4.7	4.7	1.9
Weight	kg	124	105	70
Dimensions (L × W × H)	mm	1400 × 850 × 1080	1400 × 700 × 1080	1400 × 600 × 1080
<b>Equipment</b>				
Adjustable ejection chute		■	■	■
Two-stage auger		■	■	■
Coupling lock for one-button mode selection switch		■	■	-
Electric starter		■	■	-
Working lights		■	■	-
Order No.		1.335-203.0	1.335-201.0	1.335-101.0
Price				

■ Included in delivery.

## THE RIGHT EQUIPMENT FOR EVERY APPLICATION

You can use our sweepers and vacuum sweepers on different surfaces and for a wide variety of cleaning tasks. We offer an extensive range of accessories for this: from roller brushes to filters and various attachment kits. This allows you to extend the spectrum of use and utilise the full efficiency of these machines.

**Table of contents: Sweeper/vacuum sweeper accessories**

Ride-on vacuum sweepers

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Walk-behind vacuum sweepers

Page 628





#### 1 More efficient and flexible

Kärcher's extensive range of accessories increases the machines' fields of application. Very good cleaning results are achieved with our accessories on a wide variety of floor coverings and surfaces inside and outside.

#### 2 Clean carpets quickly and efficiently

Dust and coarse dirt are removed from carpets in a single procedure. The kit contains all of the components necessary for carpet cleaning, such as antistatic main sweeper roller and fluff filter.

#### 3 Efficient brush technology

From the KM 85/50 W upwards, the brushes are made from polyamide as standard. They last three times longer than conventional polypropylene brushes. A further advantage: polyamide can be used on rough and smooth floors. The V-shape of the bristles allows optimal filling of the waste container. Kärcher offers an extensive range of accessory roller brushes for different types of flooring and contamination.

#### 4 Side brushes as required

In addition to the standard side brushes, there are more from Kärcher to choose from. These are perfectly adapted to the respective surface and type of waste.

#### 5 Efficient filter inlay

Good sweeping results also depend on choosing the right fine dust filter. This is why Kärcher offers technically advanced procedures. These are particularly durable and affordable thanks to integrated cleaning systems and washable materials. Our filters are BIA category M.

#### 6 Accessories for any situation

From specific tyres – according to the application area – to flashing beacon for added safety, Kärcher offers an extensive range of accessories.

#### 7 Energy to suit your requirements

For our battery-powered sweepers, we offer special batteries and chargers that are tailored to the individual needs of our customers: versions with higher or lower capacity as well as low-maintenance or maintenance-free models.

#### 8 Clean safely

Thanks to the various attachment kits, Kärcher ride-on vacuum sweepers can be adapted to the demands of special application areas – from the lights to the protective roof to the weather protection cabin in accordance with national provisions.

## FILTERS, ROLLER BRUSHES



Our standard roller brushes are made of high-quality materials for durability. They are water-resistant and suitable for all types of surfaces. Other roller brushes are available as accessories, ideally adapted for specific home cleaning tasks.

		Order No.	Length / width	Diameter	Price	Description
Round filter						
Round filter	1	6.414-576.0				Plastic filter, water-resistant, washable, reduces maintenance costs.
	2	6.414-532.0				
Flat pleated filter						
Flat pleated filter	3	6.907-519.0				The plastic filter is water-resistant, easy to wash and ideal for Tact filter cleaning.
	4	6.987-177.0				Plastic filter for standard use.
	5	6.987-519.0				
	6	6.987-691.0				
	7	6.988-158.0				Provides high separation degree, saves on maintenance costs, ensures optimum waste air cleaning.
	8	6.988-159.0				
	9	6.988-160.0				
Standard main roller brushes						
Standard roller brush	10	4.762-430.0	615 mm	330 mm		Water-resistant universal bristles, durable, suitable for all surfaces.
	11	6.906-375.0	700 mm	285 mm		
	12	4.762-529.0	640 mm	400 mm		
	13	4.762-525.0	880 mm	400 mm		
	14	6.987-438.0	1000 mm	300 mm		
	15	6.987-085.0	1194 mm	380 mm		
	16	6.987-441.0	1344 mm	400 mm		
Main roller brush, soft/natural						
Main sweeper roller, soft/natural	17	4.762-526.0	880 mm	400 mm		Specially designed with natural bristles for sweeping fine dust on smooth interior floors.
	18	4.762-523.0	640 mm	400 mm		
	19	6.906-533.0	700 mm	285 mm		
	20	4.762-442.0	615 mm	250 mm		
	21	6.987-443.0	1344 mm	400 mm		
	22	6.987-469.0	1344 mm	400 mm		
	23	6.987-437.0	1194 mm	380 mm		
	24	6.987-440.0	1000 mm	300 mm		

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.





		Order No.	Length / width	Diameter	Price	Description
Main sweeper roller, soft, professional	25	6.987-460.0	1000 mm	300 mm		Specially designed with polypropylene bristles for fine dust sweeping on smooth floors in both inside and outside areas.
	26	6.987-464.0	1194 mm	380 mm		
Main roller brush, hard						
Main sweeper roller, hard / water-resistant	27	6.987-442.0	1344 mm	400 mm		For the removal of stubborn dirt outdoors.
	28	6.987-436.0	1194 mm	380 mm		
	29	6.987-439.0	1000 mm	300 mm		
	30	4.762-527.0	880 mm	400 mm		
	31	4.762-524.0	640 mm	400 mm		
	32	4.762-443.0	615 mm	250 mm		
	33	6.906-532.0	700 mm	285 mm		
Main roller brush, antistatic						
Main sweeper roller, artificial turf	34	6.907-342.0	615 mm	190 mm		Required for sweeping artificial turf, antistatic, only useful with integrated artificial turf sweeping kit 2.851-320.7.
Main roller brush, antistatic	35	4.762-441.0	615 mm	250 mm		For cleaning surfaces subject to static build-up (carpets for example).
	36	6.906-534.0	700 mm	285 mm		

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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## SIDE BRUSHES



The universal bristles of Kärcher side brushes are water-resistant and suitable for all types of surfaces. They are robust and extremely durable.

		Order No.	Installation ex works	Diameter	Price	Description
Standard side brushes						
Side brush, standard	1	6.987-467.0		650 mm		Water-resistant universal bristles, durable, suitable for all surfaces.
	2	6.987-083.0		600 mm		
	3	6.966-063.0		600 mm		
	4	6.906-132.0		420 mm		
	5	6.905-986.0		450 mm		
Side brush, soft						
Side brush, soft	6	6.987-465.0		650 mm		Sweeps fine dust on all surfaces, for indoors and outdoors.
	7	6.905-626.0		420 mm		Sweeps fine dust on all surfaces, water-resistant, for indoors and outdoors.
	8	6.906-133.0		450 mm		
	9	6.905-620.0		550 mm		
	10	6.966-065.0		600 mm		
	11	6.987-466.0		650 mm		
Side brush, hard						
Side brush, hard	12	6.987-468.0		650 mm		Removes stubborn dirt outdoors, moisture-proof, mildly abrasive.
	13	6.905-625.0		420 mm		
	14	6.906-065.0		450 mm		
	15	6.905-773.0		550 mm		
	16	6.906-705.0		600 mm		
Side brush, hard						
Side brush, steel bristles	17	6.906-022.0		450 mm		For stripping, removing moss, abrasive, for outdoor use only.
	18	6.905-619.0		550 mm		
Side brushes, left						
Add-on kit, second side brush, left	19	2.851-275.0	2.851-275.7			Complete, including standard side brushes for increased area coverage.
	20	2.851-274.0	2.851-274.7			
	21	2.851-272.0	2.851-272.7			
	22	2.851-273.0	2.851-273.7			
	23	2.851-256.0	2.851-256.7			
	24	2.851-254.0				
	25	2.642-693.0	2.642-693.7			
	26	2.851-050.0	2.851-050.7			
	27	2.851-049.0	2.851-049.7			
	28	2.640-284.0	2.640-284.7			Complete, including standard side brushes for increased area coverage (up to serial number 11857).
	29	2.850-571.0	2.850-571.7			
Configurable side brush						
Side brush, right	30		2.852-018.7			Standard, right side brush attached to machine.
	31		2.852-022.7			
	32		2.852-037.7			
Side brush, right + rotating brush	33		2.852-019.7			Standard, right side brush attached to machine. Includes sweeping crescent brush for easy sweeping of corners.
	34		2.852-023.7			
	35		2.852-038.7			

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		<b>Order No.</b>	<b>Installation ex works</b>	<b>Diameter</b>	<b>Price</b>	<b>Description</b>
Right + left side brushes	36		2.852-020.7			Standard, right side brush attached to machine. Includes left side brush.
	37		2.852-024.7			
	38		2.852-026.7			
	39		2.852-039.7			
Right + left side brushes + sweeping crescent brush	40		2.852-021.7			Standard, right side brush attached to machine. Includes left side brush and sweeping crescent brush for easy sweeping of corners.
	41		2.852-025.7			
	42		2.852-040.7			

☐ Available accessories. More Kärcher original accessories can be found on the following pages.



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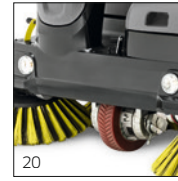
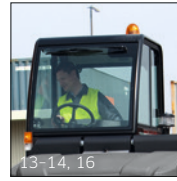
## CABS, CANOPY, WORKING LIGHT, FLASHING BEACONS



Cabs and canopies for increased safety, e.g. in warehouses. Also available with heating or air conditioning. Lighting and flashing beacon for increased safety, improved visibility and working in bad weather, e.g. in winter.

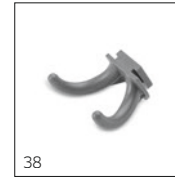
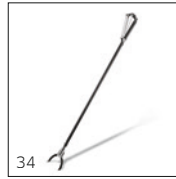
		Order No.	Installation ex works	Price	Description
Protective roof for operator					
Protective roof	1	2.851-262.0	2.851-262.7		Complies with IEC 60335-2-72.
	2		2.851-267.7		
	3		2.851-268.7		
	4	2.852-191.0			
	5	2.851-686.0			
	6	2.851-261.0	2.851-261.7		
Protective roof with windscreen and windscreen wiper	7		2.851-269.7		Canopy with windscreen and windscreen wiper.
	8		2.851-270.7		
Protective roof for operator with 360° warning beacon					
Protective roof for operator with 360° warning beacon	9		2.640-468.7		Complies with IEC 60335-2-72.
	10		2.640-496.7		
Weatherproof cabin					
Comfort cabin with heating and air conditioner	11		2.851-797.7		Glass all-round. Hinged rear window. Left side window. Robust steel construction.
	12		2.851-674.7		
	13		2.851-266.7		
Comfort cabin with heating	14		2.851-265.7		
	15		2.851-796.7		
Comfort cabin	16		2.851-264.7		
Weather protection cabins	17		2.851-271.7		Weather protection cabins with robust tubular steel frame. Windscreen with windscreen wiper. Plastic cladding on the sides and rear.
Lighting					
Road lighting	18		2.852-151.7 ■		For increased work safety on the premises: road lighting consisting of indicators and working lights.
StVZO (approved for use on German roads) with cabins	19		2.852-201.7 ■		For the road approval of our sweeper KM 130/300 R D and installation on the cabins: StVZO kit, consisting of flashing beacon, lights, brake lights, indicators, hazard lights and horn.
Working lights	20	2.852-059.0	2.852-059.7		For increased visibility, e.g. in underground garages or warehouses.
	21	2.851-279.0	2.851-279.7		
	22	2.852-852.0	2.852-852.7		
	23	2.640-551.0			
StVZO lighting attachment kit	24		2.851-280.7		Attachment kit consisting of flashing beacon, lights, indicators, horn, brake lights and hazard lights certified and approved according to the German Road Traffic Licensing Ordinance.
	25		2.851-941.7 ■		
	26		2.851-470.7		
TÜV approved	27		2.851-285.7		Review for use on public roads in Germany.

■ NEW □ Available accessories. More Kärcher original accessories can be found on the following pages.

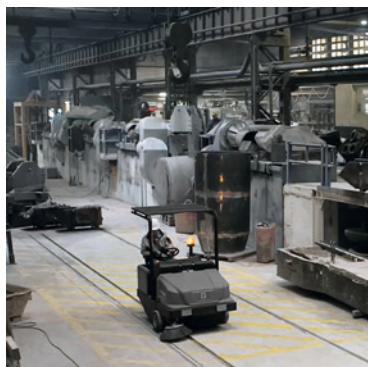
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		Order No.	Installation ex works	Price	Description
Warning beacon					
Warning beacon on protective roof	28	2.852-058.0	2.852-058.7		For increased occupational safety.
Warning beacon	29	2.643-131.0	2.643-131.7		
	30	2.640-504.0	2.640-504.7		
	31	2.642-989.0	2.642-989.7		
	32	2.641-650.0	2.641-650.7		
	33	2.852-057.0	2.852-057.7		
Home Base accessories					
Home Base litter picker kit	34	4.035-524.0			Litter picker including fastener on the machine.
Home Base brush holder kit	35	4.035-523.0			Holder fits on machine for convenient brush storage.
Home Base mop holder kit	36	4.035-374.0			Holder fits on machine for convenient mop storage.
Home Base adapter	37	5.035-488.0			For attaching to the Home Base rail.
Double hook	38	6.980-077.0			Suitable for attaching bin liners, bags, etc. to the machine - only in conjunction with Home Base adaptor 5.035-488.0.
Holder handhold, grey	39	6.980-078.0			Accessory for attaching a mop/brush to the machine - only in conjunction with Home Base adapter 5.035-488.0.
Other					
Cleaning agent container, complete	40	4.070-006.0			Kit consisting of cleaning agent container and Home Base adapter. For connecting Home Base rail.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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# TYRES



Foam-filled or solid rubber tyres for production areas where there are metal shavings or glass splinters. Non-marking super elastic tyres for battery-powered machines operating on light surfaces.

		Order No.	Installation ex works	Price	Description
Tyres					
Pneumatic tyre wheel set	1	4.515-332.0	4.515-332.7		Convenient pneumatic tyres for standard use.
	2	2.851-382.0	2.851-382.7		
	3	2.851-683.0	2.851-683.7		
Tyres, puncture-proof					
Puncture-proof tyres (set), solid rubber	4	2.851-383.0	2.851-383.7		Recommended for sweeping metal shavings, glass shards, etc.
	5		2.640-431.7		
	6	4.515-329.0	4.515-329.7		
	7	2.642-936.0	2.642-936.7		
	8		4.040-801.7		
	9	4.515-331.0	4.515-331.7		
Puncture-proof tyres (set), full rubber, non-marking	10	4.515-328.0	4.515-328.7		Recommended for sweeping metal shavings, glass shards, etc. Avoids tyre marks on light surfaces.
	11	2.851-384.0	2.851-384.7		
	12		2.641-129.7		
	13	2.851-685.0	2.851-685.7		

☐ Available accessories. More Kärcher original accessories can be found on the following pages.



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## OTHER ACCESSORIES, BATTERIES AND CHARGERS



Sweeper accessories for easier sweeping, e.g. waste flap or continuous automatic filter cleaning. Attachment kits for extending the range of uses, comfort or safety.

		Order No.	Installation ex works	Battery voltage	Battery capacity	Battery type	Price	Description
Other mounting kits								
Standard seat	1	2.851-380.0	2.851-380.7					Standard seat with good working comfort.
Additional weights, 18% gradient	2	2.852-085.0	2.852-085.7					Inclines of up to 18% can be overcome with the additional weights.
Leaf collection bag attachment kit KM 105/100 R	3	2.852-245.0 ■						Unique on the market: leaf collection bag for collecting large quantities of leaves with the vacuum sweeper. Attached to the rear of the machine, just like on lawnmowers.
Dual Tact filter cleaning system	4	2.643-176.0						For sweeping on particularly dusty ground.
	5		2.851-392.7					
Comfort seat	6	6.373-014.0						For increased driving comfort.
Spare tank	7	2.641-800.0	2.641-800.7					Conversion of the petrol tank, expanding the tank volume to 3 litres (not for Adv models).
Comfort seat	8	2.851-381.0	2.851-381.7					For increased driving comfort.
Kaercher Fleet Services KM	9	2.643-381.0	2.643-381.7					Kärcher Fleet is the innovative solution for professional fleet management. The web-based portal enables transparency of machines, cleaning applications and fleet deployment.
Stainless steel waste container	10		6.961-926.7					Stainless steel waste container for waste and areas of application with increased risk of corrosion.
	11		6.961-927.7					
	12		6.961-928.7					
Sound-damping attachment kit KM 105/1X0 R D	13		2.851-798.7					The sound-damping also reduces the noise level.
Sound-damping attachment kit KM 125/130 R D	14	2.852-068.0	2.852-068.7					
Sweeping/Vacuuming								
Hose set DN40	15	2.637-014.0 ■						Hose set, normal (ID 40). Suitable for the vacuum cleaner attachment kit for Kärcher industrial sweepers with combustion engine, as well as the battery-operated versions.
Vacuum cleaner	16	2.643-832.0 ■	2.643-832.7 ■					For industrial sweepers: vacuum cleaner attachment kit with extra high suction power for cleaning corners, shelves or between pallets. Can only be used with hose (2.637-014.0).
Hose set DN61	17	2.637-016.0 ■						Hose set, large (ID 61). Suitable for the vacuum cleaner attachment kit for battery-operated Kärcher industrial sweepers.
Vacuum cleaner	18	2.643-834.0 ■	2.643-834.7 ■					Vacuum cleaner attachment kit with extra-high suction power for cleaning corners, shelves or between pallets. Only together with normal hose (2.637-014.0) or large hose (2.637-016.0).
	19	2.643-833.0 ■	2.643-833.7 ■					
	20	2.852-246.0 ■	2.852-246.7 ■					Removable battery-operated dry vacuum cleaner with suction tube for vacuuming in hard-to-reach places on shelves, between pallets or under objects.
Suction hose Adv	21		2.641-448.7					For extra strong suction power in corners and over long distances.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Installation ex works	Battery voltage	Battery capacity	Battery type	Price	Description
Suction hose	22	2.641-689.0 ■	2.641-689.7 ■					For cleaning corners.
Side brush cover	23	2.852-243.0 ■	2.852-243.7 ■					For avoiding dust when working with vacuum sweepers: cover of the side brush prevents dust dispersion, effectively protecting the surroundings and machine against dust.
	24	2.852-244.0	2.852-244.7					
Artificial turf kit	25		2.851-320.7					The artificial turf manufacturer's technical data must be observed. Suitable only for lawns without granulate.
Carpet sweeping kit	26		2.851-334.7					Carpet sweeping kit for cleaning carpet surfaces, includes antistatic roller brush.
Side brush cover	27	2.851-286.0						Side brush cover to reduce dust dispersion.
	28	2.851-287.0						
Third side brush	29		2.851-277.7					For variable sweeping width - ideal for sweeping on different levels or around obstacles.
	30		2.851-278.7					
Water spraying system								
Water spraying system for side brushes	31	2.851-284.0	2.851-284.7					For binding dust. Consisting of stainless steel water tank (65 l) and spray water nozzles on the side brushes.
	32	2.851-282.0	2.851-282.7					For binding dust. Consisting of stainless steel water tank (60 l) and spray water nozzles on the side brushes.
	33	2.851-492.0	2.851-492.7					For binding dust. Consisting of stainless steel water tank (50 l) and spray nozzles on the side brushes.
	34	2.851-281.0	2.851-281.7					
	35	2.852-242.0 ■	2.852-242.7 ■					Water spraying system for vacuum sweepers. For binding dust as required, with 30-litre plastic container, water discharge, belt attachment and nozzles for the right and left side brush.
	36	2.852-241.0 ■	2.852-241.7 ■					
Miscellaneous								
KIK key, yellow	37	5.035-943.0						Key for operators. Cannot be adjusted.
KIK key, grey	38	5.035-944.0						Key for supervisors. Authorised access for operator keys.
5-piece KIK keys, yellow	39	4.035-542.0						Key for operators. Cannot be adjusted.
Traction batteries								
Battery	40	6.654-280.0		48 V	700 Ah	Low-maintenance		With central filling system. Charge lasts for a running period of up to 4 hours.
	41	6.654-282.0		36 V	360 Ah	Low-maintenance		
	42	6.654-124.0		6 V	180 Ah	Maintenance-free		Traction battery, maintenance-free.
Battery (in tray)	43	6.654-156.0		24 V	400 Ah	Low-maintenance		Charge lasts for up to 4 hours.

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

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		Order No.	Installation ex works	Battery voltage	Battery capacity	Battery type	Price	Description
Battery	44	6.654-119.0		6 V	240 Ah	Maintenance-free		4 required.
Battery, 240 Ah, low-maintenance	45	6.654-112.0		24 V	240 Ah	Low-maintenance		With central filling system.
<b>Chargers</b>								
Charger	46	6.654-281.0		48 V		Separate		For battery 6.654-280.0.
	47	6.654-283.0		36 V		Separate		For battery 6.654-282.0.
	48	6.654-078.0		24 V				For battery 6.654-124.0.
	49	4.839-389.0		24 V		Built-in		
	50	6.654-107.0		24 V		Separate		For battery 6.654-112.0.
	51	6.654-143.0		24 V		Built-in		
	52	6.654-120.0		24 V		Separate		For maintenance-free 24 V / 240 Ah (6.654-119.0) batteries.
<b>Traction batteries and chargers</b>								
Battery	53	7.654-001.0		12 V	44 Ah	Low-maintenance		Starter battery.
<b>Accessories for batteries</b>								
Box with wall holder	54	2.641-243.0				Low-maintenance		Storage system for refilling wet batteries, easy filling of the batteries possible, saves a lot of time. Install container at a height of 4 metres. Includes hose and flow rate volume meter.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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# FILTERS, ROLLER BRUSHES, SIDE BRUSHES



Walk-behind sweepers can achieve excellent cleaning results with the right accessories. Every machine can be adapted to suit the cleaning task using soft, hard or antistatic roller brushes. New filters ensure that the air stays clean.

		Order No.	Installation ex works	Length / width	Diameter	Price	Description
Flat pleated filter							
Flat pleated filter	1	5.731-625.0					Paper filter with long service life.
	2	5.731-635.0					Plastic filter, water-resistant, washable, saves maintenance costs.
	3	5.731-585.0					
Flat pleated filter, paper							
Flat pleated filter, paper	4	6.904-367.0					Paper, dust class M.
Fleece filter							
Filter element	5	5.731-642.0					Plastic filter, water-resistant, washable, reduces maintenance costs.
Standard main roller brushes							
Standard roller brush	6	6.906-041.0		480 mm			Water-resistant universal bristles, extremely durable, suitable for all types of surfaces.
	7	6.906-508.0		620 mm			
	8	6.906-509.0		620 mm			
	9	6.906-884.0		550 mm			
	10	6.907-041.0		480 mm			
	11	6.963-108.0		300 mm			Water-resistant universal bristles for good sweeping results for snow or other waste (set consists of two single roller brushes).
Main roller brush, soft/natural							
Reversing rolling mill soft	12	6.906-886.0		550 mm			Specially designed with natural bristles for sweeping fine dust on smooth floors indoors.
	13	6.906-557.0		620 mm			
Main roller brush, soft/ moisture-proof							
Main roller brush, soft / water-resistant	14	6.903-995.0		480 mm			Sweeps up fine dust on all surfaces, both in inside and outside areas.
Main roller brush, hard							
Reversing rolling mill, hard	15	6.906-885.0		550 mm			For the removal of stubborn dirt outdoors.
Main sweeper roller, hard/ water-resistant	16	6.903-999.0		480 mm			
	17	6.906-558.0		620 mm			
Main roller brush, antistatic							
Reversing rolling mill, antistatic	18	6.906-950.0		550 mm			For cleaning surfaces subject to static build-up (e.g. carpets, artificial turf).
	19	6.907-023.0		480 mm			
Standard side brushes							
Standard side brushes	20	6.906-132.0			420 mm		Water-resistant universal bristles, extremely durable, suitable for all surfaces.
	21	6.966-005.0			330 mm		
Side brush, soft							
Side broom, soft	22	6.905-626.0			420 mm		Sweeps fine dust on all surfaces, water-resistant, for indoors and outdoors.
Side brush, hard							
Side broom hard	23	6.905-625.0			420 mm		Removes stubborn dirt outdoors, moisture-proof, mildly abrasive.
Side brushes, left							
Side brush, attachment kit, left	24	2.640-441.0	2.640-441.7				Complete, including standard side brushes for increased area coverage.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



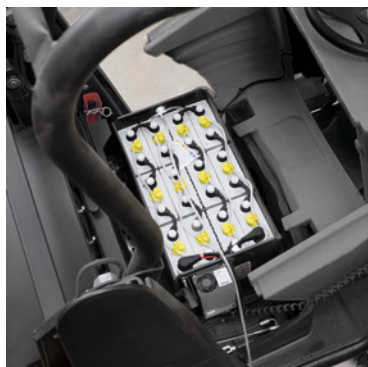
		Order No.	Installation ex works	Length / width	Diameter	Price	Description
<b>Other mounting kits</b>							
Snow blade	25	2.851-446.0					For use in winter. With spring-mounted folding mechanism and adjustable gliding skids.
Waste container	26	2.851-569.0					For sweeping up grit or other dirt into a waste container that is stable and easy to empty.
Double filter shaker	27	2.851-040.0					Dual filter scraper for increased cleaning performance in very dusty environments
	28	2.851-000.0					
Add-on kit carpet sweep unit KM 75/40 W	29	2.641-571.0					Carpet sweeping kit for cleaning carpeted surfaces, consists of fluff filter, triple steering roller and antistatic roller brush.
ABS bulk waste gripper	30	2.640-908.0					For picking up refuse.
Brake	31	2.640-301.0					For reliable braking on gradients > 2%.

☐ Available accessories. More Kärcher original accessories can be found on the following pages.



				KM 85/50 W G Adv
				KM 85/50 W G
				KM 85/50 W Bp Pack Adv
				KM 85/50 W Bp Pack
				KM 85/50 W Bp Adv
				KM 85/50 W Bp
				KM 75/40 W G
				KM 75/40 W Bp Pack
				KM 75/40 W Bp
				KM 80 W G
				KM 70/30 C Bp Pack Adv
				KM 70/30 C Bp Pack
				KM 70/30 C Bp Adv
				KM 70/30 C Bp
				KM 70/20 C
				KM 70/20 c 2SB
				KM 70/15 C

## BATTERIES, CHARGERS

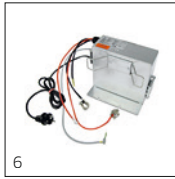


Bp Pack sweepers with on-board charger enable the batteries to be recharged at any power outlet.

		Order No.	Battery voltage	Battery capacity	Battery type	Price	Description
<b>Traction batteries</b>							
Battery	1	6.654-202.0	12 V	26 Ah	Maintenance-free		Traction battery
	2	6.654-226.0	12 V	60 Ah	Maintenance-free		2 required.
	3	6.654-048.0	12 V	80 Ah	Low-maintenance		
<b>Chargers</b>							
Charger	4	6.654-068.0	24 V		Veparate		For battery 6.654-021.0.
	5	6.654-203.0	12 V		Built-in		For battery 6.654-202.0.
	6	6.654-225.0	24 V		Built-in		For battery 6.654-226.0.
	7	6.654-140.0	24 V		Vuilt-in		For battery 6.654-141.0.

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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# MUNICIPAL EQUIPMENT IN PERFECTION

We know your requirements and needs very well. Your tasks are diverse. From green care to street cleaning, from snow clearing to watering. And we have precisely the municipal equipment you need for your success: powerful vacuum sweepers, versatile implement carriers, universal as well as specialist implements and the latest battery-powered machines. In a word: effective equipment for maximum efficiency.



**Table of contents: Municipal equipment**

Vacuum sweepers	Page 640
Light waste vacuum cleaners	Page 644
Municipal implement carriers	Page 646
Implements	Page 656
Park & City Solutions	Page 658
Accessories for Park & City Solutions	Page 666

**MC 130 – for year-round use**

2-seater sweeper in 1 m<sup>3</sup> class for year-round use. Convenient operation via joystick and multifunction display.

**MIC 70 – the workhorse**

With a 66 hp common rail diesel engine, diesel particle filter and hydraulic power of up to 100 l/min, the MIC 70 is simply bursting with power.

**Kärcher Park & City Solutions**


Battery-powered machines with 50 V lithium-ion technology. Powerful, untiring, environmentally friendly and extremely quiet.


**How to read the unit names:****Model**


- MC** = Municipal Cleaner
- MIC** = Municipal Implement Carrier
- LB** = Leaf Blower
- CS** = Chain Saw
- ST** = String Trimmer
- Bp** = Battery Pack
- BC** = Battery Charger




## MUNICIPAL EQUIPMENT

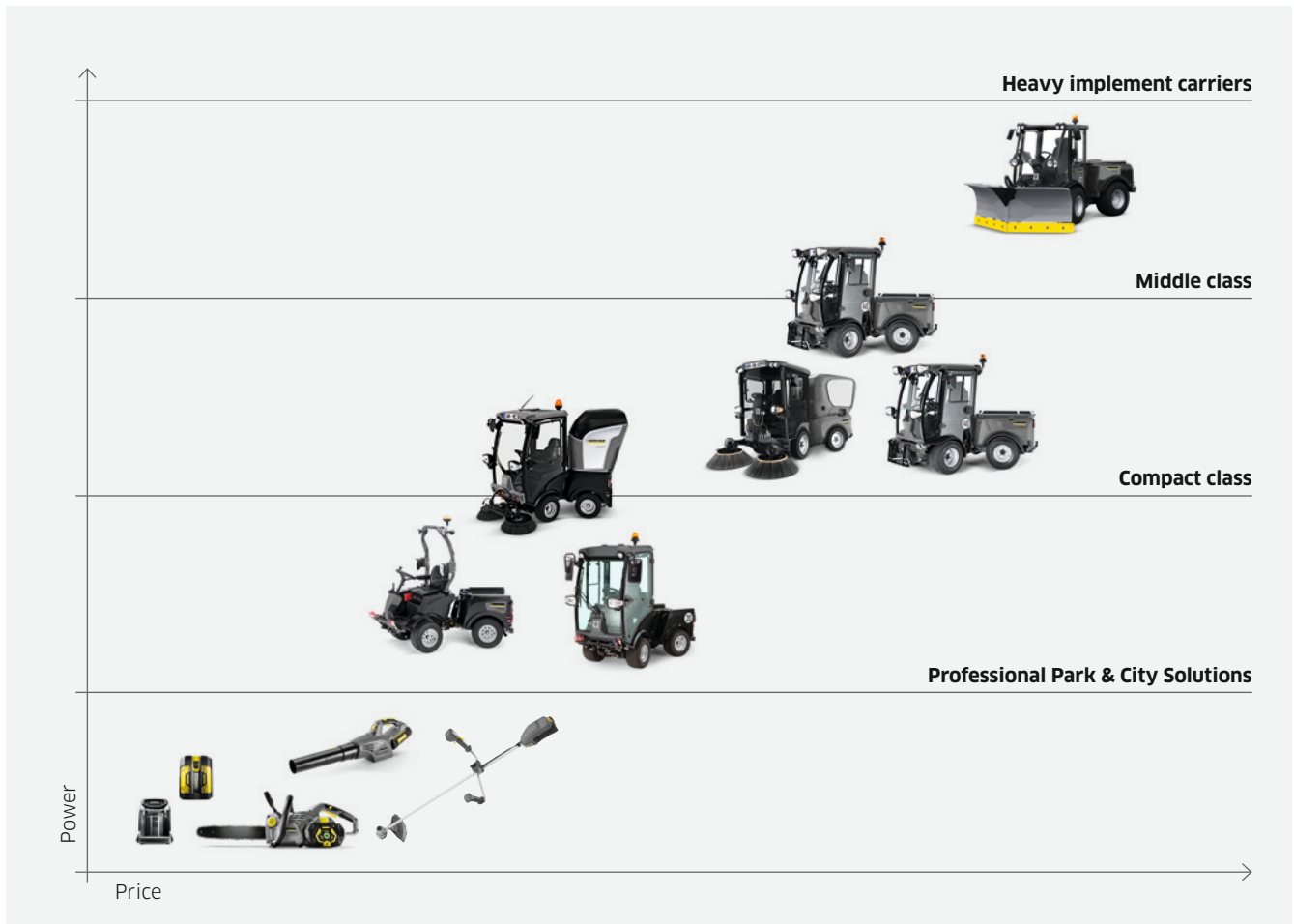
	Price	Variable sweeping width (mm)	Waste hopper volume (l)	Max. area performance (m <sup>2</sup> /h)	Cleaning applications	Year-round use	All-wheel drive	Traction control	Individual brush control	Hydraulic high container emptying	Air conditioning	Heating	Page
	<b>Vacuum sweepers</b>												
	MC 130 Adv		1200-2400	1000	24000	■	■	■	■	■	□	■	641
	MC 130+	■	1200-2400	1000	24000	■	■	■	■	■	□	■	641
	MC 50 Adv Comfort		900-1400	500	14000	■	■	■	-	-	■	■	643
	MC 50 Adv		900-1400	500	14000	■	■	■	-	-	■	-	643

	Price	Working width (mm)	Waste hopper volume (l)	Max. area performance (m <sup>2</sup> /h)	Indoor use	Outdoor use	Storage compartment 15 l	Traction drive, hydraulic	Coarse dirt flap	Electro start	Flashing beacon	Curb climbing aid	Page
	<b>Light waste vacuum cleaners</b>												
	IC 15/240 W Adv		100	240	-	-	■	■	■	■	■	■	645
	IC 15/240 W		100	240	-	-	■	■	■	■	-	-	645

	Price	hp	Hydraulic system (l/min)	Total permissible weight (kg)	Year-round use	Air conditioning	Heating	Comfort seat	Traction control	Warning light	Safety belt	Page
	<b>Implement carriers</b>											
	MIC 84		84	0-120	5000	■	□	□	□	■	□	647
	MIC 70	■	66	100	3500	■	□	□	□	□	□	649
	MIC 50 Adv		50	80	2800/3200	■	□	□	□	□	□	651
	MIC 50		50	80	2600	■	□	□	□	□	□	651
	MIC 34 C		34	40	1750	■	■	■	□	-	■	653
	MIC 26 C Adv		26	40	1750	■	■	■	□	-	■	655
	MIC 26 C		26	40	1750	■	-	-	-	-	□	655

	Price	Operating voltage (V)	Weight (kg)	Guaranteed sound power level (db(A))	BC Adv	Compatible with all Kärcher batteries	Bp 200 Adv	Bp 400 Adv	Bp 800 Adv	Bp 2400 Adv	Safety helmet set	Safety goggles	Double-shoulder carrying strap	Chain oil	Page
	<b>Park &amp; City Solutions</b>														
	LB 850 Bp	■	50	2.34	95	□	■	□	□	□	-	□	□	-	661
	CS 330 Bp	■	50	3.76	99	□	■	□	□	□	□	-	-	□	665
	ST 400 Bp	■	50	3.4	-	□	■	□	□	□	□	□	□	-	665

■ NEW   ■ Included in delivery.   □ Optional accessories.



# ECONOMICAL USE ALL YEAR ROUND

Kärcher municipal sweepers deliver exceptional performance everywhere: on large areas, difficult surfaces, roads, paths, car parks, grassed surfaces and sports facilities. From spring cleaning to green care in summer and autumn as well as winter service. Each of these robust machines with diverse implements forms an application-optimised solution in terms of power, operability and efficiency. And in turn, an investment that retains its value for years.



## 1 Robustness

Drivers should be able to completely rely on their machines in any situation. Kärcher uses only high-quality materials and components to ensure that everything runs smoothly even in difficult working situations. The high level of quality of our implement carriers and vacuum sweepers makes regular servicing easier and forms the basis for a long product life. In combination with the latest, user-friendly technology, our machines are real workhorses – from January through to December.

## Safety

Kärcher does not compromise on safety. Whether on the road or during daily work routines – the modern assistance systems of our implement carriers and vacuum sweepers meet the highest safety requirements and ensure that work does not become a risk.

## Convenience

Optimal freedom of movement: Kärcher offers the most spacious cabin in this machine class – a decisive advantage, not just during long periods of use. The vibration-cushioned cabin can be individually equipped and enables a healthy working environment with reduced noise.

## 2 Flexible and compatible

Kärcher municipal machines are profitable investments. Their built-in flexibility and broad range of applications mean they have many uses on a daily basis. The machines are always ready to use – regardless of the season, wind and weather, day or night. Fast implement changing and high transport speed reduce setup and non-productive times. Attention to detail and an efficient operating concept with excellent ergonomics result in effective working at low cost all year round.

## 3 Made in Germany

Kärcher implement carriers and vacuum sweepers are produced solely in Germany. Kärcher, a traditional family-owned company, has always maintained a close dialogue with municipalities and focuses on customer-specific requirements in the development of its machines.

## 4 Leasing and financing

Kärcher is not only on hand to offer you help and advice in selecting the right machine, but also to offer the appropriate financing model. Because for Kärcher, a good partnership means working successfully together with its customers. Place your trust in us!





Sweeping



Green care



Winter service



Wet cleaning

## MIDDLE CLASS

### 2-seater machine for year-round use



Large waste hopper volume, compact dimensions. The sweeper is in the 1 m<sup>3</sup> class. Automatic sweeping at the push of a button in eco!efficiency mode. This achieves the best sweeping performance with optimal engine speed and hydraulic power. Optimised efficiency by preventing erroneous operation, as well as less wear and tear.



**1 Kärcher multifunction display**

For minimum distraction, the unique multifunction display integrated in the steering wheel hub is always in the driver's field of view whilst working. The control elements on the ergonomic armrest allow easy individual brush control.



**2 Comfortable two-seater cabin**

The comfortable two-person cabin with 360° all-round view offers a pleasant working environment. It is hydrodynamically supported on 4 sides to ensure a low noise level and low-vibration driving comfort.



**3 Kubota diesel engine with diesel particle filter**

The powerful and economical Kubota 66 hp diesel engine with common rail system is the heart of the MC 130+. Engines with direct fuel injection require far less fuel than conventional engines and therefore help to further reduce machine operating costs.



**4 3.5-tonne class**

The total permissible weight of the MC 130 is about 3.5 tonnes. This makes working on pavements easy. Anyone with a class B driving licence can operate the sweeper.



# CONFIGURATION OF THE MC 130 MACHINE



## MC 130 Adv

## MC 130+

- All-wheel drive
- Automatic traction control
- Year-round use

- All-wheel drive
- Automatic traction control
- Year-round use

### Technical data

<b>Motor</b>		4-cylinder diesel engine / Kubota	4-cylinder common rail engine with DPF / Kubota
<b>Power</b>		36.5 kW at 2700 rpm (50 hp)	48.6 kW at 2700 rpm (66 hp)
<b>Driving speed</b>	km/h	40	40
<b>Turning radius (inside)</b>	m	1.21	1.21
<b>Dimensions (L × W × H)</b>	mm	3950 × 1200 × 1990	3950 × 1200 × 1990
<b>Total permissible weight</b>	kg	3500	3500
<b>Net weight</b>	kg	2275	2275
<b>Container capacity</b>	l	1000	1000
<b>Fresh water tank</b>	l	195	195
<b>Working width</b>	mm	1200-2400	1200-2400
<b>Emptying height</b>	mm	1550	1550
<b>Area performance</b>	m²/h	24000	24000
<b>Noise level in cabin</b>	dB(A)	73	73

### Equipment

<b>2-person cabin</b>	■	■
<b>Multifunction display</b>	■	■
<b>Air conditioning</b>	□	□
<b>Airsprung driver's seat</b>	□	□
<b>Water recycling system</b>	□	□
<b>High-pressure cleaner</b>	□	□
<b>Order No.</b>	<b>1.442-230.2</b>	<b>On request</b>

■ Included in delivery. □ Compatible accessories.

## COMPACT CLASS



### The agile, compact machine for year-round use

The MC 50 Adv offers optimal sweeping results and is also suitable for year-round use. The quick-change system enables implements such as mower or snow blade and spreader to be changed within minutes without tools.



**1 Parallelogram guided brush system**

The floating roller sweeping system with relief and hydraulic floating position ensures constant contact pressure and therefore an optimal sweeping level – even on uneven surfaces. It also ensures optimal sweeping results at all times. A bumper at the front and side provides added safety.



**2 Automatic coarse dirt flap**

The coarse dirt flap opens automatically for larger items such as bottles or larger quantities of light waste such as leaves or packaging – and then quickly closes again. For perfect suction without residues



**3 Clever and practical**

The straight suction channel minimises the risk of blockages. For direct access and fast cleaning, the suction tube between the suction mouth and waste container can be removed with 2 handles without tools. Cleaning and removal of any blockages has never been so easy and time-saving.



**4 Innovation with vacuum**

The innovative suction system of the Kärcher MC was developed with the aid of CFD simulations. The result: reduced noise, lower consumption, less emissions and reduced wear and tear. The robust and corrosion-free waste container with 500-litre volume allows a fill level of up to 100 percent and is easy to empty.

# CONFIGURATION OF THE MC 50 MACHINE



## MC 50 Adv Comfort

## MC 50 Adv

Technical data					
Drive / Engine		4-stroke diesel engine / Yanmar			4-stroke diesel engine / Yanmar
Power		19.2 kW / 26 hp			19.2 kW / 26 hp
Speed	km/h	20			20
Turning radius (inside)	m	0.75			0.75
Dimensions (L × W × H)	mm	2960 × 1090 × 1970			2960 × 1090 × 1970
Total permissible weight	kg	1750			1750
Net weight	kg	850 (without sweeping system)			850 (without sweeping system)
Container capacity	l	500			500
Fresh water tank	l	165			165
Working width	mm	900-1400			900-1400
Working width 3rd side brush	mm	2000			2000
Dumping height	mm	1450			1450
Area performance	m <sup>2</sup> /h	14000			14000
Equipment					
Heating		■			■
Air conditioning		■			-
Driver's seat		Fabric			Imitation leather
Comfort seat with air suspension		□			□
Radio (incl. CD, MP3)		□			□
Water recycling system		□			□
Order No.		1.442-202.2			1.442-202.2

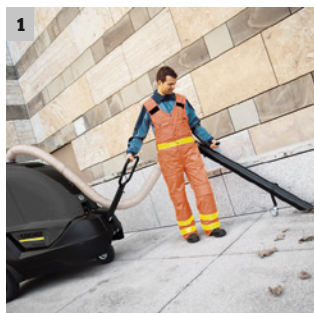
■ Included in delivery. □ Optional accessories.

# LIGHT WASTE VACUUM CLEANER



## Great suction power for small areas

Ideal for grassed and hard surfaces in industrial and municipal facilities: the walk-behind IC 15/240 W litter vacuum deposits leaves and refuse, e.g. large PET bottles in a standard refuse bin.



**1 One-hand operation via drawbar**

- Easy machine handling and control – one hand is always free.



**2 Hydrostatic, maintenance-free traction drive (forwards/backwards)**

- Comfortable working even on gradients; easy to transport.



**3 Designed for standard bins (240 l), available worldwide**

- Easy disposal by changing refuse bins.



# TECHNICAL DATA AND EQUIPMENT

## IC 15/240 W Adv

## IC 15/240 W

- Hydraulic traction drive with forward and reverse gears
- Suction pipe with arm-guide
- Public-service equipment (flashing beacon, fine dust filter, curb climbing aid)
- Hydraulic traction drive with forward and reverse gears
- Suction pipe with arm-guide

### Technical data

Power	kW	4	4
Working speed	km/h	6	6
Operating hours on one tankful	h	2.5	2.5
Container capacity	l	240	240
Load capacity	kg	70	70
Working width	mm	100	100
Climbing ability	%	15	15

### Equipment

Suction hose with suction tube	■	■
Elapsed time counter	■	■
240-litre rubbish bin	■	■
Lockable storage compartment	■	■
Electro start	■	■
Hinged bulk waste flap	■	■
Warning beacon	■	-
Curb climbing aid	■	-
Polyester flat pleated filter	■	-
Order No.	1.183-904.0	1.183-903.0
Price		

■ Included in delivery.

### Accessories

Product name	Order No.	Description	Price
Blow tube with parison	2.850-831.0	For blow-sweeping leaves and light debris.	
Fine dust filter (kit)	2.850-832.0	For dust-free working.	
Holding machine for rubbish bags	2.850-845.0	Easy refuse bag filling and removal.	

# HEAVY IMPLEMENT CARRIERS

## The beefy powerhouse



Do you need a machine offering ultimate power that can be finely adjusted to suit any task? The MIC 84 makes work easier. This powerful and versatile machine can be used for additional applications in municipal use such as asphalt milling or removing weeds using hot steam and can be fitted with a front loader. The extreme power of this machine can be infinitely adjusted via a potentiometer to suit the particular implement used.



### 1 Convenient equipment

Optimum driving comfort, outstanding space, perfect overview, seat heating, airsprung seat and a low noise level ensure a pleasant working environment.



### 2 Central display

With the MIC 84, the operator has an overview of all functions, e.g. engine speed, speed, temperature, hydraulic oil, direction indicator, driving mode or fuel gauge. In addition, all unit functions can be centrally controlled.



### 3 Individually adjustable power

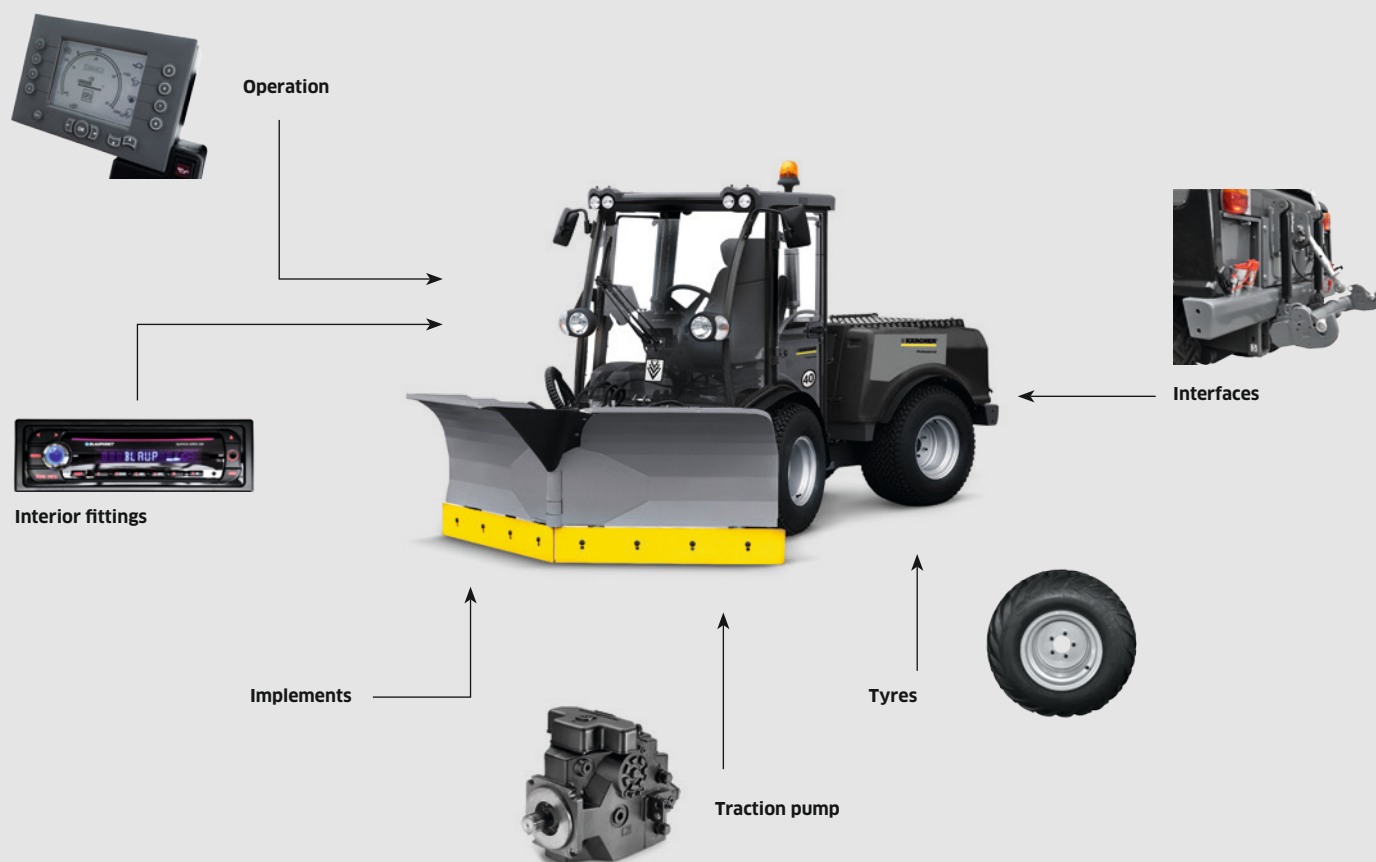
With the 84 hp turbo diesel engine, the operator can infinitely adjust the hydraulics. The MIC 84 offers set programmes for front loaders, snow blades, mowing deck, cylindrical mowers, etc.



### 4 Wide range of applications thanks to numerous implements

The MIC 84 is suitable for summer and winter use. Mowers in different sizes are available for lawn care. Front loaders with attached shovel or fork offer the optimal solution for every application.

# CONFIGURATION OF THE MIC 84 MACHINE



## MIC 84

- 2-speed traction drive
- Hydraulic traction drive
- All-wheel drive
- Automatic traction control

### Technical data

<b>Drive/Engine</b>		4-stroke turbo diesel engine / Kubota
<b>Power</b>		61.7 kW / 84 hp
<b>Exhaust emissions standard</b>		Stage IIIA
<b>Fuel tank</b>	l	78
<b>Speed</b>	km/h	40
<b>Working speed</b>	km/h	20
<b>Service brake</b>		Hydrostatic
<b>Dimensions (L × W × H)</b>	mm	3215 × 1590 × 2130
<b>Weight</b>	kg	2450
<b>Total permissible weight</b>	kg	5000
<b>Turning radius (inside)</b>	m	3.1
<b>Climbing ability</b>	%	40
<b>Noise level (in cabin)</b>	dB(A)	74

### Equipment

<b>Emergency seat for passenger</b>	<input type="checkbox"/>
<b>Air conditioning</b>	<input type="checkbox"/>
<b>Airsprung driver's seat</b>	<input type="checkbox"/>
<b>Seat heating</b>	<input type="checkbox"/>
<b>Load damping</b>	<input type="checkbox"/>
<b>Order No.</b>	<b>1.442-012.2</b>

☐ Optional accessories.

## MIDDLE CLASS



### Full power, all year round

A small powerhouse for really big jobs: 20 hp more power than the MIC 50 gives the compact MIC 70 the necessary power for numerous applications using heavy implements, e.g. the front loader developed by Kärcher. In addition, the 4-cylinder diesel engine with 66 hp has a soot particle filter for lower exhaust emissions as standard.



#### 1 High hydraulic power

Heavy implements are effortlessly driven by the powerful tandem pump. A total of up to 100 l/min is available. The engine output per litre can be distributed to the front and rear (50 + 50 l/min front or 50 + 50 l/min rear).



#### 2 Low-emission engine

4-cylinder Kubota common rail diesel engine with 48.6 kW (66 hp) power. After-treatment of exhaust gases and diesel particle filter ensure low exhaust emissions. Certification according to Stage IIIB and Tier 4 final.



#### 3 Central display

The hydraulics are adjusted via a central display. The driving speed and regeneration phase of the diesel particle filter are also displayed.



#### 4 Quick-change system

Quick-change system for rear-mounted implements via hydraulic tilting frame. No more laborious winding and adjustment necessary. Easy to remove by one person without tools within the shortest time.

CONFIGURATION OF THE MIC 70 MACHINE



MIC 70

- 2-speed traction drive
- Hydraulic traction drive
- Traction control with optional differential lock

Technical data		
Motor		4-cylinder diesel engine with DPF / Kubota
Power		48.6 kW at 2700 rpm (66 hp)
Exhaust emissions standard		Stage IIIB/Tier 4 final
Fuel tank	l	50
Driving speed	km/h	40
Dimensions	mm	2745 × 1200 × 2000
Total permissible weight	kg	3500
Weight	kg	1700
Turning radius (inside)	m	1.17
Equipment		
Heated windscreen		<input type="checkbox"/>
Air conditioning		<input type="checkbox"/>
Airsprung driver's seat		<input type="checkbox"/>
Load damping		<input type="checkbox"/>
Vibration damping		<input type="checkbox"/>
Kärcher front loader		<input type="checkbox"/>
Order No.		1.442-240.2

☐ Optional accessories.



## MIDDLE CLASS



### Compact can be powerful

The MIC 50 is a compact implement carrier in the 3.5-tonne class especially developed for municipal use and is suitable for on-road and off-road use. A working width of up to 3 metres is possible for mowing. Customise your MIC 50. Only the vehicle chassis and cabin are always the same. Traction drive, wheels and hydraulic system can be individually combined.



#### 1 High-quality components

All important components are easily accessible for daily maintenance.



#### 2 Clearly arranged

The MIC 50 allows a good view of implements and the surrounding area. A low noise level and plenty of space and comfort make the operation of this machine more enjoyable.



#### 3 Compact in all dimensions

The narrow external width and an overall height of just under 2 metres make the MIC 50 suitable for use on pavements. This makes the machine ideal for municipal use.

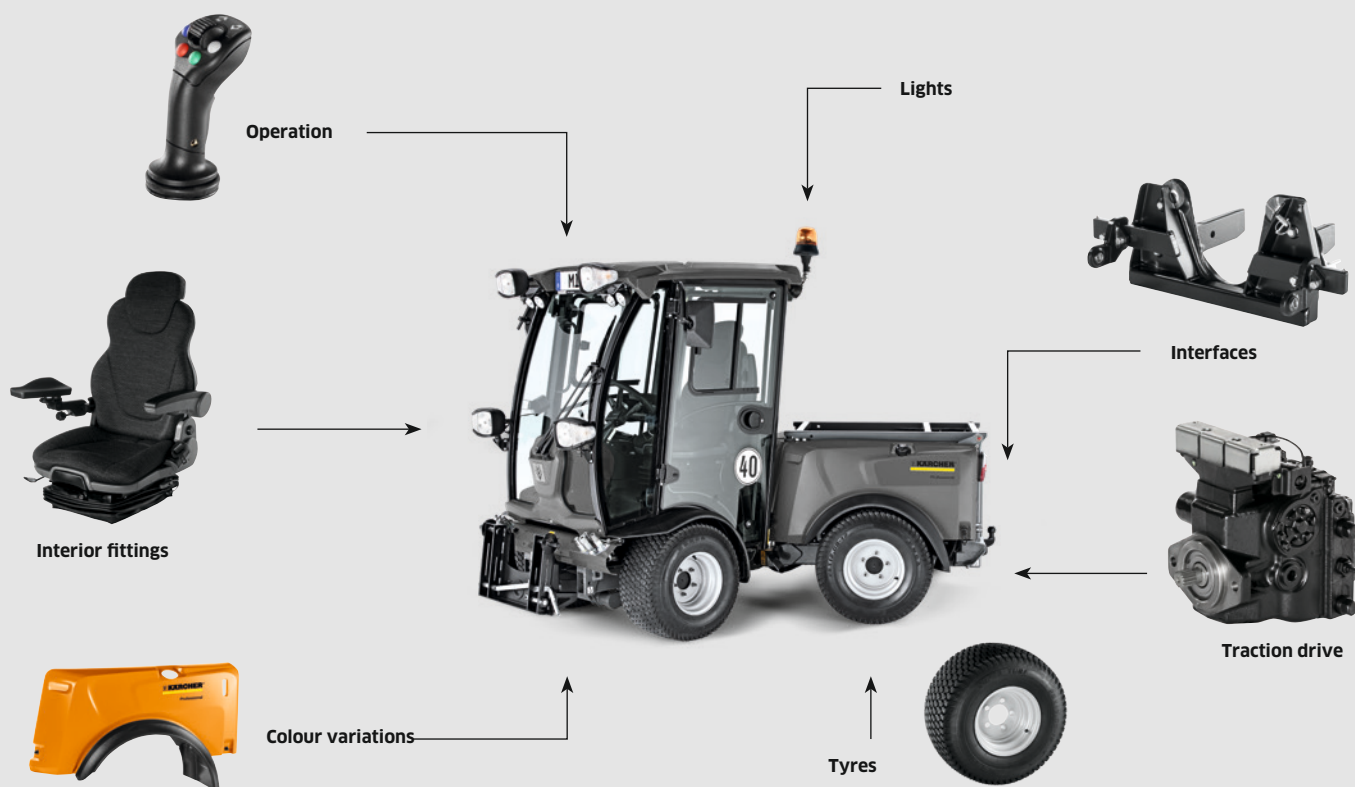


#### 4 Quick replacement

With the MIC 50, implements can be changed quickly and easily at three attachment points without tools.



# CONFIGURATION OF THE MIC 50 MACHINE



## MIC 50 Adv

## MIC 50

- 2-speed traction drive
- Hydraulic traction drive with forward and reverse gears
- All-wheel drive
- Hydraulic power steering

- 1-speed traction drive
- Hydraulic traction drive with forward and reverse gears
- All-wheel drive
- Hydraulic power steering

### Technical data

<b>Drive / Engine</b>		4-cylinder diesel engine / Kubota	4-cylinder diesel engine / Kubota
<b>Power</b>		36 kW at 2700 rpm (50 hp)	36 kW at 2700 rpm (50 hp)
<b>Exhaust emissions standard</b>		Stage IIIA	Stage IIIA
<b>Fuel tank</b>	<b>l</b>	50	50
<b>Driving speed</b>	<b>km/h</b>	40	30
<b>Dimensions (L × W × H)</b>	<b>mm</b>	2745 × 1200 × 2000	2745 × 1200 × 2000
<b>Weight</b>	<b>kg</b>	1660	1650
<b>Total permissible weight</b>	<b>kg</b>	2800/3200	2600
<b>Turning radius (inside)</b>	<b>m</b>	1.17	1.17

### Equipment

<b>Heated windscreen</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Air conditioning</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Airsprung driver's seat</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Load damping</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Vibration damping</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Kärcher front loader</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Order No.</b>	<b>1.442-220.2</b>	<b>1.442-220.2</b>

☐ Optional accessories.

## COMPACT CLASS



### Powerful machine – to make your work easier

If you are looking for a compact vehicle designed specifically for use on pavements and in parks – just take a closer look at the MIC 34 C. The narrow design allows it go where larger machines cannot. The MIC 34 with its 24 kW turbo diesel engine has enough power for heavy-duty applications such as mowing with grass pick-up and removing weeds in one pass.



#### 1 Robust power transmission

The powerful hydraulics adapted to the high motor rating allows mowing with pick-up as well as removing weeds and suction in one pass.



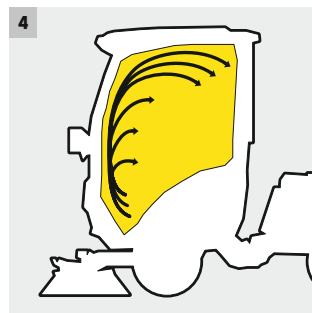
#### 2 Lasting power

The 34 hp turbo diesel engine opens up a wide range of possible applications. The 40-litre hydraulic system effortlessly drives even heavy-duty implements, e.g. snow throwers or mowers. And the second hydraulic circuit increases the versatility.



#### 3 Quick-change concept for implements without tools

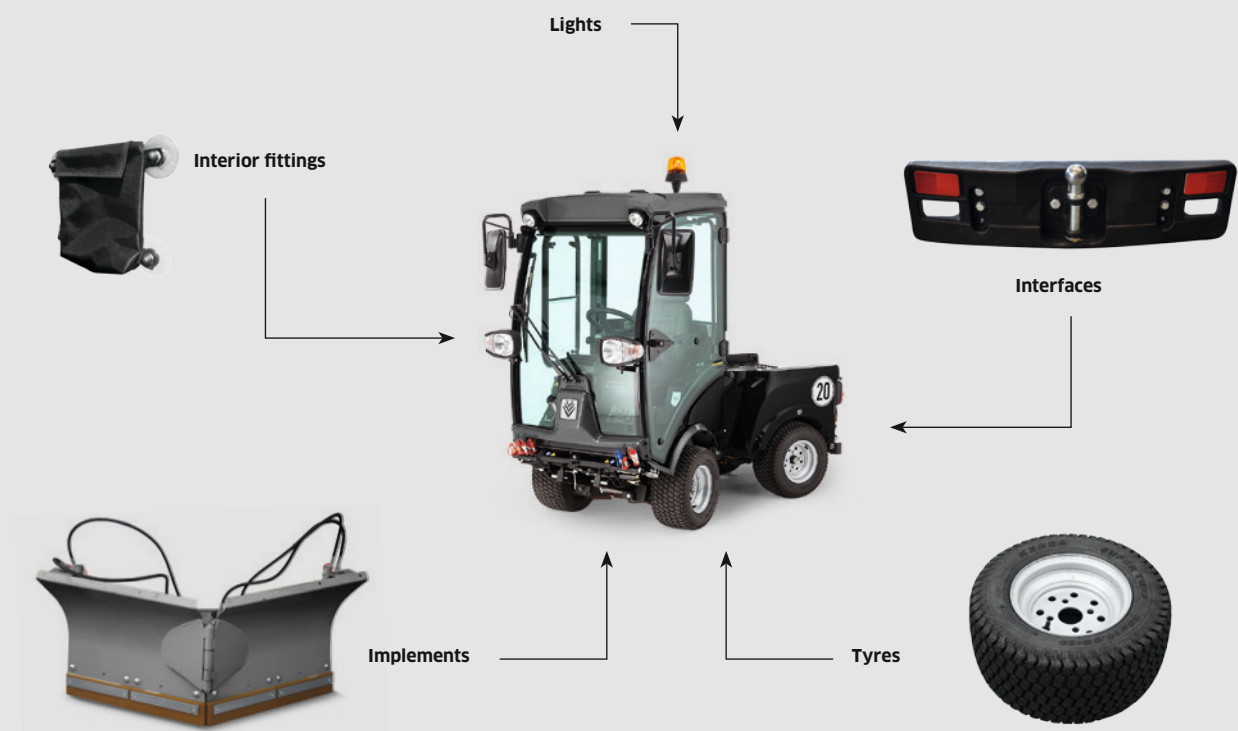
The quick-change system allows implements to be changed quickly and easily by one person. In less than 5 minutes, the machine can be converted from a sweeper to a mower or for winter service.



#### 4 Hot and cold

Heating and air conditioning come as standard with the MIC 34 C and offer first-class working comfort in hot and cold weather.

CONFIGURATION OF THE MIC 34 MACHINE



MIC 34 C

- Comfort seat with fabric cover
- Heating
- Air conditioning

Technical data		
Drive/Engine		4-stroke turbo diesel engine / Kubota
Power		24 kW / 34 hp
Speed	km/h	20
Turning radius (inside)	m	0.75
Dimensions (L × W × H)	mm	2410 × 1080 × 1969
Total permissible weight	kg	1750
Net weight	kg	850
Equipment		
Cabin		■
Radio (incl. CD, MP3)		□
Heating		■
Air conditioning		■
Driver's seat		Fabric
Comfort seat with air suspension		□
Order No.	1.442-210.2	

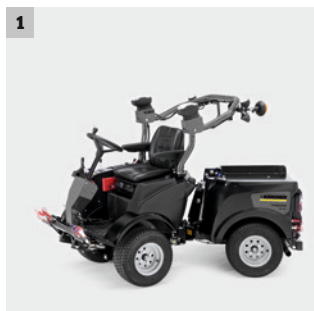
■ Included in delivery. □ Optional accessories.

## COMPACT CLASS



### The convertible in the compact class

The MIC 26 C without cabin offers drivers a perfect all-round view of implements and the surrounding area. A huge advantage, in particular for green care. The MIC 26 C is also available with fixed cabin. The optional professional sweeping system makes this sweeper suitable for use on pavements and roads.



#### 1 Certified safety

The ROPS-certified roll bar reliably protects the driver. For transport on trailers, the ROPS roll bar can simply be folded down.



#### 2 Light and sight

The MIC 26 C is available with driving and working lighting if required: 2 spotlights each at the front and rear for illuminating the road or work area and a flashing beacon.



#### 3 Generous storage space

The storage compartment under the driver's seat offers sufficient space for the driver's personal items and vehicle documents.



#### 4 Enhanced performance

The unique Kärcher vacuum sweeper system is available ex works or can easily be retrofitted as required. The waste container can be removed using a trolley. The side brushes can easily be fitted or removed with the quick-change system. The suction tube can even be removed with one hand.

# CONFIGURATION OF THE MIC 26 C MACHINE



MIC 26 C Adv			MIC 26 C		
Technical data					
Drive/Engine		4-stroke diesel engine / Yanmar		4-stroke diesel engine / Yanmar	
Power		19.2 kW / 26 hp		19.2 kW / 26 hp	
Speed	km/h	20		20	
Turning radius (inside)	m	0.75		0.75	
Dimensions (L × W × H)	mm	2410 × 1090 × 1970		2281 × 1069 × 1984	
Total permissible weight	kg	1750		1750	
Net weight	kg	850 (without sweeping system)		750	
Equipment					
Cabin		■		-	
Rollover protection		-		■	
Heating		■		-	
Air conditioning		□		-	
Driver's seat		Imitation leather		Imitation leather	
Comfort seat with air suspension		□		-	
Order No.		1.442-212.2		1.442-212.2	

■ Included in delivery. □ Optional accessories.



## IMPLEMENTS



MIC 34 C, sweeping



MIC 34 C, winter service



MIC 50, flail mower



MIC 34 C, weed brush



MIC 50, watering system



MIC 50, front sweeper



MIC 26 C, rotary mower



MIC 50, weed removal



MIC 50, V-plough



MIC 26 C, watering system



MIC 50, rotary mower



MIC 50, rear mounted spreader





MC 130, sweeping



MIC 84, mowing-suction combination



MIC 84, mounted spreader



MC 130, Vario snow plough



MIC 84, front reach arm



MIC 84, snow plough



MC 130, scrubbing deck



MIC 84, weed brush



MIC 84, snow thrower



MIC 84, rotary mower



MIC 84, asphalt cutting machine



MIC 84, front loader

# BATTERY-POWERED MACHINES WITH 50 V TECHNOLOGY

## One battery system, a thousand possibilities



The battery-powered leaf blower, string trimmer and chainsaw from Kärcher impress with power and lightness. Thanks to the lithium-ion batteries and 50 V technology, they offer numerous advantages compared with petrol machines, which make work easier and protect both the operator and the environment. Park & City Solutions from Kärcher – impressive endurance and power.



**50V technology**



1

### 1 Batteries in different performance classes

Batteries in different performance classes are available for our Park & City Solutions machines to suit individual requirements, and thanks to 50 V technology they charge up to 50% faster than standard lithium-ion batteries.



2

### 2 Battery backpack Bp 2400 Adv

With a power reserve of 1,169 Wh, the battery backpack delivers sufficient power for long periods of uninterrupted use. The battery normally lasts a whole day without needing replacement.



3

### 3 Suitable for all machines

The lithium-ion batteries with 50 V technology are suitable for all battery-powered machines from Kärcher, are quick and easy to replace and therefore ready to use when required.



4

### 4 Charge level indicator

Via different coloured LEDs on the 50 V batteries, the operator can see the current charge level at a glance.



**Bp 2400 Adv****Bp 800 Adv**

■ Compatible with all Kärcher Park &amp; City Solutions machines

■ Compatible with all Kärcher Park &amp; City Solutions machines

**Technical data**

<b>Voltage</b>	<b>V</b>	50	50
<b>Capacity</b>	<b>Ah</b>	24	7.5
<b>Energy</b>	<b>Wh</b>	1169	375
<b>Weight</b>	<b>kg</b>	7.6	2.87
<b>Charging time</b>	<b>min</b>	-	60
<b>Order No.</b>		<b>2.852-204.0</b>	<b>2.852-189.0</b>

**Bp 400 Adv****Bp 200 Adv**

■ Compatible with all Kärcher Park &amp; City Solutions machines

■ Compatible with all Kärcher Park &amp; City Solutions machines

**Technical data**

<b>Voltage</b>	<b>V</b>	50	50
<b>Capacity</b>	<b>Ah</b>	4	2
<b>Energy</b>	<b>Wh</b>	200	100
<b>Weight</b>	<b>kg</b>	2.21	1.26
<b>Charging time</b>	<b>min</b>	30	25
<b>Order No.</b>		<b>2.852-184.0</b>	<b>2.852-183.0</b>

**Battery charger: BC Adv**

■ Compatible with all Kärcher Park &amp; City Solutions batteries

**Technical data**

<b>Voltage</b>	<b>V</b>	220-240
<b>Frequency</b>	<b>Hz</b>	50
<b>Power</b>	<b>W</b>	550
<b>Weight</b>	<b>kg</b>	1.9
<b>Order No.</b>		<b>2.852-182.0</b>

# LEAF BLOWERS

## Better together: leaf blowers and municipal vehicles



Untiring, economical, environmentally friendly and very, very quiet: our battery-powered alternative to petrol leaf blowers is an ideal addition to Kärcher municipal vehicles in the day-to-day removal of leaves, refuse and dirt – particularly in hard-to-reach places and also at night after events. Batteries and battery chargers must be ordered separately.



### 1 Infinitely adjustable speed

- For convenient and needs-based adjustment of the blower speed.



### 2 Turbo button for short-term performance increase

- Maximum blower speed for the removal of especially sticky leaves and stubborn dirt residues.



### 3 Full compatibility of the battery with all machines in the Kärcher Park & City Solutions range

- Maximum flexibility. The compatible battery can be quickly switched to other machines.



### 4 No emissions of harmful substances or CO<sub>2</sub>

- Environmentally friendly and user-friendly. No petrol smells while working.

# TECHNICAL DATA AND EQUIPMENT

## LB 850 Bp

- Battery compatible with all machines in the Kärcher Park & City Solutions range
- Infinitely variable speed control
- "Turbo button" for brief performance increase

### Technical data

Voltage	V	50
Dimensions (L × W × H)	mm	905 × 165 × 270
Weight	kg	2.34
Guaranteed sound power level	dB(A)	95
Sound pressure level (ΔK = 2.5 dB(A))	dB(A)	82
Vibration values (K=1.5 m/s <sup>2</sup> )	m/s <sup>2</sup>	1.07
Air speed	m/s	40
Air throughput	m <sup>3</sup> /h	816
Run time with Bp 200 Adv (max.)	min.	60
Run time with Bp 400 Adv (max.)	min.	120
Run time with Bp 800 Adv (max.)	min.	225
Run time with Bp 2400 Adv (max.)		-
Order No.	1.442-110.0	
Price		

### Accessories

Product name	Order No.	Description	Price
Safety goggles set	6.025-488.0	Sporty and innovative safety goggles with clear, contrast-enhancing lenses with sun protection for work and leisure. Soft temple tips ensure a pressure-free fit. Lenses are anti-scratch and made to last, with an anti-mist coating on the inside so that the goggles do not mist up. Temples are adjustable and lenses are easy to change.	

# CHAINSAW



## Zero-emission power – every day

Battery-powered, no fumes, hardly any vibrations, yet a fully fledged chainsaw: the CS 330 Bp with innovative 50 V technology impresses with easy handling and high performance. It is so quiet that it can even be used in noise-sensitive areas at any time. Batteries and battery chargers must be ordered separately.



### 1 User-friendly, automatic chain lubrication

- Lower maintenance effort with optimal lubrication of the chain and longer service life.



### 2 Maximum safety thanks to electric chain brake

- For maximum safety, the chain immediately stops if it comes into contact with the front hand guard.



### 3 Full compatibility of the battery with all machines in the Kärcher Park & City Solutions range

- Maximum flexibility. The compatible battery can be quickly transferred to other machines as needs require.



### 4 No emissions of harmful substances or CO<sub>2</sub>

- Environmentally friendly and user-friendly. No petrol smells while working.



# TECHNICAL DATA AND EQUIPMENT

## CS 330 Bp

- Battery compatible with all machines in the Kärcher Park & City Solutions range
- Automatic chain lubrication
- Electric chain brake

### Technical data

Voltage	V	50
Dimensions (L × W × H)	mm	780 × 240 × 247
Weight	kg	3.76
Guaranteed sound power level	dB(A)	99
Sound pressure level (ΔK = 2.5 dB(A))	dB(A)	86
Vibration value of front handle (K=1.5 m/s <sup>2</sup> )		-
Guide rail	cm	35
Chain pitch		3/8"
Chain speed	m/s	12
Run time with Bp 200 Adv (max.)	cuts	108
Run time with Bp 400 Adv (max.)	cuts	216
Run time with Bp 800 Adv (max.)	cuts	405
Run time with Bp 2400 Adv (max.)		-
Order No.		1.442-111.0
Price		

# STRING TRIMMER



## Precise working. Even in tight spaces

Mowing in inaccessible, sloping or tight spaces and corners? With our battery-powered string trimmer ST 400 Bp, green care could not be easier. Wherever you go, it goes. Thanks to its light-weight design, it makes work easier in any situation – the perfect addition to Kärcher municipal vehicles in daily use. Batteries and battery chargers must be ordered separately.

**NEW**



### 1 Ergonomic two-handed grip

- Work comfortably for long periods without getting tired.



### 2 Comfortable double-shoulder strap

- Work more easily for long periods.



### 3 Full compatibility of the battery with all machines in the Kärcher Park & City Solutions range

- Maximum flexibility. The compatible battery can be quickly switched to other machines.



### 4 No emissions of harmful substances or CO<sub>2</sub>

- Environmentally friendly and user-friendly. No petrol smells while working.

# TECHNICAL DATA AND EQUIPMENT

## ST 400 Bp

- Battery compatible with all machines in the Kärcher Park & City Solutions range.
- Ergonomic two-handle handlebar
- Comfortable double-shoulder strap

### Technical data

Voltage	V	50
Dimensions (L × W × H)	mm	1807 × 621 × 562
Weight	kg	3.4
Cutter		Line head
Thread diameter	mm	2.4
Cutting circle diameter	mm	380
Overall length without cutter		-
Run time with Bp 200 Adv (max.)	min.	25
Run time with Bp 400 Adv (max.)	min.	50
Run time with Bp 800 Adv (max.)	min.	90
Run time with Bp 2400 Adv (max.)		-
Order No.		1.442-112.0
Price		

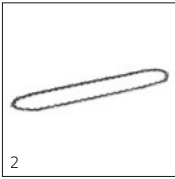
## OUR MACHINES GROW WITH YOUR TASKS.



Even more efficient, safe and environmentally friendly: we offer a wide range of accessories for Park & City Solutions machines from Kärcher – from protective gear to consumables. Precisely adapted for the specific machine, as well as quick and easy to use.

		Order No.	Voltage	Frequency	Power	Weight	Price	Description
<b>Park &amp; City Solutions</b>								
Double-shoulder strap	1	6.990-516.0						Our optional ergonomic double-shoulder strap allows long periods of effortless use of the battery-powered leaf blowers and string trimmer in the Kärcher Park & City Solutions range. The carrying frame and soft shoulder pads distribute the weight of the machines over several points of contact, considerably reducing the strain on the operator and making work much easier.
Chainsaw chain	2	6.990-467.0						With a chain pitch of 3/8", the chainsaw chain 90PX052X from our renowned partner Oregon is the ideal replacement for the chain of the battery-powered chainsaw CS 330 Bp.
Helmet head protection combination	3	6.990-527.0						Consisting of a sturdy helmet certified according to DIN EN 397, with mesh visor and ear defenders, this safety helmet set offers effective protection against the dangers associated with tree felling, for example, when using our battery-powered chainsaw CS 330 Bp. Excellent fit and low weight ensure maximum comfort.
Organic chainsaw oil	4	6.990-531.0						Kärcher organic chainsaw oil effectively protects the joints and links of the battery-powered chainsaw CS 330 Bp against wear and tear and extends the life of the chain. This chainsaw oil is produced from high-quality vegetable oils and offers excellent adhesion and lubricating properties up to a temperature of -30°C. It also biodegrades rapidly and has even been awarded Blue Angel certification.
<b>Battery charger</b>								
Battery charger BC Adv, 220-240V	5	2.852-182.0	220-240 V	50 Hz	550 W	2.1 kg		Thanks to the innovative 50 V technology from Kärcher, the quick charger BC Adv charges the batteries of Kärcher Park & City Solutions machines up to 50% faster than standard chargers available on the market. The charging progress is indicated by the charge status display on the compact and lightweight charger.

□ Available accessories. More Kärcher original accessories can be found on the following pages.



			LB 850 Bp	CS 330 Bp	ST 400 Bp
	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2			<input type="checkbox"/>	
	3			<input type="checkbox"/>	<input type="checkbox"/>
	4			<input type="checkbox"/>	
	5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## EVERYTHING FOR A CLEAN VEHICLE

You know what you want. The ideal system for interior and exterior cleaning of cars and commercial vehicles, designed for high efficiency, long service life and perfect cleaning results, with low water consumption and eco-friendly features. Just what you need: our gantry car washes and self-service wash systems. Tailored precisely to suit your requirements.



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**Self-service vacuum cleaners from Kärcher: efficiency meets ergonomics**

Easy handling, uncompromising cleaning performance, sophisticated ergonomics, innovative design: our self-service vacuum cleaners impress across the board. We also offer configuration options tailored to suit individual requirements.


For example, our optimised suction nozzle, which reaches into even the smallest corners in vehicles. Or the user-friendly hose guidance. Our new concept ensures easier, better and simply more convenient handling when vacuuming.

# OVERVIEW


Wash systems from Kärcher: we offer a system solution to suit any location and requirements. Sophisticated, efficient, powerful and tailored to suit your specific requirements.

	Price	Order No.	Washing height (mm)	Fresh water connection (l/min, bar)	Power input (kW)	Supply voltage (~ / V / Hz)
 	<b>Gantry car washes</b>					
		On request	2800 / 2500 / 2300	100, 4-6	22	3 / 400 / 50
		On request	2800 / 2500 / 2300	min. 50, 4-6	8 / 16*	3 / 400 / 50
	<b>Commercial vehicle washes</b>					
		On request	5050	100, 4-6	5.3	3 / 400 / 50
		On request	4600	100, 4-6	5.3	3 / 400 / 50
		On request	4250	100, 4-6	5.3	3 / 400 / 50
		On request	3600	100, 4-6	5.3	3 / 400 / 50
		1.826-405.0 1.826-415.0 1.826-425.0	4205	80, 3-6	1.15	3 / 400 / 50 3 / 230 / 50 1 / 240 / 50
		1.826-205.0 1.826-215.0 1.826-225.0	3645	80, 3-6	1.15	3 / 400 / 50 3 / 230 / 50 1 / 240 / 50


\* Without / with side dryer.

	Price	Order No.	Material	Flow rate (l/h)	Working pressure (bar)	Operating temperature (°C)	Supply voltage (~ / V / Hz)	Dimensions (L x W x H in mm)
	<b>Self-service prewash units</b>							
		1.319-219.0	Stainless steel	740	150	0-40	3/400/50	1070 x 727 x 1360
		1.319-218.0	Steel coated	740	150	0-40	3/400/50	1070 x 727 x 1360
		1.319-217.0	Stainless steel	900	150	0-40	3/400/50	1070 x 727 x 1360
		1.319-216.0	Steel coated	900	150	0-40	3/400/50	1070 x 727 x 1360
		1.319-215.0	Stainless steel	660	110	0-40	3/400/50	1070 x 727 x 1360
		1.319-214.0	Steel coated	660	110	0-40	3/400/50	1070 x 727 x 1360

\* Per pump.


	Price	Order No.	Number of wash bays	Material	Flow rate (l/h)	Working pressure (bar)	Operating temperature (°C)	Hot water temperature (°C)	Supply voltage (~ / V / Hz)
	<b>Self-service wash systems</b>								
		On request	4-8		900 / 500*	120 / 100	max. 40	max. 60	3 / 400 / 50
		On request	2-4		900 / 500*	120 / 100	max. 40	max. 60	3 / 400 / 50
		1.319-202.0	1	Stainless steel	500	100	-20 to +40	max. 60	3 / 400 / 50
		1.319-203.0	1	Stainless steel	500	100	-20 to +40	max. 60	3 / 400 / 50
		1.319-201.0	1	Steel powder-coated in RAL 7012	500	100	-20 to +40	max. 60	3 / 400 / 50
		1.319-204.0	1	Steel powder-coated in RAL 7012	500	100	0 to +40	max. 60	3 / 400 / 50

\* Per pump.



	Price	Order No.	Power input (kW)	Protection class (IP)	Supply voltage (~ V / Hz)	Dimensions (L × W × H in mm)
<b>Forecourt units*</b>						
AWT		1.534-902.0	0.45	44	1 / 230 / 50	423 × 423 × 1550
AWT Fp		1.534-903.0	0.45	44	1 / 230 / 50	423 × 423 × 1550
AWT-C		1.534-912.0	0.45	44	1 / 230 / 50	423 × 423 × 1550
AWT-C Fp		1.534-913.0	0.45	44	1 / 230 / 50	423 × 423 × 1550
AT		1.534-900.0	0.45	44	1 / 230 / 50	423 × 423 × 1550
AT Fp		1.534-901.0	0.45	44	1 / 230 / 50	423 × 423 × 1550
AT-C		1.534-910.0	0.45	44	1 / 230 / 50	423 × 423 × 1550
AT-C Fp		1.534-911.0	0.45	44	1 / 230 / 50	423 × 423 × 1550
PT		1.534-908.0	0.30	44	1 / 230 / 50	423 × 423 × 1551
PT Fp		1.534-909.0	0.30	44	1 / 230 / 50	423 × 423 × 1551
MA 80		1.534-904.0	0.40	44	1 / 230 / 50	1064 × 508 × 1065
MA 80 S		1.534-905.0	0.40	44	1 / 230 / 50	1064 × 508 × 1065
MA 80-3		1.534-906.0	0.40	44	3 / 400 / 50	1064 × 508 × 1065
MA 80-3 S		1.534-907.0	0.40	44	3 / 400 / 50	1064 × 508 × 1065

\* Please check whether a calibrated machine is required according to legislation in the country of use.



	Price	Order No.	Number of vacuum bays	Electronic coin acceptor	Air flow rate (l/s)	Vacuum (mbar)	Dirt container capacity (l)	Power input (kW)	Supply voltage (~ V / Hz)	Dimensions (L × W × H in mm)
<b>Self-service vacuum cleaners</b>										
SB VC 2 Ec	■	On request	2	■	2 × 63	2 × 244	36	2 × 1.38	1 / 230 / 50 / 60	600 × 1080 × 2200
SB VC 1 Ec	■	On request	1	■	63	244	36	1.38	1 / 230 / 50 / 60	600 × 650 × 2200
SB VC 2	■	On request	2	■	2 × 74	2 × 254	2 × 36	2 × 1.38	1 / 230 / 50 / 60	600 × 1080 × 2200
SB VC 1	■	On request	1	■	74	254	36	1.38	1 / 230 / 50 / 60	600 × 650 × 2200

■ NEW ■ Included in delivery.



### 1 Gantry car washes

A machine concept that is well thought out in every detail and that combines excellent reliability and minimal maintenance effort with optimal accessibility and easy operation. The system can be individually adapted to suit local conditions and specific customer requirements.





## 2 Commercial vehicle washes

There are no compromises when it comes to the operation of commercial vehicle washes. The use of hot-dip galvanised steel constructions, belt and direct drives as well as intelligent Can Bus controls makes these Kärcher systems reliable, efficient and durable. The equipment and operation of the system can be tailored to suit individual customer requirements.

## 3 Self-service wash systems

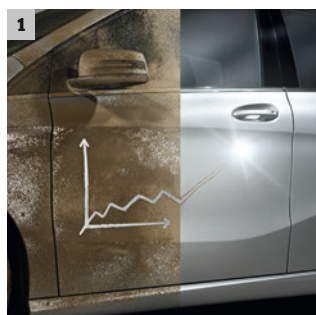
Kärcher, pioneer of the high-pressure wash, offers a complete product range for this application area. From self-service multi bay units to self-service single bay units, forecourt units and self-service vacuum cleaners.

# 5-BRUSH GANTRY



## Kärcher CB 5: maximum performance in the smallest space

The alternative for sites with a volume of more than 1,200 washes per month. Operators profit from express washes in only two passes and increased vehicle throughput with much shorter customer waiting times.



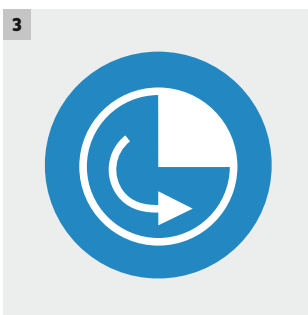
### 1 Express wash

The express wash is ideal for lightly soiled vehicles. Vehicles are washed and dried in only two passes, waiting time for customers is kept to a minimum and profits increase at the same time.



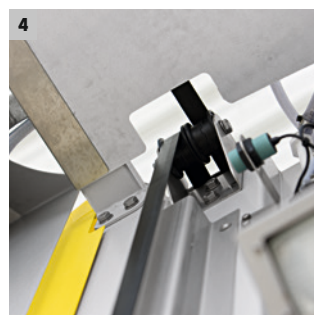
### 2 Compact and the perfect fit

The CB 5 fits easily into a standard wash hall (hall length 10 m) – without any additional assembly and installation costs. The perfect alternative for short tunnels.



### 3 High vehicle throughput

Comparably low investment costs are paid back very quickly due to the high vehicle throughput. The result is profit and satisfied customers.



### 4 Low-maintenance technology

Bearings and guides, side brush inclination with direct drives and flat belts for lifting movements are extremely low-maintenance and therefore generate virtually no extra costs.



# EQUIPMENT OPTIONS AND TECHNICAL DATA

Intelligent start and operating systems

Different covering packages and individual design options

Powerful drying

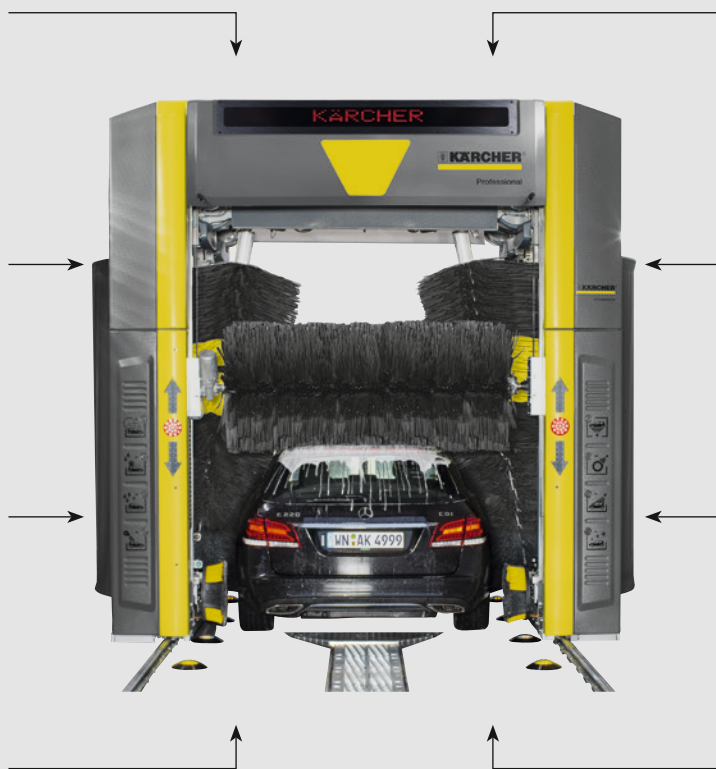
Different high-pressure versions

Different brush materials

Effective wheel wash

Powerful under chassis wash

Efficient operation with water reclamation systems



## CB 5

Technical data		
Wash heights	mm	2800 / 2500 / 2300
Plant height	mm	3715 / 3415 / 3215
Fresh water connection	l/min, bar	100, 4-6
Power input	kW	22
Power supply	Ph / V / Hz	3 / 400 / 50



### Shiny rims

VehiclePro Rim Foam RM 802 removes stubborn dirt and brake dust effortlessly and gently. It contributes to customer satisfaction and increases the attractiveness of the location.



### Gentle brush wash

Dirt remaining on the vehicle after the prewash is removed thoroughly and gently by the brush wash and VehiclePro Brush Shampoo RM 811.



### Super Finish

With VehiclePro Foam Polish RM 837, the Super Finish programme produces gleaming results: visible long-lasting protection that lasts for up to 10 more washes.



### Perfect drying

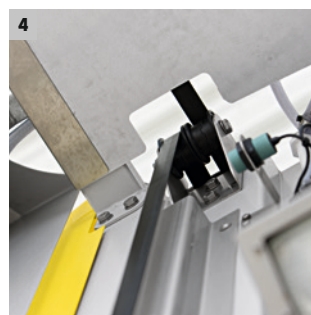
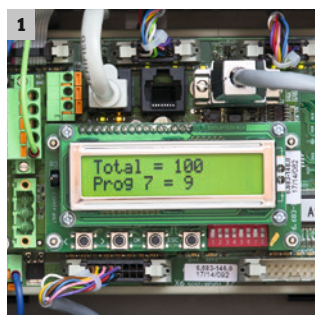
VehiclePro Drying Aid RM 829 in combination with our powerful dryers ensures spotless drying results.

## 3-BRUSH GANTRY



### The Kärcher CB 3: flexible, fast and economical

Fast can be this flexible. Economical can be this fast. And flexible can be this economical. The CB 3 combines these three attributes in a gantry car wash that leaves nothing to be desired. The CB 3 is also available as a Takt system (downstream gantry for washing and drying two vehicles at the same time).



#### 1 Kärcher Fleet-compatible control

The intelligent control allows connection of the CB 3 to Kärcher Fleet, our cloud-based data management system, which supplies all relevant system data in real time.

#### 2 Water saving function

Fresh water consumption is reduced by about 60% per wash. A contribution towards conserving natural resources and reducing costs for operators.

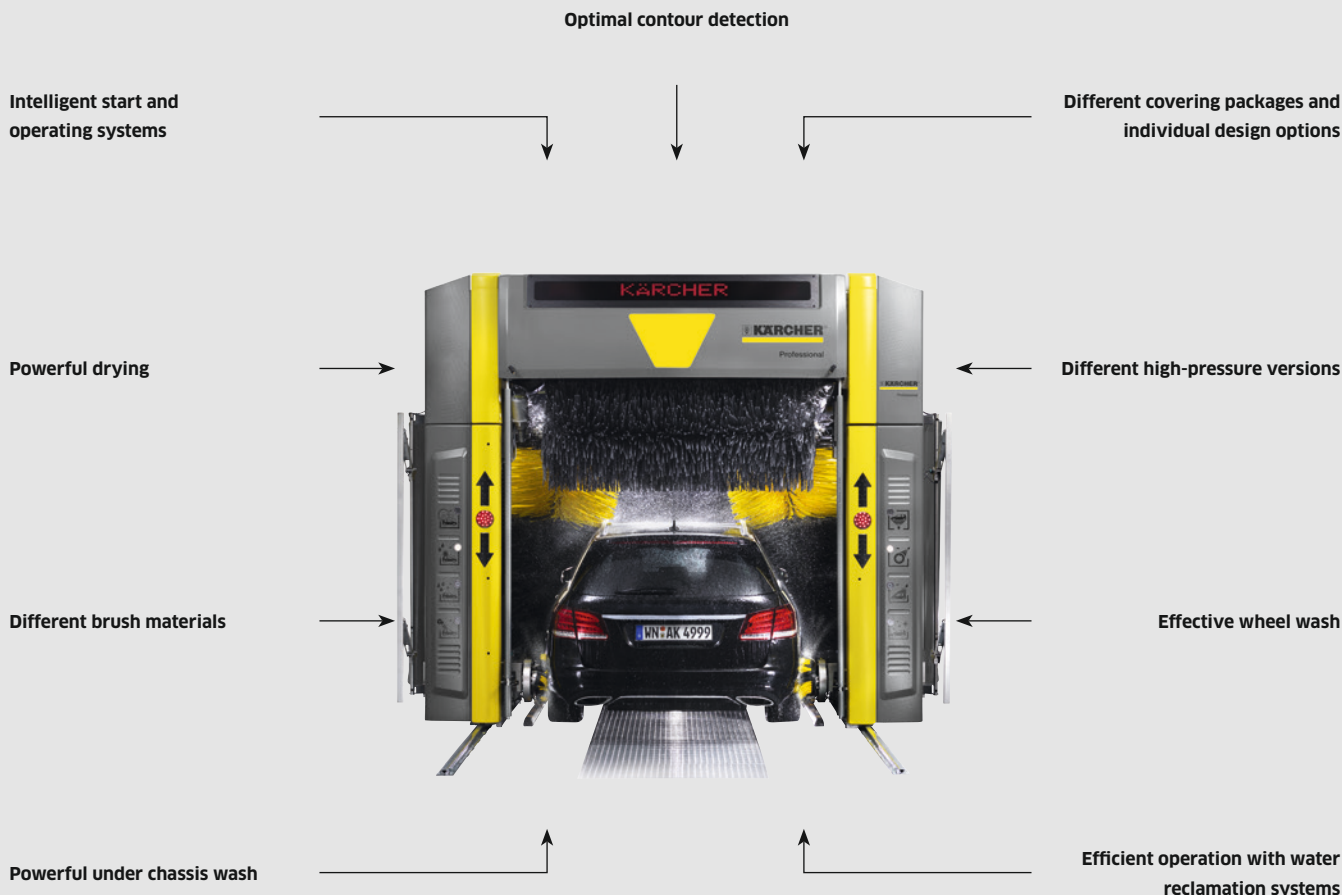
#### 3 High-pressure pump onboard

This powerful high-pressure module (1,300 l/h, 70 bar) is mounted on the gantry, obviating the need for an additional technical room.

#### 4 Low-maintenance technology

Low-maintenance technology, including bearings and guides, side brush inclination with direct drives and the flat belt for lifting movements, reduces service costs considerably.

# EQUIPMENT OPTIONS AND TECHNICAL DATA



## CB 3

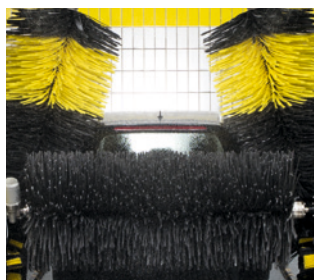
Technical data		
Wash heights	mm	2800 / 2500 / 2300
Plant height*	mm	3715 / 3415 / 3215
Fresh water connection	l/min, bar	min. 50, 4-6
Power input**	kW	8 / 16
Power supply	Ph / V / Hz	3 / 400 / 50

\* For gantries with "Basic" covering package without front cover, the plant height is reduced by 65 mm. \*\* Without / with side blower. Technical data refers to the CB 3, data for the CB 3 as a Takt gantry varies accordingly.



### Shiny rims

VehiclePro Rim Foam RM 802 removes stubborn dirt and brake dust thoroughly and gently. Shiny rims increase both customer satisfaction and customer numbers.



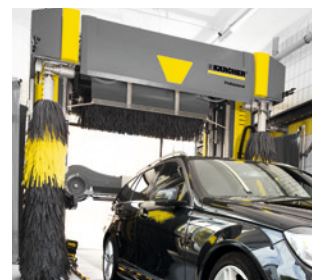
### Gentle brush wash

The combination of our effective brush wash and VehiclePro Brush Shampoo RM 811 removes residual contamination after the prewash effortlessly, gently and effectively.



### Super Finish

In combination with VehiclePro Foam Polish RM 837, the Super Finish programme gives the paintwork visible, long-lasting protection.



### Perfect drying

Rinsing with the drying aid VehiclePro RM 829 and subsequent drying with our powerful dryer ensures optimal results.

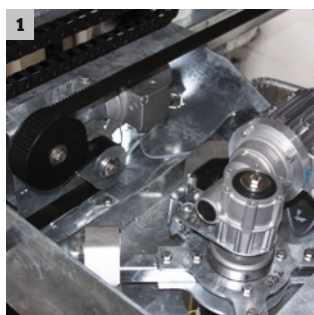


## 3-BRUSH COMMERCIAL VEHICLE WASH



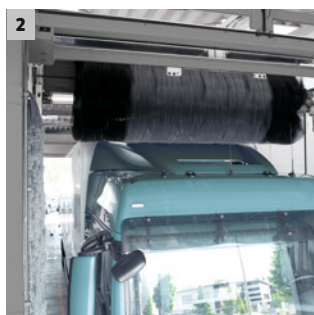
### Kärcher TB: economical and reliable

Fast, thorough and efficient, user-friendly, low-maintenance and reliable – the innovative and powerful commercial vehicle wash for cleaning different vehicle types used by forwarding agencies, contract cleaners, car dealers and municipal authorities.



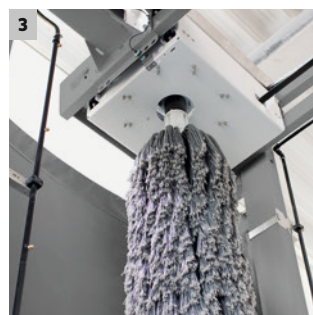
#### 1 Low-maintenance

Reliable belt and direct drives make lubrication of the system unnecessary.



#### 2 Outstanding variability

The height and width of each basic version are variable. The height can be reduced by up to 300 mm (in 100 mm steps) and the width per side by up to 100 mm. The wash height and width change accordingly.



#### 3 Trouble-free washing

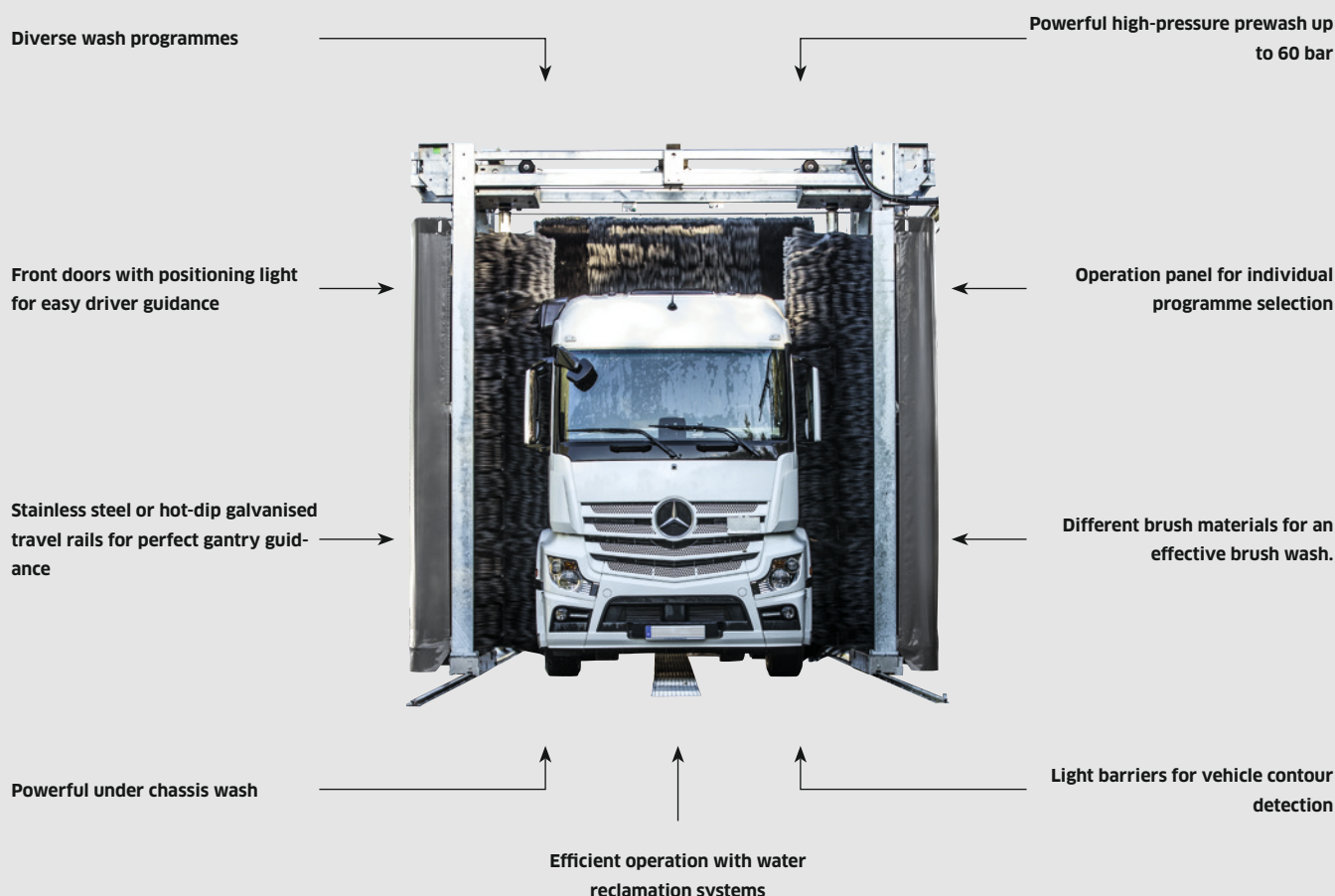
Sophisticated solutions ensure a trouble-free wash. The patented side brush bearing allows the brushes unhindered freedom of movement in all directions, which prevents the shafts from bending. The contact pressure of the side brushes can be individually adapted to suit the particular vehicle which, in interaction with the precise contour detection, ensures optimal washing results.



#### 4 Maximum flexibility

The innovative, universal Can Bus control ensures quick and easy installation and flexible wash programme configuration.

# EQUIPMENT OPTIONS AND TECHNICAL DATA



		TB 50	TB 46	TB 42	TB 36
<b>Technical data</b>					
<b>Wash height</b>	mm	5050	4600	4250	3600
<b>Plant height without splash guard</b>	mm	5989	5539	5189	4539
<b>Plant height with splash guard</b>	mm	6047	5597	5247	4597
<b>Fresh water connection</b>	l/min, bar	100, 4-6	100, 4-6	100, 4-6	100, 4-6
<b>Power input</b>	kW	5.3	5.3	5.3	5.3
<b>Power supply</b>	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50



## Perfect prewash

Dirt in hard-to-reach areas is removed quickly, easily and cost-effectively via a manual prewash.



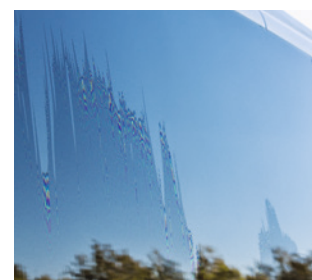
## Individual programme selection

Based on the vehicle type, a suitable programme can be individually selected via a large, robust and clearly arranged operation panel.



## Effective brush wash

The combination of brush wash and our VehiclePro Brush Shampoo RM 811 effectively removes dirt remaining on the vehicle after pre-cleaning.



## Optimal drying

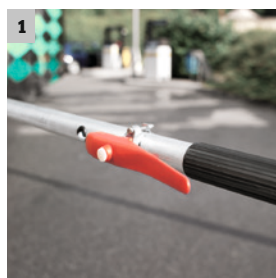
For optimal drying, VehiclePro Liquid Leather RM 833 can be used as an additional option.

# MOBILE SINGLE BRUSH COMMERCIAL VEHICLE WASH



## Kärcher RBS 6000: economical for small vehicle fleets

For quick and easy vehicle cleaning for small fleets: the mobile single brush commercial vehicle wash for targeted cleaning of the front, rear and sides of buses and vans. Cleaning takes place with a rotating brush that moves around the vehicle.



### 1 Easy to use

- Assisted by the rotating brush, the operator can easily move the system forward using the control and safety handle.
- The brush stops rotating when the handle is released.

### 2 Optimal washing results

- Kärcher cleaning agent can be added as required via a dosing pump.

		RBS 6014	RBS 6012
<b>Technical data</b>			
Wash height	mm	4205	3645
Plant height	mm	4370	3810
Fresh water connection	l/min / bar	80 / 3-6	80 / 3-6
Power input	kW	1.15	1.15
Voltage	V	400   230   240	400   230   240
Frequency	Hz	50	50
Number of current phases	Ph	3   3   1	3   3   1
Order No.		1.826-405.0   -415.0   -425.0	1.826-205.0   -215.0   -225.0

<b>Equipment</b>			
Dosing pump	3.637-162.0	■ / ■ / ■	■ / ■ / ■
Water hose/power cable	4.440-265.0	□ / □ / □	□ / □ / □
Hose trolley incl. water hose/power cord	2.637-191.0	□ / □ / □	□ / □ / □
Connection piece for on-site energy supply from above	2.638-100.0	□ / □ / □	□ / □ / □
High wheel set for use on uneven floor areas	2.638-762.0	□ / □ / □	□ / □ / □

■ Included in delivery. □ Optional accessories. Additional versions and equipment possibilities available on request.



# SELF-SERVICE PREWASH UNIT

## Kärcher HDS-C: for the perfect prewash



Whether for building contractors, forwarding agencies, rental parks, workshops, coach tour operators or leisure facilities – wherever flexibility is essential for business, Kärcher HDS-C stationary hot water high-pressure cleaners with easy programme selection and individual equipment are indispensable.



### 1 Tailor-made solutions

- We also offer several self-service prewash unit solutions that are tailored to suit your individual requirements. For example, specifically tailored prewash units for gantry car washes or commercial vehicle washes.

### HDS-C 8/15 E stainless steel   HDS-C 9/15 stainless steel   HDS-C 7/11 stainless steel HDS-C 8/15 E steel-coated   HDS-C 9/15 steel-coated   HDS-C 7/11 steel-coated

Technical data					
Flow rate	l/h	740	900	660	
Working pressure	bar / MPa	150 / 15	150 / 15	110 / 11	
Power input	kW	29.6	6.8	3.2	
Fuel consumption	kg/h	-	6.9	4.9	
Power supply	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	1 / 230 / 50	
Dimensions (L × W × H)	mm	1040 × 727 × 1360	1040 × 727 × 1360	1040 × 727 × 1360	
Order No.		1.319-219.0   -218.0	1.319-217.0   -216.0	1.319-215.0   -214.0	
Equipment					
Spray gun (Easy Press)	4.775-448.0	■	■	■	
Servo Press controller	4.775-470.0	□	□	□	
High-pressure hose (10 m)	6.389-856.0	■	■	■	
Lance (1050 mm)	4.760-550.0	■	■	■	
Lance holder	2.641-310.0	□	□	□	
Swivelling boom (height 3600 mm)	2.641-323.0	□	□	□	
+ pump connector kit for swivelling boom	2.641-362.0	□	□	□	
High-pressure hose storage	2.641-320.0	□	□	□	
Mechanical coin acceptor for coins measuring 21.75 × 2.7 mm	2.641-297.0	□	□	□	
Impulse counter	2.641-333.0	□	□	□	
Coins (21.75 × 2.7 mm), P.U. (packaging unit) 100 pcs.	6.768-337.0	□	□	□	

■ Included in delivery. □ Optional accessories. Additional versions and equipment possibilities available on request.

# SELF-SERVICE MULTI BAY UNIT



## Kärcher SB MU: modular for up to 8 wash bays

More flexibility is not possible: the modular concept of the Kärcher SB MU offers self-service wash centres maximum freedom of configuration (between 4 and 8 wash bays, anything is possible) and adaptation to local conditions.



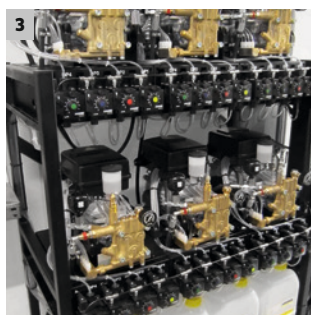
### 1 Reliable functionality

Pneumatic dosing pumps ensure process safety and guarantee a trouble-free wash at every wash bay, even during peak times.



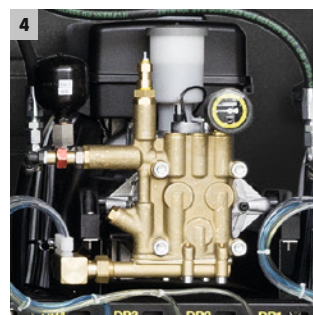
### 2 Diverse programme options

Additional options such as the foam polish wash programme or the switchable wet/dry foam ensure greater flexibility and increase the attractiveness of the location.



### 3 Easy, time-saving and cost-saving installation on site

The pump modules are pre-mounted on a frame upon delivery and undergo extensive function testing.



### 4 Optimal energy efficiency

Pole-changing and water-cooled pumps use their waste heat to heat the wash water and thus reduce energy use and costs.

# EQUIPMENT OPTIONS AND TECHNICAL DATA

Flexible, extended programming

Water softening and osmosis system

Washing tools for all requirements

Optimal frost protection

Highly practical washing tool storage device

Intelligent remote monitoring

Variable pump pressure and water volume

Individual water supply



## SB MU

### Technical data

Number of wash bays		4-8
Working pressure	bar	120 / 100
Flow rate per pump	l/h	900 / 500
Hot water temperature	°C	max. 60
Power input per pump	kW	4.7 / 2.8
Power supply	Ph/V/Hz	3 / 400 / 50



### Container version

Ready to use! The technical equipment can be arranged in a container and only needs to be installed and connected.

### Components version

Components are delivered and installed in a technical room on site.

## SELF-SERVICE MULTI BAY UNIT



### Kärcher SB MB: compact for up to 4 wash bays

The Kärcher SB MB is designed for the operation of up to 4 wash bays and can be individually configured to suit virtually any customer requirements. All parts of the unit that are susceptible to corrosion are made of stainless steel which, in addition to advanced and reliable technology, increases the service life and efficiency.



#### 1 Reliable dosing

Pneumatic dosing pumps ensure process safety and satisfied customers at every wash bay, even during peak times.



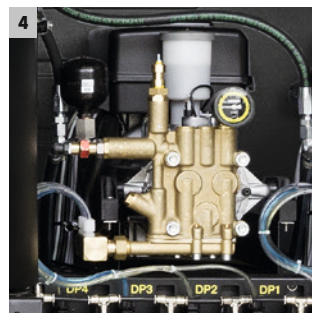
#### 2 Protection against theft and vandalism

For external protection, there is a high-quality security lock from BKS, which can easily be exchanged for a lock from your own locking system on request.



#### 3 Easy to service

Assemblies are easily accessible through the large front doors with detachable middle section – this saves maintenance time and your system is quickly ready to use again.



#### 4 Optimal energy efficiency

Energy use and costs remain low thanks to the pole-changing, water-cooled pumps, which use their waste heat to heat the washing water.

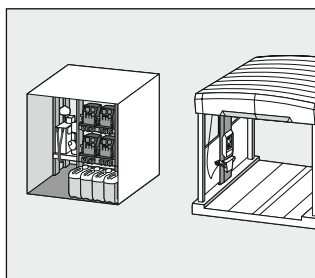
# EQUIPMENT OPTIONS AND TECHNICAL DATA



## SB MB

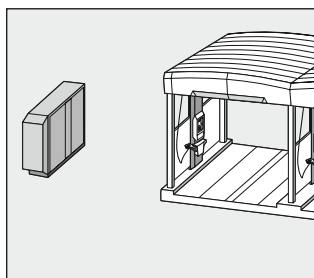
### Technical data

Number of wash bays		2-4
Working pressure	bar	120 / 100
Flow rate per pump	l/h	900 / 500
Hot water temperature	°C	max. 60
Power input per pump	kW	4.7 / 2.8
Power supply	Ph/V/Hz	3 / 400 / 50



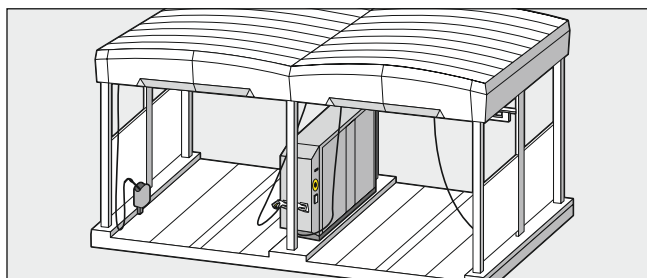
### Skid version

The technical equipment is pre-mounted on a frame and installed in a technical room on site.



### Cab version

Installation outside the wash bays. Simple programme selection via remote control location.



### Cab 1 and Cab 2 version

The Cab 1 version with combi washing tool (brush and high-pressure lance) or the Cab 2 version with separate washing tools (separate brush and high-pressure lance) are installed between the wash bays.

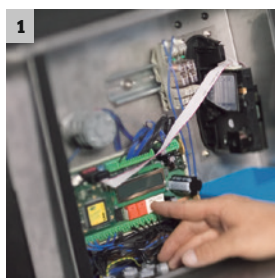


# SELF-SERVICE SINGLE BAY UNIT



## Kärcher SB Wash: complete cleaning in the smallest space

Low space and investment costs make the SB Wash ideal for entry into the professional self-service wash business.



### 1 Full control

- Remote data query at the push of a button.
- All relevant operating data available at a glance.

### 2 Technology built to last

- Water softeners prevent limescale deposits and contribute to the long service life of the system.

		SB Wash 5/10 Fp/Ws	SB Wash 5/10 Fp	SB Wash 5/10 Fp	SB Wash 5/10
<b>Technical data</b>					
Flow rate	l/h	500	500	500	500
Working pressure	bar	100	100	100	100
Operating temperature	°C	-20 to +40	-20 to +40	-20 to +40	0 to +40
Power supply	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Dimensions (L × W × H)	mm	1040 × 725 × 1375	1040 × 725 × 1375	1040 × 725 × 1375	1040 × 725 × 1375
<b>Equipment</b>					
Colour		Stainless steel	Stainless steel	Anthracite	Anthracite
Swivelling boom	2.641-323.0	■	□	■	□
Water softening and osmosis system	2.641-012.0	-	□	-	-
Integrated water softener unit		■	-	-	-
Separate brush programme with half load valve	3.640-262.0	□	□	□	□
Order No.		1.319-202.0	1.319-203.0	1.319-201.0	1.319-204.0
Price					

■ Included in delivery. □ Optional accessories. Additional versions and equipment possibilities available on request.



# STEEL FRAMEWORK



## Kärcher steel framework for self-service wash bays: highly functional

The modular concept of the Kärcher steel framework allows customised equipment of wash and care centres for 1 to 8 wash bays. The steel framework is available in two different versions: operators normally choose the light version. The heavy version is intended for regions with increased wind and snow loads.

WASH SYSTEMS



### 1 A range of roof versions

The curved roof is made of transparent polycarbonate – a trapezoidal version is also available.

### 2 Various separating wall material options

Available separating wall materials include glass, Trespa® or tarpaulin and can be arranged as required.

### 3 Lighting concept using LED technology

Reduces the power demand by 55% compared with conventional fluorescent tubes and extends the lamp life by 3 to 5 times. This sophisticated lighting concept with integrated feel-good effect also serves for customer orientation.

### 4 Customisation

The steel framework with special roof attachment enables the installation of advertising signs and attachment of your CI. The design shown is reserved exclusively for Clean-Park operators.

# FORECOURT UNITS



## Kärcher forecourt units: the attractive supplementary option

Kärcher forecourt units increase the attractiveness of your location, and therefore generate additional business.



**1 AWT - Air Water Tower**

Precise tyre pressure checking and adjustment with water refill option, e.g. for cleaning windscreens, in one machine. Also available with integrated frost protection on request.



**2 AT - Air Tower**

For precise tyre pressure checking and adjustment – also available with integrated frost protection on request.



**3 PT - Perfume Tower**

Immediately neutralises unpleasant odours, e.g. cigarette smoke in vehicles.



**4 MA - Mat cleaner**

The machine for mat cleaning without water. Also available with storage shelf for temporary storage of mats during the cleaning process.

# CENTRAL VACUUM SYSTEMS FOR SELF-SERVICE OPERATION



## Vehicle vacuuming – made easy

A central vacuum system combines drive, filter and control in one compact unit. The latest technology provides an outstanding vacuuming experience at low running costs. For operators, low maintenance and reliable operation are key attributes. Tried-and-tested components designed for continuous operation reduce the susceptibility to faults to zero. Consistently high suction power saves time for operators and ensures satisfied customers.



### 1 Optimal power control

- A side channel blower with intelligent control ensures consistently high suction power.
- The modern drive concept also reduces energy consumption to the necessary minimum.

### 2 Easy-to-use and easy-to-operate

- Coin in and ready to go – an intuitive operating and handling concept for convenient vacuuming.
- Suction hose guidance from above provides easy access – even in hard-to-reach corners of the vehicle.

### 3 Variety of configurations

- The central components are available with or without enclosure as required.
- The number of vacuum points can be adapted to suit individual customer requirements for maximum flexibility.

### 4 Low maintenance

- Thanks to automatic filter cleaning, the system is low-maintenance and reliable.
- A bypass ensures a steady flow of air through the pipe, which produces a self-cleaning effect.

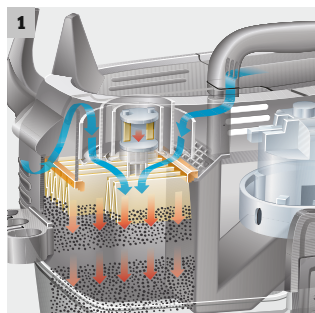
# SELF-SERVICE VACUUMS



## Kärcher SB VC: a visible experience

The design: innovative. The power: beyond any doubt. Our SB VC self-service vacuums feature advanced and reliable technology for greater suction power and robustness in daily use. Available as Mono or Duo version as required.

**NEW**



### 1 Tact, the patented, automatic filter cleaning system

Thanks to our Tact system, clogged filters are a thing of the past. It cleans the filter by emitting targeted, powerful blasts of air fully automatically as and when required. The suction power remains constantly high, the maintenance costs are low and the filter lifetime is extended.



### 2 Electronic coin acceptor

Individually programmable, electronic coin acceptor. Reliably recognises and accepts up to 6 different types of coins or tokens. Only one coin acceptor is required, even for our Duo self-service vacuums.



### 3 Ergonomic suction nozzle

Removes the dirt from every recess, corner and crevice: our optimised ergonomic suction nozzle.



### 4 User-friendly hose guidance

Our new concept ensures easier, better and simply more convenient handling when vacuuming.

# EQUIPMENT OPTIONS AND TECHNICAL DATA



		SB VC 2 Ec	SB VC 1 Ec	SB VC 2	SB VC 1
<b>Technical data</b>					
Number of vacuum bays		2	1	2	1
Air flow rate	l/s	2 × 63	63	2 × 74	74
Vacuum	mbar	2 × 244	244	2 × 254	254
Dirt container capacity	l	2 × 40	40	2 × 40	40
Power input	kW	2 × 1.38	1.38	2 × 1.38	1.38
Supply voltage	~ / V / Hz	1 / 230 / 50 / 60	1 / 230 / 50 / 60	1 / 230 / 50 / 60	1 / 230 / 50 / 60
Dimensions (L × W × H)	mm	600 × 1220 × 2200	600 × 850 × 2200	600 × 1220 × 2200	600 × 850 × 2200



## Mechanical coin acceptor

When only a coin or token is required – the affordable alternative to an electronic coin acceptor.



## Digital remain time display in seconds

Shows your customers the remaining vacuuming time precisely to the second.



## Connection to Kärcher Fleet

The vacuums are compatible with Kärcher Fleet, the unique cloud-based data management system.



## Equipped with Ec turbines

Our Mono/Duo self-service vacuum cleaners are equipped with powerful, durable and robust Ec turbines.



## WATER RECLAMATION – ENVIRONMENTALLY-FRIENDLY AND ECONOMICAL

The reclamation and treatment of dirty water produced in vehicle wash plants and commercial high-pressure cleaning is often prescribed by law. Our reclamation systems not only comply with legal standards and requirements, but also reduce consumption and costs for fresh water and cleaning agents considerably. This means that you save up to 95%.



### Table of contents: Water reclamation systems

Water reclamation for vehicle wash plants	Page 696
Water reclamation for high-pressure cleaners	Page 700
Chemicals for water treatment	Page 794





### WRB Bio

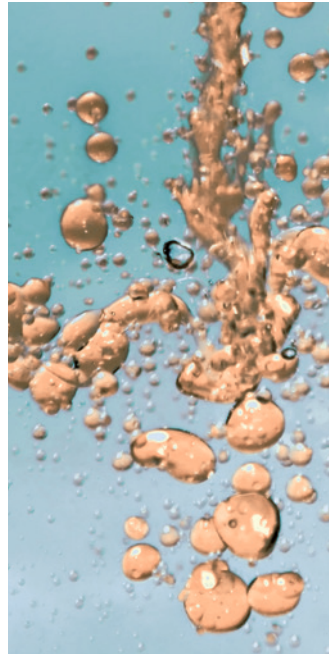
Thanks to its very high reclamation quota of up to 95%, this compact system is suitable for all gantry car washes in car dealerships, workshops, service stations and car care centres that use reclaimed water. The system is highly reliable and delivers high-quality reclaimed water at competitive investment costs.

#### How to read the unit names:

Model	Flow performance	Equipment
Example: <b>WRH</b>	1200	<b>Classic</b>
<b>WRP</b> = Water Reclamation Particles (Machine for the reduction of particles)	Flow performance in litres per hour	<b>Classic</b> = Basic equipment with manual filter return rinse
<b>WRH</b> = Water Reclamation Hydrocarbons (Machine for the reduction of oil/hydrocarbons)		<b>Car Wash</b> = For use in gantry car washes
<b>WRB</b> = Water Reclamation Biology (Machine for the reduction of biodegradable substances)		



Kärcher offers a tailor-made water reclamation solution for the use of high-pressure cleaners. Modular standard components are combined to form individual systems, which ensure compliance with required limit values and offer potential savings.



Hydrocyclones or sand filters are used for the removal of suspended matter. For the removal of oil, tried-and-tested methods such as active carbon filters or precipitation/flocculation are used depending on the degree of oil pollution.

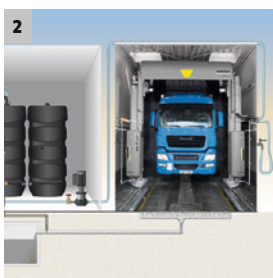
# WATER RECLAMATION FOR VEHICLE WASH PLANTS



## 85% water saving. 100% cleanliness

This Kärcher system is designed for fast and thorough cleaning of vehicles, from cars to lorries and coaches. With the reduction in fresh water consumption of up to 85 percent, Kärcher water reclamation systems can bring about enormous savings.

WATER RECLAMATION



### 1 Chemical-free solution

- Low operating costs.
- Robust filtration process.

### 2 Modular concept

- Location-specific and customised solutions.

## WRP 16000

## WRP 8000

- Fresh water savings of up to 85%
- Flow of up to 16000 l/h
- Easy to install

- Fresh water savings of up to 85%
- Flow of up to 8000 l/h
- Easy to install

### Technical data

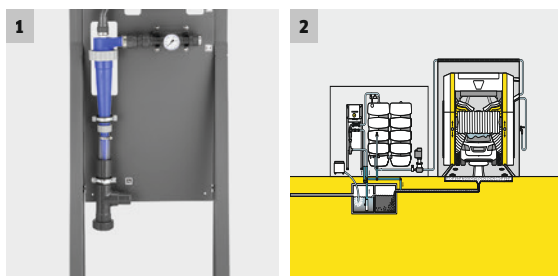
		WRP 16000	WRP 8000
Reclaimed water production	l/h	16000	8000
Voltage	V	230	230
Frequency	Hz	50	50
Weight	kg	375	255
Dimensions (L × W × H)	mm	760 × 760 × 1300	610 × 610 × 1100
Order No.		1.217-152.0	1.217-151.0
Price			

# WATER RECLAMATION FOR VEHICLE WASH PLANTS

## 85% water savings with hydrocyclone



The water reclamation system WRP Car Wash for gantry car washes with hydrocyclone has a flow performance of up to 3,000 l/h. The system reduces fresh water consumption by up to 85%.



### 1 Physical filter without maintenance effort

- No filter return rinse necessary.
- No replacement of filter material required.

### 2 Compact system

- Low space requirement.
- Easy retrofitting option.

### WRP Car Wash

- Fresh water savings of up to 85%
- No filter change necessary
- Low operating costs

#### Technical data

Reclaimed water production	l/h	3000
Voltage	V	230
Frequency	Hz	50
Weight	kg	40
Dimensions (L × W × H)	mm	503 × 240 × 1863
Order No.	1.217-153.0	
Price		



# BIOLOGICAL WASTE WATER TREATMENT FOR VEHICLE WASHES



## Save up to 95% fresh water with WRB Bio

WRB Bio, our biological waste water treatment system, treats the waste water from vehicle wash plants without flocculants or cleavage agents reliably and without harming the environment; it returns crystal-clear reclaim water back to the circuit and thereby helps to save up to 95% fresh water. In addition, the system impresses with an excellent cost/benefit ratio.



1

### 1 Very high reclaim water quality

- Crystal clear, no turbidity.
- Virtually odourless.
- Saves up to 95% fresh water.



2

### 2 Compact construction

- Also suitable for confined technical rooms.
- Installation as a replacement for "old" gravel filter possible.
- Retrofitting without costly earthworks.



3

### 3 With type approval

- Maximum reclamation according to Appendix 49 AbwV.
- Simplified approval procedure.
- No oil separator required as a treatment stage.



4

### 4 Biological waste water treatment

- Decomposition of cleaning agents and drying aids.
- Without the use of flocculants and cleavage agents.



# TECHNICAL DATA AND EQUIPMENT

## WRB 4000 Bio

## WRB 2000 Bio

- Competitive investment costs
- Ideal for gantry car washes
- Low maintenance effort

- Competitive investment costs
- Ideal for gantry car washes
- Low maintenance effort

### Technical data

Reclaimed water production	l/h	4000	2000
Voltage	V	3 × 400	3 × 400
Frequency	Hz	50	50
Weight	kg	400	300
Dimensions (L × W × H)	mm	900 × 600 × 1800	900 × 600 × 1800
Order No.		on request	on request
Price			

# WATER RECLAMATION FOR HIGH-PRESSURE CLEANERS

## Water treatment without chemistry



The chemical-free water reclamation systems WRH 1200 Classic and WRP 1000 Classic supply high-pressure cleaners in continuous operation with recycled water (1,000 l/h) from manual vehicle cleaning.



### 1 Chemical-free solution

- Low operating costs.
- Supplies high-pressure cleaners directly.

### 2 Backwash filters

- Effective elimination of particles > 5 µm.
- Exceptional price/performance ratio.

## WRH 1200 Classic

## WRP 1000 Classic

- For medium oil content: 5-30 mg/l
- Fresh water saving of up to 85%
- Flow of up to 1200 l/h

- For oil-free waste water: < 5 mg/l
- Fresh water saving of up to 85%
- Flow rate up to 1000 l/h

### Technical data

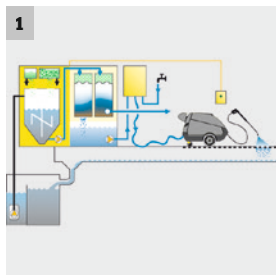
Reclaimed water production	l/h	1200	1000
Voltage	V	230	-
Frequency	Hz	50	-
Weight	kg	110	45
Dimensions (L × W × H)	mm	1000 × 480 × 1600	660 × 450 × 1100
Order No.		1.217-111.0	1.217-108.0
Price			

# WATER RECLAMATION FOR HIGH-PRESSURE CLEANERS



## The solution to oil pollution

The tried-and-tested HDR 777 system is the ideal solution for all washing processes using high-pressure cleaners which produce a high level of oil pollution. The Kärcher HDR 777 treats washing water with an oil content of 30 to 100 mg/l so that it can be reused for washing processes or drained into the sewerage system with the addition of special flocculants.



### 1 Automatic flocculant dosage

- Easy operation and reliable compliance with limits for hydrocarbons.

### 2 Chemical flocculation

- Effective removal of oil and pollutants.

## HDR 777

## HDR 777-VA

- For high oil content: 30-100 mg/l
- Fresh water saving of up to 85%
- Flow rate up to 800 l/h

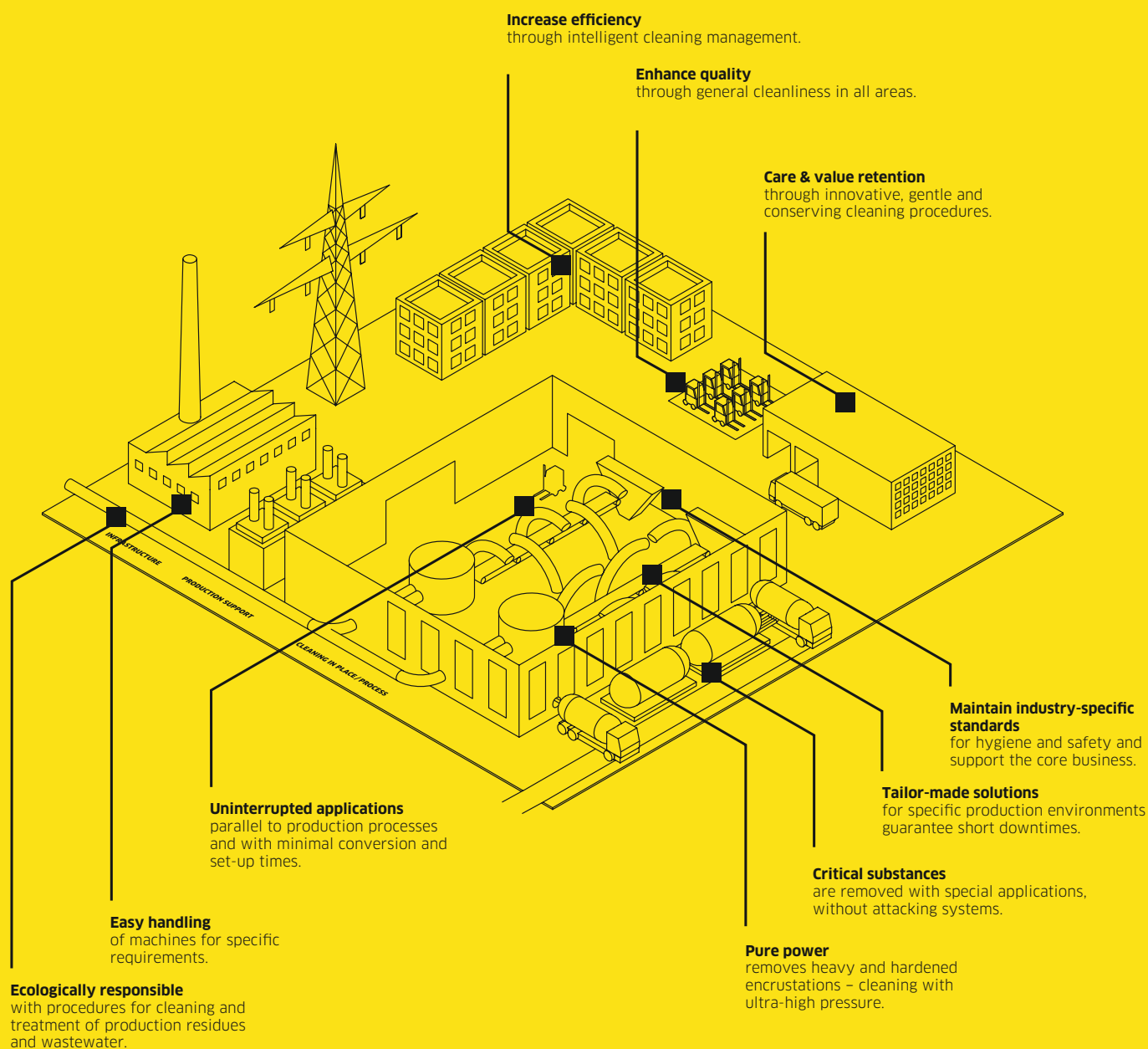
- For high oil content: 30-100 mg/l
- Fresh water saving of up to 85%
- Flow rate up to 800 l/h

### Technical data

		HDR 777	HDR 777-VA
Reclaimed water production	l/h	600 / 800	600 / 800
Voltage	V	230	230
Frequency	Hz	50	50
Weight	kg	485	485
Dimensions (L × W × H)	mm	1300 × 630 × 1300	1300 × 630 × 1300
Order No.		1.208-100.0	1.208-102.0
Price			

# BECAUSE IN INDUSTRY YOU NEED A PARTNER WHO CAN OFFER YOU ADVANTAGES.

Cleaning tasks in industry are diverse and often very specific: machines and systems, moulds and parts, as well as transport routes and storage locations in inside and outside areas. Each of these areas is very complex. Integrating them into a functioning system of the highest efficiency requires a great deal of expertise and experience. As a world market leader for cleaning technology, we have this expertise and more than 75 years of experience. We have the unique Kärcher system. And we have the solution for every one of your tasks. What does that mean for you? All of the advantages.



# WE ALWAYS HAVE ONE SOLUTION MORE THAN YOU HAVE TASKS.

We have everything you need. Even if we are unable to present every solution here. We cover every need in all areas of industry with our industrial vacuums, dry ice blasting machines, tank interior cleaning systems, high- and ultra high-pressure blasting machines, floor cleaners and sweepers. Simply tell us what you want to clean. We will tell you how it can be done in the most effective and efficient way.



## 1 Industrial vacuums/Extraction systems (Page 284)

For vacuuming

- Metal shavings, granulate, punchings
- Health-endangering or explosive dusts
- Coolants, lubricants and oils

## 2 Ultra-high-pressure solutions (Page 188)

- Concrete restoration and removal
- Cleaning of pipes, pipe bundles and heat exchangers
- All types of surface removal

## 3 Dry ice blasting systems (Page 710)

Dry ice blasting of

- Robots, moulds and filling systems
- Transport and conveyor systems
- Hydraulic and electrical installations

## 4 Parts cleaning (Page 724)

Cleaning of parts in

- Metalworking
- Maintenance and production

## 5 Tank/Silo/Container solutions (Page 704)

Cleaning of

- Tanks and silos
- 20-foot containers
- Rail tank cars
- Trucks

## 6 System solutions for reactors and boilers (Page 708)

Cleaning of

- Mixing agitators
- IBC and barrels
- Reactors and boilers

## 7 Stationary systems (Page 164)

Stationary high-pressure cleaning in/on

- Butchers, abattoirs and food production in general
- Swimming pools and thermal baths
- Decks on cruise ships



## EVERYTHING FOR A CLEAN INTERIOR

For over 40 years, our name has been synonymous with reliable and powerful systems for cleaning container interiors. As the market leader in professional cleaning systems, we offer you tailored solutions for every requirement based on modular components. Thanks to our experience and the high quality of our technology, every system works extremely efficiently and saves you energy and operating costs. From consulting and planning to construction, delivery and servicing of the systems, we are your strong and reliable partner with innovative concepts and extensive service.



### Table of contents: Container cleaning

Different industries	Page 705
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System solutions	Page 708
Cleaning agents	Page 795



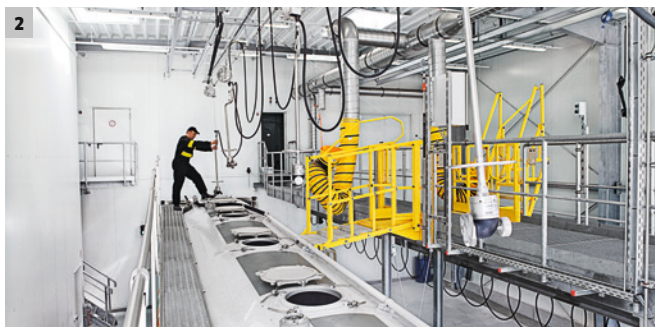
## DIFFERENT INDUSTRIES – ALWAYS THE RIGHT SOLUTION

Freight logistics is a central task in almost all sectors of industry worldwide. The quantity of goods transported is enormous. Fluids, pastes, powders or solids. Filled in tanks, containers, barrels and receptacles of all kinds for storage, handling or transport. Kärcher supplies cleaning systems for companies of any size in all industries and for containers of all kinds.



### 1 If it is adhesive, caustic or explosive

In the chemical, pharmaceutical and paint industries, producers, freight forwarders and other processing companies are faced with a wide variety of logistical and cleaning problems on a daily basis. Storage tanks, pipelines and process containers must be emptied completely and cleaned thoroughly at regular intervals; products are often adhesive, caustic, explosive or flammable. The spectrum includes organic and inorganic basic materials, paints, binders, fillers, pigments, solvents, resins and acrylates as well as countless other basic, intermediate and end products. Such complex tasks require perfectly tailored cleaning systems for maximum effect, safety and efficiency. The Kärcher system has the right solution for individual requirements.



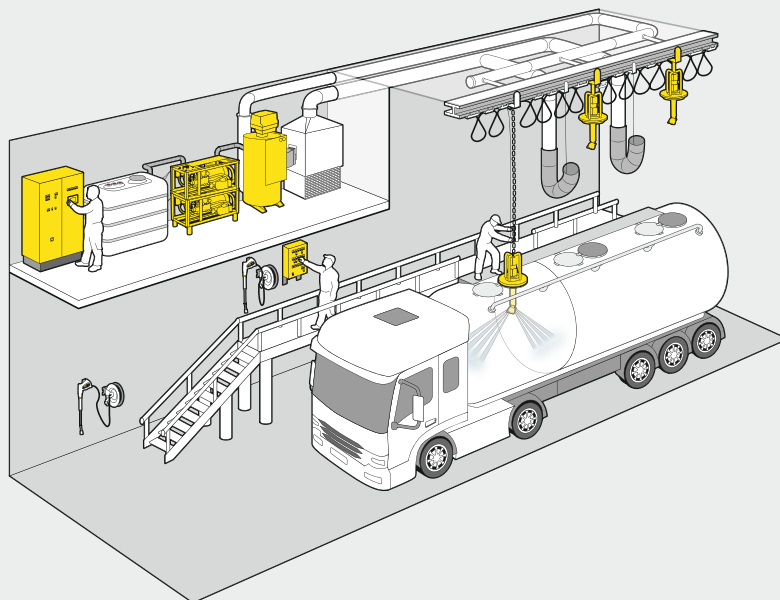
### 2 When everything has to run like clockwork

In a networked industry, transport and logistics play a highly significant role. Freight forwarders, shipping companies and railways must not only work to perfectly coordinated schedules, but must also provide transport services whenever required, irrespective of the goods transported. Cleaning according to specific intervals or whenever required must be effective, fast and reliable. All kinds of vehicles, containers, wagons and tankers, IB containers and returnable containers place diverse demands on machines, accessories and cleaning agents. The Kärcher system, with its perfectly tailored components, is the optimal solution for all cleaning tasks in this sector as well.

# TAILOR-MADE SOLUTIONS – FROM MODULAR TO TURN-KEY

Kärcher systems for cleaning containers are modular system solutions tailored to customer-specific products and cleaning frequency. The first step towards a perfectly planned system is a needs assessment with a focus on quality, operational safety and efficiency. Engineering – made in Germany.

1



## 1 Tank and silo cleaning system

As described on the following pages, container interior cleaning systems are required for a wide range of applications: target groups include transport and logistics as well as the chemical industry.

As a result of globalisation, flows of goods and cleaning quality requirements are increasing in the associated industries (food industry, including sugar, salt, flour; construction industry, including chalk and cement, and the chemicals industry for PVC, pigments, sulphur, etc.).

Every cleaning system therefore has to be specifically designed to deal with the products concerned.

In addition to quality standards such as Hazard Analysis Critical Control Point (HACCP) and Safety and Quality Assessment System (SQAS), harmonised cleaning certificates such as the European Cleaning Document (ECD) have become established as standard.

Work safety is also an integral part of cleaning tank interiors. Safety measures for protection against explosion hazards (ATEX) are just as necessary as measures for the treatment of exhaust air and wastewater.

Kärcher modular system solutions are designed to meet diverse cleaning system requirements with significant customer benefits.

### Types of contamination:

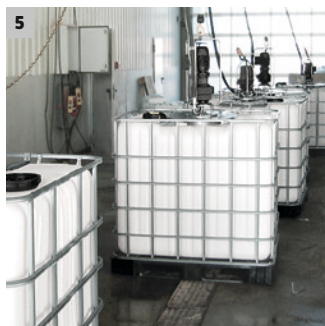
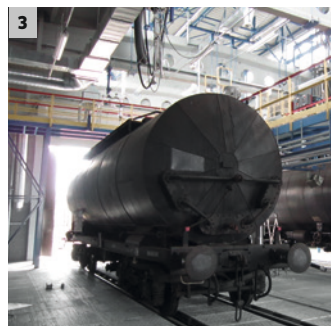
- Liquid products (such as food, oil, chemical products, etc.).
- Bulk materials.
- Gases.

### Cleaning media:

- Water, aqueous solutions (alkaline and acidic).
- Osmosis water.
- Brines, acids, and solvents.

# SELECTION OF IMPORTANT APPLICATIONS

The tasks involved in cleaning tank interiors are usually complex and can have very specific characteristics: size and geometry of the container, typical contaminants and external factors. Kärcher system solutions are specifically designed for this purpose. Several examples are shown below.



## 1 Tank and silo cleaning

- Interior cleaning of liquids and solids.
- Used in combined transport by rail and road.
- 3 to 5 chambers with a volume of 9 to 28 m³ per chamber.
- Reduced use of energy and chemicals thanks to special Kärcher software and innovative chemical application.

## 2 Cleaning of ISO containers

- In combined transport by sea, rail and road.
- Kärcher tailor-made cleaning station with crane track system.
- Special procedure for cleaning latex and synthetic resin.

## 3 Tank wagon cleaning

- Cleaning of tank wagons for liquids/hazardous products.
- Can be designed as a multi-track system for simultaneous operation.
- Cleaning of rail tankers up to 24 metres in length.
- Sometimes extreme external conditions require intelligent procedures for preheating highly viscous materials.

## 4 Barrel cleaning

- Cleaning light containers up to 750 mm in diameter.
- Irrespective of shape.
- Pre-assembled wash bay.
- Immediately ready to use.
- Easy handling.

## 5 IBC cleaning

- From food to chemicals.
- Container capacities of 250 to 3,000 litres.
- Reusable thanks to Kärcher cleaning technology.

## 6 Container cleaning in the chemical industry

- Agitator vessel cleaning in the chemical and paint industry.
- Customised solutions, e.g. for paints and solvents.
- Special applications for reactor cleaning.
- Recirculation system for the conservation of valuable resources and protection of the environment.



## SYSTEM SOLUTIONS – BASED ON MODULAR COMPONENTS

Kärcher system solutions are designed for container cleaning using modular components. Both custom designs and on-site issues are taken into consideration. One of the main tasks of engineering is choosing efficient components to ensure that energy and operating costs are kept to a minimum. One big advantage is that the components used are developed specifically for cleaning container interiors. Our many years of experience in container interior cleaning influence the product definition. Industrial quality standards are a given. A wide range of modular components ensures an optimal solution for almost any application.

### Interior cleaning heads



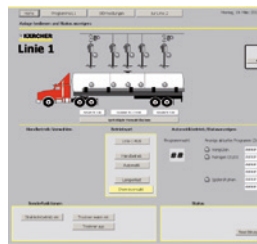
### High-pressure pumps



### Hot water generators



### Controls



### Accessories / cleaning agents



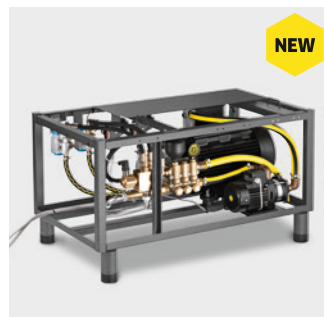
## Customer-specific system controllers



Kärcher offers the complete spectrum of customer-specific system controllers. These range from controllers for small systems with simple control logic to large systems with complex cleaning requirements, including a wide variety of options. All processes are controlled in their entirety: from customer registration and programme selection, to communication, control room and washing area, right up to quality assurance and documentation.

- Manual cleaning or automatic programme selection and control via SPS.
- Visual depiction of the components that are in operation.
- Validation of the programme parameters such as pressure, temperature, flow and cleaning agent dosing.

## Selection of modular components



**HDI 60/14**



**SHD-R 3000**  
Stationary/mobile



**HWE 4000 Gas**  
modular eco!efficiency

### Technical data

Flow rate	l/h	6000	max. 3000	1300-8000
Pressure	bar	max. 140	max. 100	max. 160
Temperature	°C	max. 60 (85)	max. 60	max. 90 or 140 in steam stage operation
Electric drive	Ph / V / Hz, kW	3 × 400 / 50, 30	3 × 400 / 50 / 11 SDA / DA	1 × 230 / 50 / 0.75
Weight	kg	300	165 / 215	550

## Selection of modular interior cleaning heads



**HKF 50 P**



**HKS 100**  
Speed control



**HKF 200 E**



**ICH 140/14 Ps F2**

- Stainless steel interior cleaning head with ATEX certification
- Adjustable speed via compressed-air drive
- Variable flow rate and pressure
- PTFE sealing
- Resistant to acids, alkalis and solvents

- Stainless steel interior cleaning head with ATEX certification
- Compact
- Liquid spray gearbox
- Adjustable speed
- Variable flow rate and pressure
- PTFE sealing
- Resistant to acids, alkalis and solvents

- Stainless steel interior cleaning head with ATEX certification
- Constant speed via electric drive
- Variable flow rate and pressure
- PTFE sealing
- Resistant to acids, alkalis and solvents

- Stainless steel interior cleaning head with ATEX certification
- Main application rail tankers
- Liquid spray gearbox
- Steaming via separate nozzle
- Folding mechanism for increased reach
- Suitable for 4- and 8-axle rail tankers

### Technical data

Flow rate	l/h	max. 1500	1200-6000	max. 10000	7200-14000
Pressure	bar	max. 100	30-100	max. 200	30-140
Temperature	°C	max. 95	max. 60 (80)	max. 95	max. 95
Pneumatic drive	bar/l/min	4-7 / 450	-	-	-
Electric drive	Ph / V / Hz	-	-	3 / 400 / 50	-
Min. tank opening	mm	50 / 70	200	180 / 200	500
Speed	1 rpm	10-20	8-40	18.5	10-20
Weight	kg	7	6	35	170
Type of protection	IP	-	-	65	-
Order No.		<b>3.631-008.0</b>	<b>3.632-030.0</b>	<b>4.631-002.0</b>	<b>2.631-002.0</b>
Price					



## ICE COLD IN THE FACE OF DIRT – GENTLE ON SURFACES

Many components and machines are difficult to clean: casting moulds, extruders, processing machines in the food and plastics industries, etc. Our powerful dry ice blasting machines are the right solution when other procedures are not effective, practical or economical. And this is often the case: whenever water and steam cannot be used as cleaning agents due to the risk of corrosion. Or if residues from blasting material such as sand or glass must be avoided. For hygiene reasons or because of sensitive surfaces. Or to avoid time-consuming polishing after cleaning.



### Table of contents: Dry ice cleaning

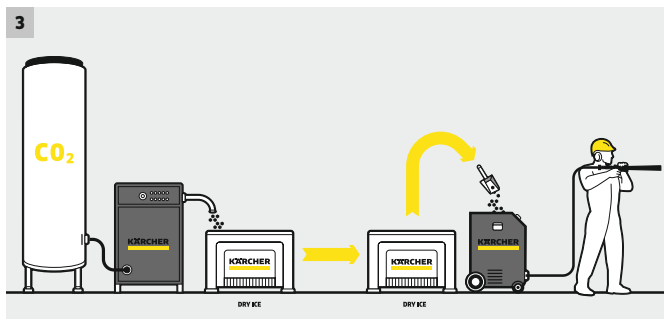
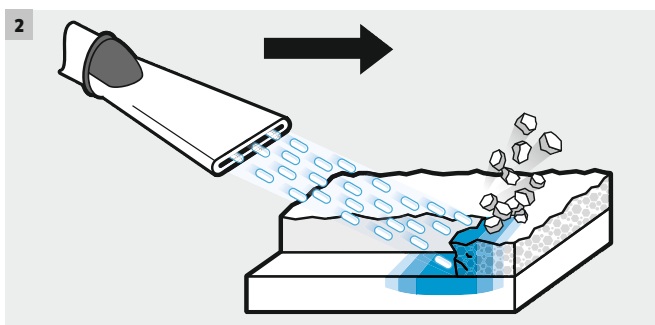
Dry ice cleaners

Page 712

Accessories

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# **1 Advantages of dry ice blasting**

## **Cleaning without disassembling**

Machines do not have to be disassembled for cleaning. The pellets easily reach into even the smallest nooks and crannies.

## **Short machine downtimes**

thanks to fast and effective cleaning.

## **Environmentally friendly cleaning**

without additional chemicals or spray agents.

## **Surfaces are not damaged**

## **No residues**

Dry ice sublimates completely to CO<sub>2</sub>. It leaves no residues such as spray agents or wastewater.

# **2 Cleanliness = cold times acceleration**

The Ice Blaster accelerates the dry ice pellets, which are up to 3 mm in size, with compressed air to over 150 m/s. At a temperature of -79°C the dirt freezes and cracks. The dry ice pellets ejected at high speed remove the dirt effortlessly. A highly effective method for removing almost any dirt in a way that is gentle on materials.

# **3 From carbon dioxide to ice**

# **4 Ice Blasters from Kärcher offer the right solution for every application.**

The robust design of the machines and reliable technology cannot fail to impress. A host of features such as residual ice discharge, a cleverly designed protective handle, lockable blasting parameters, integrated water separator and many more, make everyday work significantly easier.

## **How to read the unit names:**

### **Model**

- IB = Ice Blaster
- IP = Ice Pelletizer

# SUPER CLASS

## Cleaning performance redefined



The IB 15/120 Ice Blaster is one of the most powerful dry ice blasting machines on the market. Among its outstanding features are its robustness, highly reliable technology and top results in dry ice blasting.



### 1 Nozzle case bracket

- Spray nozzles and tools are easily accessible from anywhere on the machine.
- The nozzle case is attached to the side of the machine to protect it from contamination.

### 2 Outstanding mobility

- Optimum machine balance for comfortable manoeuvring over uneven ground.
- Handles at the front and rear of the machine make it easy to carry on stairs.

## IB 15/120

- Robust and reliable
- Oil and water separator
- For the most intensive jobs

### Technical data

Voltage	V	220-240
Frequency	Hz	50-60
Connection load	kW	0.6
Compressed air connection		Claw coupling (DIN 3238)
Casing / frame		Stainless steel (1.4301)
Cable length	m	7
Air pressure	bar / MPa	2-16 / 0.2-1.6
Air flow	m³/min	2-12
Sound pressure level	dB(A)	125
Dry ice capacity	kg	40
Dry ice pellets (diameter)	mm	3
Dry ice consumption	kg/h	30-120
Weight without accessories	kg	91.5
Dimensions (L × W × H)	mm	720 × 850 × 1100

### Equipment

Flat jet nozzle	■
Round jet nozzle, XL, long	■
Blasting hose with electrical control cable and quick coupling	■
"Air only" or "Air and ice" switch on the blasting gun	■
Includes ground strap coil	■
Integrated oil and water separator	■
Order No.	1.574-104.0
Price	

- Included in delivery.

# COMPACT CLASS



## Highly mobile – for use with in-house compressors

The spray process with dry ice pellets is ideal for gentle cleaning of sensitive surfaces. The compact IB 7/40 for in-house compressed air networks ensures impeccable cleanliness, even with 2 bar.



### 1 Clear display

- The values in the settings are easy to read and simple to operate thanks to large buttons and electronic controls.

### 2 Automatic residual ice emptying

- Residual ice is emptied from the tank with the push of a button once the work is complete, preventing the machine from freezing.

### IB 7/40 Adv

### IB 7/40 Classic

- Controlled with a gun
- Oil and water separator
- For domestic compressed air networks

- Compact and manoeuvrable
- Oil and water separator
- For domestic compressed air networks

#### Technical data

Voltage	V	220-240	220-240
Frequency	Hz	50-60	50-60
Connection load	kW	0.6	0.6
Compressed air connection		Claw coupling (DIN 3238)	Claw coupling (DIN 3238)
Casing / frame		Stainless steel (1.4301)	Stainless steel (1.4301)
Cable length	m	7	7
Air pressure	bar / MPa	2-10 / 0.2-1	2-10 / 0.2-1
Air flow	m³/min	0.5-3.5	0.5-3.5
Sound pressure level	dB(A)	99	99
Dry ice capacity	kg	15	15
Dry ice pellets (diameter)	mm	3	3
Dry ice consumption	kg/h	15-50	15-50
Weight without accessories	kg	70	69
Dimensions (L x W x H)	mm	768 x 510 x 1100	768 x 510 x 1100

#### Equipment

Flat jet nozzle	■	■
Round jet nozzle, XL, long	-	-
Blasting hose with electrical control cable and quick coupling	■	■
"Air only" or "Air and ice" switch on the blasting gun	■	-
Includes ground strap coil	■	-
Integrated oil and water separator	■	■
Order No.	1.574-002.0	1.574-001.0
Price		

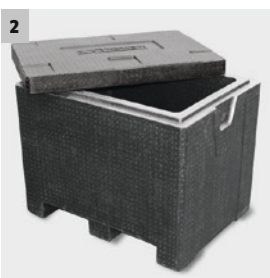
■ Included in delivery.

# PELLETIZER



## Make your own dry ice

Never buy dry ice pellets again! Thanks to the Kärcher pelletizer, it is now extremely easy to produce these pellets yourself. This saves waiting time and purchasing and transport costs.



**1** With the pelletizer models IP 55, IP 120 and IP 220, Kärcher provides the ideal production solution for whatever amount of dry ice pellets you require. The dry ice produced using Kärcher pelletizers is also ideal for cooling heat-sensitive products (in the food industry, for example).








**2** The Kärcher dry ice box for transporting and storing dry ice pellets is available in two versions: as a disposable box made from polystyrene for up to 25 kg of dry ice, and as a reusable box made from expanded polypropylene (EPP) for up to 100 kg of dry ice. The reusable box provides particularly good insulation, is light and extremely durable.

		IP 220	IP 120	IP 55
		<ul style="list-style-type: none"> <li>Extremely high-density pellets</li> <li>Hydraulic operation</li> <li>Durable and robust</li> </ul>	<ul style="list-style-type: none"> <li>Extremely high-density pellets</li> <li>Hydraulic operation</li> <li>Durable and robust</li> </ul>	<ul style="list-style-type: none"> <li>Extremely high-density pellets</li> <li>Hydraulic operation</li> <li>Durable and robust</li> </ul>
<b>Technical data</b>				
Production quantity	kg/h	220	120	55
Supply voltage	Ph / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Connection load	kW	5.6	4	1.6
CO <sub>2</sub> storage tank (liquid phase)		CO <sub>2</sub> storage tank; liquid phase 13-21 bar	CO <sub>2</sub> storage tank; liquid phase 13-21 bar	CO <sub>2</sub> storage tank; liquid phase 13-21 bar
CO <sub>2</sub> supply connection		1/2" BSP socket	1/2" BSP socket	1/2" BSP socket
Weight without accessories	kg	540	360	147
Dimensions (L × W × H)	mm	1560 × 800 × 1450	1320 × 700 × 1430	1150 × 600 × 1300
<b>Equipment</b>				
Order No.		On request	1.574-111.0	1.574-110.0
Price				

# Nozzle sizes

Cleaning performance	Pressure in bar	IB 7/40 Air flow rate index/Nozzle sizes	IB 15/120 Air flow index/ Nozzle sizes				
		XS Ø 5	S Ø 6	M Ø 7	L Ø 8	XL Ø 9	XXL Ø 10
<b>Very low blasting force</b> For cleaning very light dirt on very sensitive surfaces, e.g. dust from rubber or grease and oil from soft plastics.	2	0.4	1.0	0.7	1.0	1.6	1.1
	3	0.7	1.3	1.1	1.6	2.3	2.0
<b>Low blasting force</b> For cleaning light dirt, e.g. oil and grease, light encrustations, glue residues, separating agents, rubber residues, cleaning of injection moulds.	4	0.9	1.7	1.7	2.2	3.0	2.8
	5	1.1	2.0	2.3	2.9	3.6	3.7
	6	1.3	2.4	2.7	3.5	4.3	4.5
<b>Medium blasting force</b> For cleaning stubborn dirt, e.g. removing rust film or underbody coating, or cleaning welding guns.	7	1.6	2.7	3.1	4.0	5.0	5.0
	8	1.8	3.0	3.6	4.6	5.7	5.9
	9	2.0	3.4	4.0	5.3	6.4	6.7
	10	2.3	3.7	4.5	6.0	6.7	7.5
<b>High blasting force</b> For cleaning very stubborn dirt, e.g. paint removal, cleaning heat exchangers or die-casting tools.	11		4.0	5.0	6.5	7.4	8.4
	12		4.4	5.5	7.1	8.2	9.3
	13		4.7	5.9	8.0	8.9	10.3
<b>Very high blasting force</b> For cleaning extremely stubborn dirt, e.g. paint removal, cleaning casting tools, cleaning power plant furnaces.	14		5.1	6.5	8.4	9.6	11.2
	15		5.4	7.0	9.0	10.4	12.0
	16		5.7	7.5	9.7	11.2	12.9
<b>Area performance</b>							

The air consumption is shown in m³/min in the table.

	up to 1 m³/min:	Industrial in-house compressed air supply; entry-level compressor, e.g. Kaeser M 17, Compair C14
	1-2 m³/min:	Industrial in-house compressed air supply; small compressor, e.g. Kaeser M 31, Compair C20GS
	2-3 m³/min:	Medium compressor, e.g. Kaeser M 57, Compair C35
	3-5 m³/min:	Medium compressor, e.g. Kaeser M 57, Compair C35
	5-7 m³/min:	Medium compressor, e.g. Kaeser M 80, Compair C55
	7-10 m³/min:	Large compressor, e.g. Kaeser M 122, Compair C105
	> 10 m³/min:	Very large compressor, e.g. Kaeser M 250, Compair C200

# DRY ICE CLEANING ACCESSORIES



Special nozzles, lights, protective gear – Kärcher provides accessories for all your needs: flat jet nozzles and round spray nozzles in a long and short version, adjustable miniature angled nozzles for delicate work in tight spaces or round and flat angled nozzles.

		Order No.	Price	Description
<b>Blasting gun</b>				
Jet gun, XXL, heavy-duty	1	4.775-836.0		Ergonomic and light jet gun with safety function to prevent unintentional triggering. Switch for selecting "Air and dry ice" or only "Compressed air".
Jet gun, XXL, Adv	2	4.775-837.0		Ergonomically designed jet gun. The compact design of this gun makes it especially light and handy. Includes a safety function to prevent unintentional triggering. The Advanced jet gun features an integrated remote control. The ice delivery rate and jet pressure can be adjusted directly from the gun. Also includes a switch to choose between "Air only" or "Air and ice".
Jet gun, XS, Adv	3	4.775-785.0		Ergonomically designed jet gun. The compact design of this gun makes it especially light and handy. Includes a safety function to prevent unintentional triggering.
Jet gun, XS, classic	4	4.775-794.0		
<b>High-pressure spray nozzles</b>				
Flat jet nozzle, 50 mm	5	4.574-033.0		Flat jet nozzle with optimised nozzle geometry. Excellent cleaning results with a high area coverage.
Flat jet nozzle, XXL, 75 mm	6	4.574-054.0		Flat jet nozzle (75 mm jet width) for the Kärcher Ice Blaster. The innovative nozzle geometry ensures an extremely even spray pattern across the entire width during dry ice blasting.
Flat jet nozzle, XXL, 100 mm	7	4.574-056.0		Ice Blaster flat jet nozzle with 100 mm jet width and new geometry. Ideal for dry ice blasting over very large areas. For an extremely even spray pattern across the entire width.
Flat stream nozzle insert, S	8	4.574-031.0		Nozzle insert for regulating air flow.
Flat stream nozzle insert, L	9	4.574-030.0		
Flat stream nozzle insert, XXL	10	4.574-032.0		
Round spray nozzle, S, long	11	4.574-050.0		Powerful round spray nozzle with an innovative nozzle contour for maximum cleaning performance and very low air consumption. Ideal for stubborn contamination. Air volume index: S.
Round spray nozzle, M, long	12	4.574-048.0		Powerful round spray nozzle with an innovative nozzle contour for maximum cleaning performance and low air consumption. Ideal for stubborn contamination. Air volume index: M
Round spray nozzle, M, short	13	4.574-028.0		Short, practical round spray nozzle for small areas. Air flow rate index: M.
Round spray nozzle, L, long	14	4.574-051.0		Powerful round spray nozzle with an innovative nozzle contour for maximum cleaning performance and moderate air consumption. Ideal for stubborn contamination. Air volume index: L.
Round spray nozzle, L, short	15	4.574-029.0		Short, practical round spray nozzle for medium-sized areas. Air volume index: L.
Round spray nozzle, XL, long	16	4.574-049.0		Practical round spray nozzle with innovative nozzle contour for maximum cleaning performance. The optimal solution for stubborn dirt. Air volume index: XL.
Round spray nozzle, XL, extra-long	17	4.574-047.0		45 cm round spray nozzle with innovative nozzle contour for maximum cleaning performance. The optimal solution for extremely stubborn dirt. Air volume index: XL.
<b>Low-pressure - blasting nozzles</b>				
Flat jet nozzle, XS, short	18	4.574-040.0		Optimised nozzle geometry makes the nozzle particularly efficient and quiet. Very short and compact nozzle. Especially suited for use in small spaces.
Flat jet nozzle, XS, long	19	4.574-038.0		Optimised nozzle geometry makes the nozzle particularly efficient and quiet. Excellent cleaning results with a high area coverage.
Round spray nozzle, XS, short	20	4.574-039.0		Optimised nozzle geometry makes the nozzle particularly efficient and quiet. Very short and compact nozzle. Especially suited for use in small spaces.
Round spray nozzle, XS, long	21	4.574-037.0		Optimised nozzle geometry makes the nozzle particularly efficient and quiet. Very powerful for stubborn contamination.
Angled nozzle, XS, flat	22	4.574-042.0		The angled nozzle deflects the spray at a 90° angle. Ideal for cleaning injection moulds.
Angled nozzle, XS, round	23	4.574-041.0		

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



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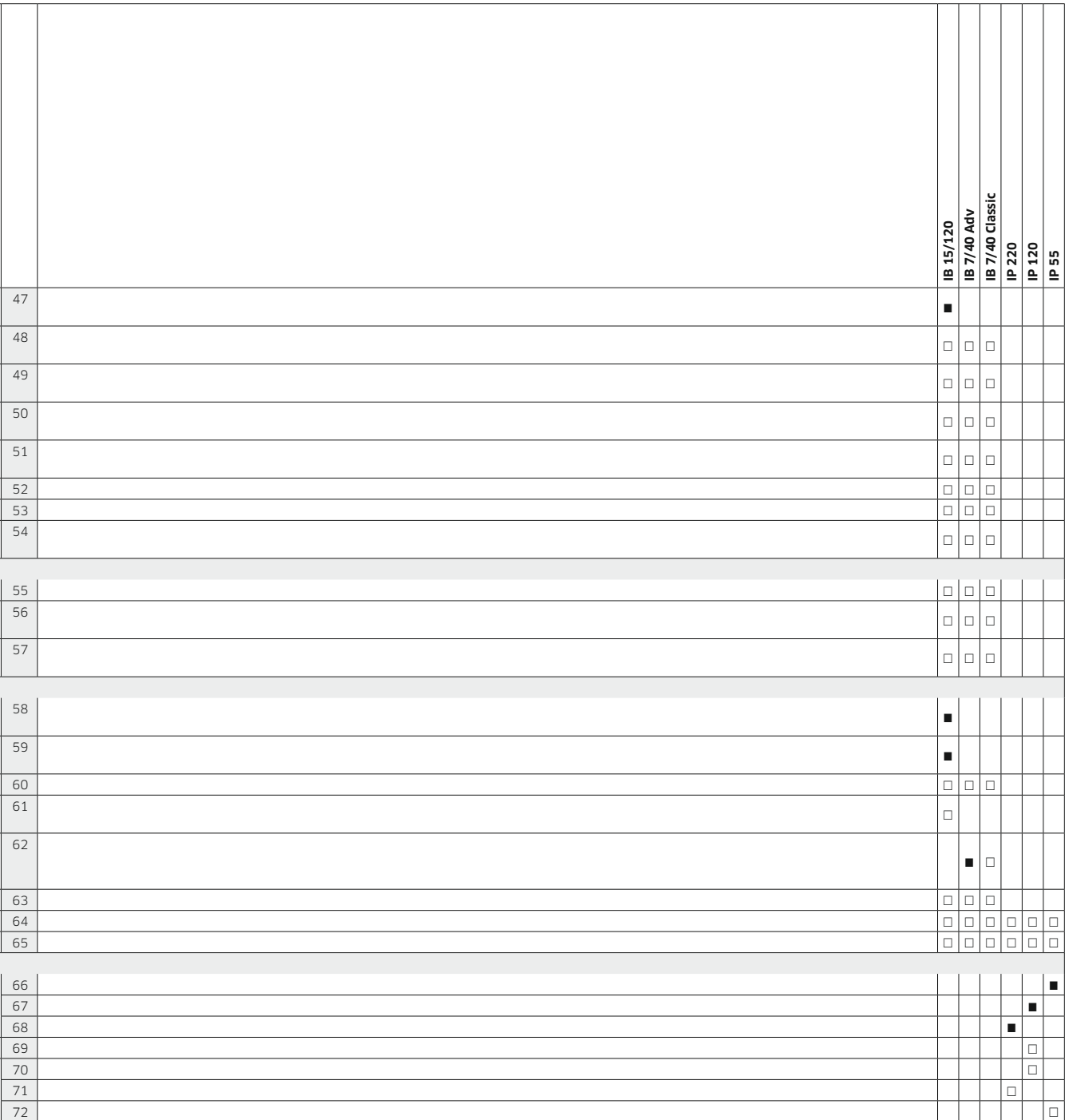
		Order No.	Price	Description
Mini angled nozzle, 60°, XS	24	4.574-044.0		Miniature angled nozzle for tight spaces. Deflects the jet about 60° laterally. Protrudes 57 mm to the side, length: 260 mm. Set consists of 4 parts: 1 × union nut, 1 × extension piece, 100 mm (5.321-971.0) 1 × angle piece, 60° (5.321-972.0) 1 × nozzle tip (5.321-977.0). Any number of extension pieces can be attached. The angle and nozzle tip can be ordered separately.
Mini angled nozzle, 90°, XS	25	4.574-043.0		Miniature angled nozzle for tight spaces. Deflects the jet about 90° laterally. Protrudes 63 mm to the side, length: 240 mm. Set consists of 4 parts: 1 × union nut, 1 × extension piece, 100 mm (5.321-971.0) 1 × angle piece, 90° (5.321-973.0) 1 × nozzle tip (5.321-977.0). Any number of extension pieces can be attached. The angle and nozzle tip can be ordered separately.
Extension, 100 mm	26	5.321-971.0		100 mm extension tube for miniature angled nozzles (60°, 90°, 135°).
Angle, 90°	27	5.321-973.0		Angle piece, 90°, for all miniature angled nozzles.
Angle, 60°	28	5.321-972.0		Angle piece, 60°, for all miniature angled nozzles.
Replacement nozzle	29	5.321-977.0		Nozzle tip for all miniature angled nozzles.
Straight adapter for angled nozzle	30	5.321-992.0		Can be attached to all miniature angled nozzles. Converts a miniature angled nozzle to a straight nozzle.
Cavity nozzle, XS	31	4.574-045.0		Diameter: 22 mm. Any number of extension pieces can be attached.
<b>Nozzle accessories</b>				
Scrambler	32	4.574-026.0		The innovative Scrambler, patented by Kärcher, is mounted between the trigger gun and spray nozzle and breaks up the 3 mm dry ice pellets into fine particles. This makes it possible to clean very sensitive surfaces. There are three pellet breaking force levels.
Double Scrambler	33	4.574-052.0		Additional Scrambler that, together with the standard Scrambler, produces even finer blast particles. The Double Scrambler can be fitted onto the standard Scrambler, taking up minimal extra space.
Nozzle extension, XXL, 170 mm	34	4.574-027.0		170 mm nozzle extension.
Nozzle extension, XXL, 500 mm	35	4.574-025.0		500 mm nozzle extension.
Nozzle extension, XS, 300 mm	36	4.574-046.0		300 mm nozzle extension.
Handle, IB 7/40	37	4.321-248.0		Handle for attachment to nozzle extension (4.574-046.0, 300 mm). For convenient two-handed use.
Handle, IB 15/120	38	6.321-206.0		Handle for use with nozzle extension.
Nozzle light, IB 15/120	39	2.815-010.0		Nozzle light is screwed onto the jet gun. For optimum illumination of the spray area.
Nozzle light, IB 7/40	40	2.815-011.0		Nozzle light is screwed onto the jet gun to illuminate the work area.
Open-end wrench (size 27 mm)	41	7.815-009.0		Open-end wrench for mounting nozzles (2 required).
Grease for nozzle thread, silicone-free	42	6.288-088.0		The thread of the spray nozzles must be regularly treated with this silicone-free grease.
Intermediate piece for angled spray lances	43	4.574-034.0		Intermediate piece for all available angled spray lances. Can also be used as a flat jet nozzle insert (14 mm).
90° angled spray lance, XXL	44	4.574-035.0		90° angled spray lance can be combined with all available nozzles. Requires the use of intermediate piece 4.130-425.0.
105° angled spray lance, XXL	45	4.574-036.0		105° angled spray lance can be combined with all available nozzles. Requires the use of intermediate piece 4.130-425.0.
<b>Blasting hose, compressed air hose</b>				
Spray hose, 1/2"	46	4.013-042.0		5 m spray hose with electric control cable and quick couplings, non-marking outer layer, silicone-free (1/2" diameter).

■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.

[illegible]

		Order No.	Price	Description
Spray hose, 3/4"	47	4.013-043.0		8 m spray hose with electric control cable and quick couplings, non-marking outer layer, silicone-free (3/4" diameter). Hoses can be extended without additional adapters.
Hose trolley	48	4.574-057.0		Hose reel including all adaptors. This practical tool for dry ice blasting using the Ice Blaster is designed for 80 m long compressed air hoses with a diameter of 1".
Compressed air hose, 1", 5 m	49	6.574-279.0		The compressed air hose (1", 5 m) for the Ice Blaster is very light and keeps its shape. Ideal for connecting to the hose reel with the compressor.
Compressed air hose, 1", 20 m	50	6.574-280.0		The compressed air hose (1", 20 m) for the Ice Blaster is very light and keeps its shape. Once the dry ice blasting is finished, the hose can be wound up again perfectly on the Kärcher hose reel.
Compressed air hose, 1", 60 m	51	6.574-281.0		The compressed air hose (1", 60 m) for the Ice Blaster is very light and keeps its shape. Once the dry ice blasting is finished, the hose can be wound up again perfectly on the Kärcher hose reel.
Compressed air hose, 10 m	52	6.390-284.0		Foldable compressed air hose with inner diameter of 3/4" and length of 10 m.
Compressed air hose, 20 m	53	6.390-285.0		Foldable compressed air hose with inner diameter of 3/4" and length of 20 m.
Protective foil for IB spray hose, 100 m	54	6.667-214.0		100 m roll of hose foil. Protects the spray hose from contamination and damage. If the foil is damaged, it can easily be replaced.
<b>Protective equipment</b>				
Safety glasses	55	6.321-208.0		Safety goggles.
Protective gloves	56	6.321-210.0		Cold-protection glove in size 10 with slip-resistant profile (category 3 in accordance with EN 511, Level 12X EN 388, Level 2121).
Hearing protection	57	6.321-207.0		Effective hearing protection with average noise insulation of 35 dB(A) in accordance with SNR (Single Number Rating).
<b>Mounting kits and other accessories</b>				
Foam insert for case IB 15/120	58	5.365-369.0		Empty foam insert for the transport case with order no. 6.421-355.0. The insert is ready-made with matching spaces for different nozzles for dry ice blasting.
Case for nozzles and accessories	59	6.421-355.0		The storage case for spray nozzles can be easily attached with clips to the rear of the IB 15/120. The height of the nozzle case is 120 mm.
Y adapter, air supply	60	2.641-880.0		Y-adapter for connecting the air hose to two 1/4" quick coupling connections.
Wheel, puncture-proof, 305 × 105	61	6.515-002.0		Puncture-proof, fully foamed wheel with metal rim.
Earth wire rewinder	62	2.641-741.0		Automatic grounding cable retractor with about 6 m grounding cable and sturdy clamp. The grounding cable retractor reliably prevents static build-up on the object being blasted and prevents arcing between the object and nozzle.
Shovel	63	4.321-198.0		For filling the Ice Blaster tank with dry ice pellets.
Dry ice box, 25 kg	64	5.574-054.0		Polystyrene, white.
Dry ice box, 100 kg	65	5.574-053.0		Expanded polypropylene (EPP), black.
<b>Pelletizer</b>				
Extruder plate, 3 mm	66	6.574-046.0		High-quality extruder plate for creating 3 mm dry ice pellets.
	67	6.574-061.0		
	68	6.574-001.0		
Extruder plate, 1.7 mm	69	6.574-200.0		This extruder plate produces dry ice pellets 1.7 mm in diameter.
Extruder plate, 16 mm	70	6.574-060.0		High-quality extruder plate for creating 16 mm dry ice pellets.
	71	6.574-002.0		
	72	6.574-045.0		

■ NEW ■ Included in delivery. □ Available accessories. More Kärcher original accessories can be found on the following pages.



		Order No.	Price	Description
CO <sub>2</sub> detector with sensor	73	6.574-105.0		The CO <sub>2</sub> detector indicates the CO <sub>2</sub> concentration in the air. This attachment kit contains a CO <sub>2</sub> detector as well as a CO <sub>2</sub> sensor. Since CO <sub>2</sub> gas is heavier than air, the CO <sub>2</sub> sensor should be installed at the lowest point of the building.
Weighing unit, 800 × 600	74	6.574-198.0		Production control system for automatic filling. The pelletiser can be set to a certain production volume using the weighing unit. The pelletiser starts dry ice production automatically and stops as soon as the precise amount of dry ice has been produced. It produces the precise filling quantity. This attachment kit is ideal for automating the dry ice jet process and filling the ice blaster tank directly.
Weighing unit, 1000 × 1000	75	6.574-179.0		
	76	6.574-180.0		
Timer module	77	6.574-178.0		Production control system for automatic filling. The timer module can be used to set the pelletiser to a specific run time. The pelletiser automatically stops dry ice production when the set time has elapsed.
	78	6.574-181.0		
	79	6.574-197.0		

☐ Available accessories. More Kärcher original accessories can be found on the following pages.





## KÄRCHER PARTS CLEANERS – PART FOR PART PERFECTLY CLEANED

There is no room for compromise when it comes to modern parts cleaning. Kärcher parts cleaners are only made of high-quality materials. Intensive cleaning is carried out with solvent-free, water-based cleaning agents that effortlessly remove grease, oils, and other dirt. Using the correct cleaning agents preserves and protects components longer.



### Table of contents: Parts cleaning

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Cleaning agents	Page 796



**1 Parts cleaners – indispensable in industry and commerce**

Kärcher parts cleaners are essential to industrial manufacturing and maintenance. They thoroughly and gently clean dirty components and tools before or after processes such as welding and assembly. In vehicle workshops as well as service and maintenance companies: the best solution for cleaning motors, gearbox housings and machine parts. In addition to automatic parts cleaners, Kärcher offers manual biological parts cleaners that take things a step further: specialised microbes biologically degrade the dislodged dirt.

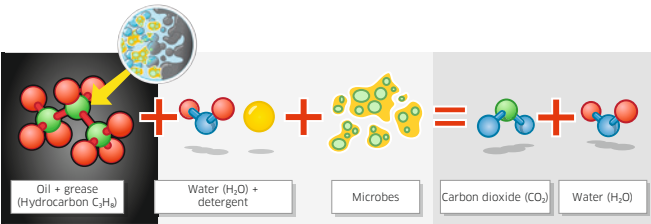


**2 Biological parts cleaning – a water-based solution**

The cleaning agent used is pH-neutral and dermatologically tested. The cleaning agent works without solvents and is therefore very environmentally friendly. It guarantees consistently high cleaning performance in combination with the microbes. There is no need to completely change and dispose of the detergent. As a result of biological degradation of the contaminants, use of the cleaning agent is theoretically unlimited. All the user needs to do is regularly top up evaporated liquid or liquid that has been used up during the work process.

**How to read the unit names:**

Model	Basket diameter	Load capacity	Machine class	Operating principle
Example: PC	60	130	T	
PC = Parts cleaner	Basket diameter in cm	Max. loading weight in kg	M2 = Manual, two-workplace T = Top loader	Bio = Microbes



The biological cleaning process under the microscope: organic substances are biologically broken down into carbon dioxide and water through the use of a water-based cleaning agent and microbes.

# BIOLOGICAL PARTS CLEANING



## Parts cleaner for industrial and commercial use

Thorough and eco-friendly: biological parts cleaners made from impact-resistant plastic are suitable for cleaning tools, motor components, and other parts contaminated with oil or grease up to a weight of 100 kg.



### 1 Convenient, safe, and economical

- Ergonomically arranged work area. High-quality, robust and durable materials guarantee a long service life.

### 2 Replaceable filter mat

- Cleanliness guaranteed: for the filtration of fine particles up to 50 µm and releasing fresh microbes. The metal strainer pre-filter removes fine and coarse dirt.

## PC 100 M2 Bio

- Washstand, large rinsing basin
- 1 tap, 2 brushes, 2 drains

### Technical data

Pressure	bar / MPa	0.3 / 0.03
Flow rate	l/h	900
Connection load	kW	1
Working area	mm	1041 × 660
Casing / frame		HDPE – plastic
Max. temperature	°C	40
Load capacity	kg	100
Tank capacity	l	80
Weight	kg	44
Dimensions (D × W × H)	mm	952 × 1181 × 1067
Voltage	V	220–240

### Equipment

Brush (pervaded with cleaning agent)	■
Tap	■
Water level control	■
Order No.	1.626-722.0
Price	

- Included in delivery.

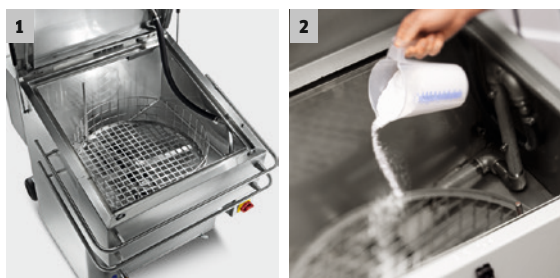


# AUTOMATIC PARTS CLEANING

## Effective and reliable



Production, maintenance, workshop, metal processing – automatic parts cleaners are very versatile. The parts cleaners work on the basis of aqueous solutions without solvents.



### 1 Automatic parts cleaners

- Robust and high-quality: all-stainless steel design; with three-dimensional nozzle system for excellent cleaning results.

### 2 Cleaning agents

- For light or stubborn dirt: Kärcher always has the right cleaning agent.

## PC 60/130 T

- Fully automatic parts cleaning
- Motor-driven rotary disc
- Three-dimensional nozzle system

### Technical data

Pressure	bar / MPa	1.5 / 0.15
Flow rate	l/h	4500
Connection load	kW	5.5
Working diameter	mm	600
Usable height	mm	310
Casing / frame		Stainless steel (1.4301)
Max. temperature	°C	80
Adjustable cleaning time	min.	1–30
Load capacity	kg	130
Tank capacity	l	100
Weight	kg	165
Dimensions (D × W × H)	mm	1080 × 1000 × 1250

### Equipment

Operating hour counter	■
Containment ring (stainless steel, for rotating plate)	■
Small parts cage with cover (stainless steel)	–
Oil separator	–
Timer for cleaning cycle	■
Water level control	■
Order No.	1.626-704.0
Price	

- Included in delivery.

## PARTS CLEANER ACCESSORIES



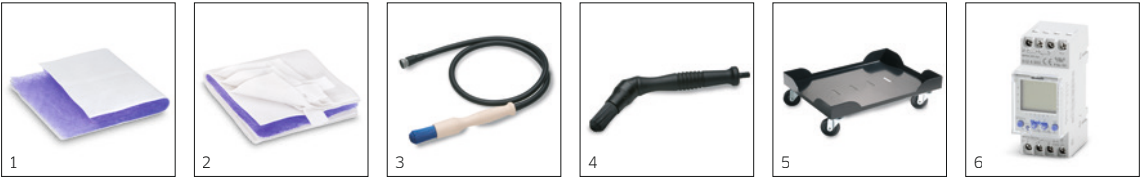
Kärcher offers high-quality accessories to extend the uses of parts cleaners. Kärcher also offers spare parts for service, maintenance and other uses. This increases the efficiency and useful life of the machines.

		Order No.	Price	Description
<b>Parts cleaner</b>				
Filter mat with microbes, 1-ply	1	6.626-041.0		The filter mat filters out dirt particles up to 50 µm. When the machine is initially filled, the microbes contained in the filter mat are washed into the tank and activated. The filter mat must be replaced every 4 to 8 weeks depending on the degree of contamination.
Filter mat with microbes, 3-ply	2	6.626-042.0		The filter mat filters out dirt particles up to 50 µm. When the machine is initially filled, the microbes contained in the filter mat are washed into the tank and activated. The multi-layer filter mat has three fleece layers. This means that the soiled layer on top can be removed after 1 to 2 weeks, leaving the next clean fleece layer underneath.
Flow-through brush, long hose	3	6.626-039.0		The brush is soaked in cleaning agent and used to remove dirt from parts. It has an extra-long hose.
Flow-through brush, angled	4	6.626-040.0		The angled cleaning brush is used to remove dirt from parts and can even get into tiny corners.
Roller cart	5	6.626-043.0		A trolley increases the flexibility of the machine by making it mobile.
Two-channel timer	6	6.631-551.0		Two-channel timer for fully automatic control of the heating system and oil separator of the parts cleaner. The heating system and oil separator can be programmed separately from each other for each day of the week.
Oil separator (skimmer) attachment kit	7	2.642-465.0		The oil separator (skimmer) considerably extends the useful life of the cleaning fluid. The oil in the cleaning fluid floats to the top when not in use, e.g. at night. The skimmer can then be used to remove this oil from the cleaning fluid.
Filtration attachment kit (250 µ)	8	2.642-193.0		The filter is mounted between the pump and the nozzles. The filter casing and sieve are made of high-grade stainless steel.
Small parts cage	9	6.626-086.0		Small parts cage.
Replacement filter sieve	10	6.626-081.0		Replacement filter sieve.

■ Included in delivery. □ Compatible accessories.

More Kärcher original accessories can be found on the following pages.





			PC 100 M2 Bio	PC 60/130 T
	1		<input type="checkbox"/>	
	2		<input type="checkbox"/>	
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# CLEANING DAILY - CLEANING EFFICIENTLY

Even with modern, efficient cleaning machines, manual cleaning remains a common practice in daily maintenance cleaning. Surfaces can be quickly and affordably cleaned by hand in places that machines cannot reach. And with the unparalleled precision and touch of the human hand. As the world's leading provider of cleaning technology, we are continuously expanding our range of professional and high-quality manual cleaning tools. The current product range is modular and divided into the areas of wet cleaning, dry cleaning and glass cleaning. Innovative cleaning and system solutions that you need and want.

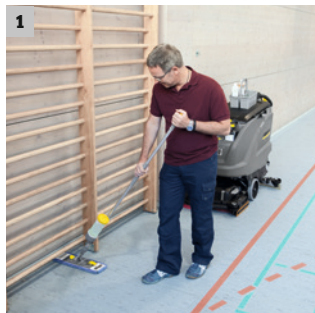


**Table of contents: Manual cleaning**

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Floor	Page 738	Cleaning agents	Page 776
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# MANUAL CLEANING EQUIPMENT

Dry and damp floor cleaning also involves sweeping and dusting. With these two procedures, loose coarse and fine dirt can be removed quickly and effectively. Adhesive dirt, on the other hand, calls for wet cleaning. With the help of manual tools from Kärcher, all manual procedures for floor cleaning can be carried out with ease. In addition to floor cleaning, glass and surface cleaning also play an important role in the Kärcher programme. The products are designed in such a way that the corresponding surfaces can be cleaned efficiently.



**1** Customers can avail of a full product range that includes cleaning machines, cleaning agents and manual cleaning equipment.



**2** To avoid cross-contamination, manual cleaning equipment can be divided according to locations of use by means of colour coding.



**3** Height, handling, handles, etc. are designed so that minimum effort is required on the part of the operator.



**4** Handles and attachments are all uniform, so there is a reduced need for replacement investment, since existing tools can be used.

High-quality, professional equipment is indispensable for daily cleaning of hard surfaces. Kärcher has the perfect basic equipment for this.



## **1 Daily cleaning of hard surfaces**

- Cleans all sensitive areas, wiped surfaces and hard surfaces.
- The efficient mop press makes for light work.
- 2 separate, colour-coded 15-litre buckets for optimal hygiene.



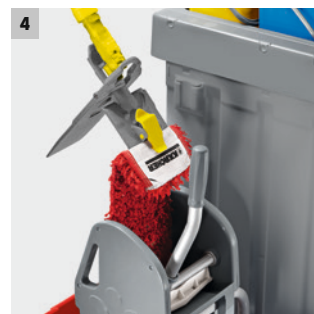
## **2 All on board**

- 3 drawers for storing all required utensils.
- 3 colour-coded buckets for different applications.
- Robust folding bin liner holder for extra cart storage.



## **3 Quick and easy**

- Much lighter than a bucket.
- Fast emptying and filling.
- Cleaning agent is dispensed at the push of a button.



## **4 Eco-friendly**

- Eco-friendly, with less waste.
- No more bending, mop clamps automatically in place.
- Improved hygiene, no contact with dirt and cleaning agents.

## TRANSPORT CART - PREMIUM

Trolley Hotel Premium I

NEW



Trolley Hotel Premium II

NEW



<b>Description</b>	High-quality hotel cart for 6 to 8 rooms. Includes fold-up 120-litre bin liner holder and thanks to the 125 mm wheels with bumpers, it is easy to manoeuvre, even with a heavy load.	125 mm wheels with bumpers enable easy manoeuvrability of this hotel cart with bin liner holder (120 litres), even with a heavy load. Suitable for 10 to 12 rooms.
<b>Dimensions (L x W x H) cm</b>	113 x 64 x 142.5	197 x 64 x 142.5
<b>Quantity piece(s)</b>	1	1
<b>PU</b>	1	1
<b>Order No.</b>	<b>6.999-224.0</b>	<b>6.999-225.0</b>
<b>Price</b>		

## TRANSPORT CART - CLASSIC

Trolley Hotel Classic I

NEW



Trolley Hotel Classic II

NEW







Trolley Hotel Classic III

NEW







<b>Description</b>	Hotel cart with fold-up 120-litre bin liner holder. The cart is suitable for 12 to 15 rooms and features three wooden shelves and five 125 mm wheels.	Suitable for cleaning 15 to 18 rooms: hotel cart with fold-up 120-litre bin liner holder, three wooden shelves and five 125 mm wheels.	A fold-up, 120-litre bin liner holder is included in the basic equipment of the hotel cart for 10 to 12 rooms. It also features three wooden shelves and five 125 mm wheels.
<b>Dimensions (L x W x H) cm</b>	117 x 53 x 128	127 x 53 x 128	107 x 53 x 128
<b>Quantity piece(s)</b>	1	1	1
<b>PU</b>	1	1	1
<b>Order No.</b>	<b>6.999-221.0</b>	<b>6.999-222.0</b>	<b>6.999-223.0</b>
<b>Price</b>			

## CLEANING TROLLEY - PREMIUM

	Trolley Clean Liner Classic I	Trolley Clean Liner Classic II	Trolley ECO!Clean Liner Press	Trolley Clean Liner Classic III
				
<b>Description</b>	Ergonomic, corrosion-resistant cleaning trolley made from 100% polypropylene. With two colour-coded 15-litre buckets and user-friendly universal press, fold-up bin liner holder, three colour-coded buckets and three drawers in different sizes.	With double bucket roller mop press and bin liner holder. For mop with flaps.	With double bucket mop press, covered 150-litre bin liner holder and closable drawer compartments.	With double bucket mop press and bin liner holder.
<b>Dimensions (L x W x H) cm</b>	128 x 65 x 110	92 x 65 x 110	140 x 65 x 110	92 x 65 x 110
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	1	1	1	1
<b>Order No.</b>	<b>5.999-044.0</b>	<b>6.999-080.0</b>	<b>6.999-162.0</b>	<b>6.999-163.0</b>
<b>Price</b>				

## CLEANING TROLLEY - PREMIUM

	Trolley ECO!Clean Liner	Trolley Clean Liner Classic IV	Trolley ECO!Clean Liner Mini	Trolley Clean Liner Classic Light Duty
				
<b>Description</b>	Compact, flexible, ergonomic, robust and corrosion-resistant cleaning trolley made from 100% polypropylene. With practical storage options for easy handling. Protected bin liner holder, can be operated using the foot pedal.	Fast wet cleaning system with pre-conditioning and bin liner holder.	Fast wet cleaning system with pre-conditioning and covered bin liner holder.	Ergonomic cleaning trolley with two 15-litre and three 4-litre buckets, mop box and fold-up 120-litre bin liner holder. The cart is made from polypropylene, meaning it is corrosion-resistant.
<b>Dimensions (L x W x H) cm</b>	108 x 53 x 115	78 x 58 x 109	84 x 60 x 109	128 x 52 x 110
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	1	1	1	1
<b>Order No.</b>	<b>5.999-021.0</b>	<b>6.999-164.0</b>	<b>6.999-165.0</b>	<b>6.999-190.0</b>
<b>Price</b>				

NEW

## CLEANING TROLLEY - PREMIUM

### Trolley ECO!First Liner



<b>Description</b>	Corrosion-resistant cleaning trolley made from 100% polypropylene. Perfect for quick and easy maintenance cleaning. Protected bin liner holder, can be operated using the foot pedal.		
<b>Dimensions (L x W x H) cm</b>	66	52	110
<b>Quantity piece(s)</b>	1		
<b>PU</b>	1		
<b>Order No.</b>	5.999-019.0		
<b>Price</b>			

## CLEANING TROLLEY - CLASSIC

### Trolley Classic I



NEW

### Trolley Classic II



NEW

### Trolley Classic III



NEW

### Trolley Classic IV



NEW

<b>Description</b>	Ideal for quick maintenance cleaning: cleaning trolley with two colour-coded 4-litre buckets.	Cleaning trolley with user-friendly mop press and two colour-coded 4-litre and 15-litre buckets.	Generous storage space included: cleaning trolley with four colour-coded 4-litre buckets, mop press and a removable double bucket cart.	With mop press for flexible application: cleaning trolley with generous storage space and four 4-litre and two 15-litre buckets. All buckets are colour-coded.
<b>Dimensions (L x W x H) cm</b>	107 x 66 x 112	107 x 66 x 112	140 x 65 x 112	135 x 65 x 112
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	1	1	1	1
<b>Order No.</b>	6.999-216.0	6.999-217.0	6.999-218.0	6.999-219.0
<b>Price</b>				



## CLEANING TROLLEY - CLASSIC

### Trolley Classic V



<b>Description</b>	Cleaning trolley with generous storage space for preconditioning. Includes two 20-litre mop boxes and four colour-coded 4-litre buckets.		
<b>Dimensions (L x W x H)</b>	<b>cm</b>	114 x 52 x 112	
<b>Quantity</b>	<b>piece(s)</b>	1	
<b>PU</b>		1	
<b>Order No.</b>		<b>6.999-220.0</b>	
<b>Price</b>			

## MOBILE BUCKET CART

### Bucket cart with press 28 l



### Double bucket cart with press 2 x 15 l



### Double bucket cart with press 2 x 25 l



### Single mobile bucket with press 25 l



Description	Well-balanced, corrosion-resistant bucket cart made from 100% polypropylene. With 25-litre bucket and efficient roller press, large handle and additional storage space for accessories.	Very mobile, corrosion-resistant double bucket cart made from 100% polypropylene. With colour-coded 15-litre buckets and user-friendly mop press. Very hygienic and easy to clean.	Double bucket cart made from 100% polypropylene. Corrosion-resistant, very mobile and equipped with mop press and two colour-coded 25-litre buckets. Very hygienic and easy to clean.	This very mobile and corrosion-resistant single mobile bucket includes a mop press and a blue 25-litre bucket. Made from high-quality plastic.	
Dimensions (L x W x H)	cm	43 x 71 x 97	66 x 43 x 88	73 x 45 x 93	53 x 43 x 91
Quantity	piece(s)	1	1	1	1
PU		1	1	1	1
Order No.		6.999-021.0	6.999-025.0	6.999-209.0	6.999-207.0
Price					

## MOBILE BUCKET CART

Single mobile bucket with press and  
"U" sliding handle 25 l



Single mobile bucket with handle 25 l



<b>Description</b>	Single mobile bucket made from high-quality plastic, corrosion-resistant and very mobile. With "U" sliding handle, mop press and a blue 25-litre bucket.	Very mobile, corrosion-resistant single mobile bucket made from high-quality plastic with side sliding handle. With a blue 25-litre bucket and user-friendly mop press.
<b>Dimensions (L × W × H) cm</b>	62 × 43 × 91	53 × 43 × 93
<b>Quantity piece(s)</b>	1	1
<b>PU</b>	1	1
<b>Order No.</b>	<b>6.999-208.0</b>	<b>6.999-210.0</b>
<b>Price</b>		

## CLEANING BUCKET

Bucket with mop press 15 l



<b>Description</b>	15-litre bucket with carrying handle and a mop roller press that can be operated using a foot pedal on the bucket. The simple system is perfect for cleaning small surfaces.
<b>Dimensions (L × W × H) cm</b>	46 × 32 × 36
<b>Quantity piece(s)</b>	1
<b>PU</b>	1
<b>Order No.</b>	<b>6.999-227.0</b>
<b>Price</b>	

# ACCESSORIES



		Order No.	Number of items	PU	Description	Price
<b>Cleaning trolley and accessories</b>						
ECO!First Liner Console	1	5.999-020.0	1	1	In combination with ECO!First Liner Trolley 5.999-019.0. Additional space for cleaning equipment.	
Bucket, yellow (4 l)	2	5.999-049.0	1	1	Yellow 4-litre bucket with colour-coded cleaning system.	
Bucket, red (4 l)	3	5.999-050.0	1	1	Red 4-litre bucket with colour-coded cleaning system.	
Bucket, blue (4 l)	4	5.999-051.0	1	1	Blue 4-litre bucket with colour-coded cleaning system.	
Bucket, green (4 l)	5	6.999-186.0	1	1	Green 4-litre bucket with colour-coded cleaning system.	
Hinged lid for bucket (4 l)	6	6.999-187.0	1	1	Replacement hinged lid for our colour-coded 4-litre buckets with order nos. 5.999-049.0, 5.999-050.0, 5.999-051.0 and 6.999-186.0.	
Accessories holder, double bucket cart	7	6.999-077.0	1	10	In combination with double bucket cart 6.999-025.0. For additional equipment or bottles.	
Blue laundry net with strap (50 l)	8	6.999-128.0	1	10	For storage and for gentle washing of used mops in the washing machine. In blue. Capacity: 50 l.	
Red laundry net with strap (20 l)	9	6.999-129.0	1	10	For storage and for gentle washing of used mops in the washing machine. In red. Capacity: 20 l.	
White laundry net with strap (70 l)	10	6.999-130.0	1	10	For storage and for gentle washing of used mops in the washing machine. In neutral white. Capacity: 70 l.	
Mop box blue with lid (10 l)	11	6.999-199.0	■ 1	1	Blue mop box with 10-litre volume, for preconditioning mop covers. Available in combination with Premium cleaning trolley 5.999-021.0, 6.999-164.0 and 6.999-165.0, 6.999-190.0.	
Mop box red with lid (10 l)	12	6.999-200.0	■ 1	1	For preconditioning mop covers: red mop box with 10 l volume. Available in combination with our ECO!Clean Liner cleaning trolley, order no. 5.999-021.0.	
Roller press	13	6.999-195.0	■ 1	1	Replacement roller press for cleaning trolley 6.999-080.0 and mobile bucket cart 6.999-021.0.	
Mop press	14	6.999-196.0	■ 1	1	Roller press (spare part). Suitable for the Premium and Classic cleaning trolleys and for mobile bucket carts.	
Mop rest	15	6.999-192.0	■ 1	1	Rest for mop holder. Suitable for all cleaning trolleys and the Classic transport trolley.	
PVC bin liner with zipper, red (120 l)	16	6.999-160.0	1	1	Plastic bin liner. May be used for Clean Liner Classic Trolleys.	
PVC bin liner with zipper, blue (120 l)	17	6.999-161.0	1	1	Plastic bin liner. May be used for Clean Liner Classic Trolleys.	
PVC bin liner with zipper (120 l)	18	6.999-228.0	■ 1	1	Plastic bin liner. Suitable for all transport and cleaning trolleys.	
Drawer with key (40 l)	19	6.999-177.0	1	1	40-litre replacement drawer with key for Premium cleaning trolley.	
Drawer with key (22 l)	20	6.999-176.0	1	1	22-litre replacement drawer with key for Premium cleaning trolley.	
Drawer with key (10 l)	21	6.999-204.0	■ 1	1	10-litre replacement drawer with key for Premium cleaning trolley.	

■ NEW More Kärcher original accessories can be found on the following pages.

## SWEEPING

Litter picker 100 cm



Dustpan with rubber profile with sweeping slide



ECO!Broom and waste container



<b>Description</b>	For picking up coarse dirt conveniently.	The sweep-collect system, consisting of a sweeping slide and dustpan with an ergonomic handle and rubber profile, is perfect for removing coarse and wet dirt.	Ideal for working with one hand: the very lightweight ECO!Broom features a waste container for removing coarse dirt and a squeegee which adapts to the ground conditions.
<b>Dimensions (L × W × H) cm</b>	100	32 × 15 × 96	28 × 29 × 85
<b>Quantity piece(s)</b>	1	1	1
<b>PU</b>	10	1	1
<b>Order No.</b>	<b>6.999-113.0</b>	<b>6.999-191.0</b>	<b>6.999-226.0</b>
<b>Price</b>			

## SWEEPING AND SCRAPING

Broom PVC 35 cm



Broom 60 cm



Scraper, short handle



Scraper, long handle



<b>Description</b>	In combination with aluminium handle 6.999-115.0 and aluminium telescopic handle 6.999-100.0.	In combination with wooden handle 6.999-117.0.	For removing chewing gum, paint residue and coarse dirt on smooth surfaces.	
<b>Dimensions (L × W × H) cm</b>	35	60	24 × 10.5	32 × 10.5
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	10	10	25	25
<b>Order No.</b>	<b>6.999-114.0</b>	<b>6.999-116.0</b>	<b>6.999-126.0</b>	<b>6.999-127.0</b>
<b>Price</b>				

## DUST BINDING – DUST MOP COVERS

Cotton dust mop  
60 cm

Cotton dust mop  
80 cm

Cotton dust mop  
110 cm

Cotton dust mop  
120 cm



<b>Description</b>	100% cotton. For dry mopping medium-sized surfaces. For dust mop holder 6.999-092.0.	100% cotton. For dry mopping large surfaces. For dust mop holder 6.999-093.0.	100% cotton. For dry mopping large surfaces. For dust mop holder 6.999-107.0.	100% cotton. For dry mopping large surfaces. For dust mop holder 6.999-108.0.
<b>Dimensions (L × W × H) cm</b>	60 × 13	80 × 13	110 × 13	120 × 13
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	30	30	15	15
<b>Order No.</b>	<b>6.999-090.0</b>	<b>6.999-091.0</b>	<b>6.999-109.0</b>	<b>6.999-110.0</b>
<b>Price</b>				

## DUST BINDING – DUST MOP COVERS


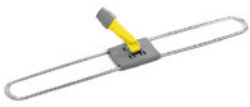


Acrylic dust mop 60 cm

Acrylic dust mop 80 cm



<b>Description</b>	For dry mopping medium-sized surfaces. For dust mop holder 6.999-092.0.	For dry mopping large surfaces. For dust mop holder 6.999-093.0.
<b>Dimensions (L × W × H) cm</b>	60 × 13	80 × 13
<b>Quantity piece(s)</b>	1	1
<b>PU</b>	30	30
<b>Order No.</b>	<b>6.999-148.0</b>	<b>6.999-149.0</b>
<b>Price</b>		

## DUST BINDING - HOLDERS

	Dust mop holder 60 cm	Dust mop holder 80 cm	Rigid dust mop holder 110 cm	Rigid dust mop holder 120 cm
				
<b>Description</b>	In combination with aluminium handle 6.999-096.0 or telescopic handle 6.999-111.0. For dust mop 6.999-090.0 and 6.999-148.0.	In combination with aluminium handle 6.999-096.0 or telescopic handle 6.999-111.0. For dust mop 6.999-091.0 and 6.999-149.0.	In combination with aluminium handle 6.999-096.0 or telescopic handle 6.999-111.0.	
<b>Dimensions (L × W × H) cm</b>	60 × 9	80 × 9	110 × 9	120 × 9
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	30	30	10	10
<b>Order No.</b>	<b>6.999-092.0</b>	<b>6.999-093.0</b>	<b>6.999-107.0</b>	<b>6.999-108.0</b>
<b>Price</b>				

## DUST BINDING - HOLDERS

	Holder with squeegees 40 cm	Holder with squeegees 60 cm	Duster ECO 540	Pad sole, corrugated
				
<b>Description</b>	Structured slat holder (40 cm) for daily maintenance cleaning with dust binding cloths 3.337-999.0, 3.338-003.0, 3.338-004.0 and 3.338-006.0. With fixing system for convenient application.	Very hygienic, easy-to-sterilise slat holder (60 cm) for daily maintenance cleaning with dust binding cloths 3.337-999.0, 3.338-003.0, 3.338-004.0 and 3.338-006.0.	For perfect dusting with the corresponding dust binding cloths.	For duster ECO 540.
<b>Dimensions (L × W × H) cm</b>	40 × 11	60 × 11	58 × 10	58 × 10
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	1	1	20	10
<b>Order No.</b>	<b>6.999-057.0</b>	<b>6.999-152.0</b>	<b>3.335-752.0</b>	<b>3.335-856.0</b>
<b>Price</b>				



## DUST BINDING – DUST BINDING CLOTHS

Dust binding cloth  
neolinn BASIC

NEW



Dust binding cloth  
neolinn CLASSIC

NEW



Dust binding cloth roll  
neolinn CLASSIC

NEW



Dust binding cloth  
neolinn ECO

NEW



Description	Oil-impregnated disposable cloth for all smooth floor coverings.	Disposable cloth with special adhesive for all smooth floor coverings, surfaces and objects.		Oil-impregnated disposable cloth for all smooth floor coverings.
Dimensions (L × W × H) cm	60 × 30	60 × 26	32 × 20	60 × 24
Quantity piece(s)	50	25	900	1000
PU	8	18	1	1
Order No.	3.337-999.0	3.338-004.0	3.338-003.0	3.338-006.0
Price				

## WET CLEANING

Pad holder, hand

Pad, white

Pad, green

Rubber squeegee  
55 cm



Description	For cleaning corners and edges that machines cannot reach. For white pad 6.999-102.0 and green pad 6.999-103.0.	For cleaning corners and edges that machines cannot reach. For hand pad holder 6.999-101.0 and pad holder with joint 6.999-158.0.		Plastic water squeegee.
Dimensions (L × W × H) cm	23 × 10	24.5 × 12 × 2	24.5 × 12 × 2	55
Quantity piece(s)	1	1	1	1
PU	12	12	12	10
Order No.	6.999-101.0	6.999-102.0	6.999-103.0	6.999-089.0
Price				

## WET CLEANING

Chain barrier, 1 m.



Stopper with handle



NEW

Description	Yellow chain barrier made from polypropylene. Length: 1 metre.	Ergonomic universal door stopper with rubber edge and aluminium handle. Suitable for any type of door.
Dimensions (L × W × H) cm	100	15.7 × 7.9 × 90
Quantity piece(s)	1	1
PU	10	6
Order No.	6.999-185.0	6.999-206.0
Price		

## WET CLEANING - MOP COVERS

Cotton mop

Microfibre mop, short fibre





Microfibre mop, loop

Microfibre mop, short fibre, abrasive







Description	100% cotton. Flap. For mop holder 6.999-098.0.	Microfibre, short fibre. Flap. For mop holder 6.999-098.0.	Microfibre loop mop. Flap. For mop holder 6.999-098.0.	Microfibres and PP fibres for more abrasive cleaning power. Flap. Perfect for non-slip tiles. For mop holder 6.999-098.0.
Dimensions (L × W × H) cm	40 × 13	40 × 13	40 × 13	40 × 13
Quantity piece(s)	1	1	1	1
PU	25	25	25	25
Order No.	6.999-094.0	6.999-095.0	6.999-097.0	6.999-099.0
Price				

## WET CLEANING – MOP COVERS

	Microfibre mop, short fibre, abrasive	Microfibre mop, short fibre	ECO!Mop set, red	ECO!Mop set, blue
				
<b>Description</b>	Microfibres and PP fibres for more abrasive cleaning power. Perfect for non-slip tiles. Pocket attachment.	Microfibre, short fibre. Pocket attachment.	Microfibre loop mop for excellent dirt pick-up. Pocket attachment.	
<b>Dimensions (L × W × H) cm</b>	40 × 13	40 × 13	40 × 13	40 × 13
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	25	25	25	25
<b>Order No.</b>	<b>6.999-131.0</b>	<b>6.999-132.0</b>	<b>6.999-136.0</b>	<b>6.999-143.0</b>
<b>Price</b>				

## WET CLEANING – MOP COVERS

	Microfibre mop, white	Cotton mop	Basic cotton mop	Basic microfibre mop
				
<b>Description</b>	Microfibre mop for excellent dirt pick-up. Pocket attachment.	Cotton mop for excellent water absorption. Pocket attachment.	With pocket and flap, as well as loops on the inside and fringes outside.	With pocket and flap, as well as abrasive strips for more effective dirt removal.
<b>Dimensions (L × W × H) cm</b>	40 × 13	40 × 13	40 × 13	40 × 13
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	25	25	50	50
<b>Order No.</b>	<b>6.999-146.0</b>	<b>6.999-147.0</b>	<b>3.337-959.0</b>	<b>3.337-957.0</b>
<b>Price</b>				

## WET CLEANING - MOP HOLDERS

Mop holder, flaps, 40 cm



Mop holder with clip, 40 cm



<b>Description</b>	In combination with aluminium handle 6.999-096.0 or telescopic handle 6.999-111.0.	
<b>Dimensions (L × W × H) cm</b>	40 × 11	40 × 11
<b>Quantity piece(s)</b>	1	1
<b>PU</b>	10	10
<b>Order No.</b>	<b>6.999-098.0</b>	<b>6.999-144.0</b>
<b>Price</b>		

## WET CLEANING - MOP SYSTEMS

ECO!Mop system,  
97 – 184 cm

Mop system



ECO!Spray mop system

Red replacement  
bottle, 650 ml.

<b>Description</b>	Mop holder including telescopic handle. Thanks to the pocket attachment, mops can be switched quickly and easily. In addition, mops are fastened with a clip, so there is no need to bend down. Locking option on the universal joint, making it ideal for vertical cleaning tasks.	Includes mop holder, 140 cm aluminium handle and mop clip.	Spray mop system with 0.66-litre bottle and spray unit. The cleaning solution is sprayed directly onto the mop and ensures fast and ergonomic cleaning of small areas.	Red replacement bottle with 650 ml filling capacity for spray mop with order no. 5.999-045.0.
<b>Dimensions (L × W × H) cm</b>	40 × 184	40 × 140	40 × 155	8.5 × 8.5 × 26
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	1	1	1	1
<b>Order No.</b>	<b>5.999-024.0</b>	<b>6.999-145.0</b>	<b>5.999-045.0</b>	<b>6.999-166.0</b>
<b>Price</b>				

## WET CLEANING – MOP SYSTEMS

Green replacement  
bottle, 650 ml



Blue replacement  
bottle, 650 ml



Yellow replacement  
bottle, 650 ml



Grey replacement  
bottle, 650 ml



<b>Description</b>	Green replacement bottle with 650 ml filling capacity for spray mop with order no. 5.999-045.0.	Blue replacement bottle with 650 ml filling capacity for spray mop with order no. 5.999-045.0.	Yellow replacement bottle with 650 ml filling capacity for spray mop with order no. 5.999-045.0.	Grey replacement bottle with 650 ml filling capacity for spray mop with order no. 5.999-045.0.
<b>Dimensions (L × W × H) cm</b>	8.5 × 8.5 × 26	8.5 × 8.5 × 26	8.5 × 8.5 × 26	8.5 × 8.5 × 26
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	1	1	1	1
<b>Order No.</b>	<b>6.999-167.0</b>	<b>6.999-168.0</b>	<b>6.999-169.0</b>	<b>6.999-170.0</b>
<b>Price</b>				

## WET CLEANING – WARNING SIGNS

Caution wet floor sign,  
German



Caution wet floor sign,  
English



Caution wet floor sign,  
Russian



Warning sign for door






NEW

<b>Description</b>	Clearly visible warning sign. Quick to erect.			Hanging sign "STOP - no access" with suction cup.
<b>Dimensions (L × W × H) cm</b>	22 × 54	22 × 54	22 × 54	50 × 30
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	5	5	5	10
<b>Order No.</b>	<b>6.999-104.0</b>	<b>6.999-105.0</b>	<b>6.999-106.0</b>	<b>6.999-229.0</b>
<b>Price</b>				

## SCRAPING

	Scraper, short handle	Scraper, long handle	Replacement blades for scraper
			
<b>Description</b>	For removing chewing gum, paint residue and coarse dirt on smooth surfaces.		For scraper, short handle 6.999-126.0 and scraper, long handle, 10 cm 6.999-127.0.
<b>Dimensions (L × W × H) cm</b>	24 × 10.5	32 × 10.5	10
<b>Quantity piece(s)</b>	1	1	25
<b>PU</b>	25	25	10
<b>Order No.</b>	<b>6.999-126.0</b>	<b>6.999-127.0</b>	<b>6.999-076.0</b>
<b>Price</b>			

## DUST BINDING

	ECO!Duster 97-184 cm	Feather duster holder 60 cm	Microfibre cover for feather duster 60 cm
			
<b>Description</b>	Brush with curved dust bristles for effective removal of spiders' webs or for removing dust on pipes, etc.	Flexible holder for dusting and cleaning hard-to-access or uneven surfaces such as radiators, cupboards, walls, etc. Also in combination with telescopic handle 6.999-111.0.	Microfibre cover for feather duster holder 60 cm 6.999-150.0.
<b>Dimensions (L × W × H) cm</b>	184	60 × 6	60 × 8
<b>Quantity piece(s)</b>	1	1	1
<b>PU</b>	1	6	12
<b>Order No.</b>	<b>5.999-027.0</b>	<b>6.999-150.0</b>	<b>6.999-151.0</b>
<b>Price</b>			



## DAMP AND WET CLEANING

Hand pad holder, velcro fastener 30 cm

Microfibre cover for hand pad holder

Microfibre cover, glass, for hand pad holder

Microfibre cloth, glass



<b>Description</b>	Ideal for all washable surfaces such as glass, stainless steel, ceramics, desks, etc. Large supporting surface, making it very efficient.	Ideal for walls, floors, corners, etc. In combination with hand pad holder, velcro fastener 30 cm 6.999-119.0.	Perfect on smooth and shiny surfaces. In combination with hand pad holder, velcro fastener 30 cm 6.999-119.0.	Perfect on smooth and shiny surfaces.
<b>Dimensions (L x W x H) cm</b>	30 x 8	30 x 12	30 x 12	40 x 40
<b>Quantity piece(s)</b>	1	1	5	5
<b>PU</b>	12	25	5	40
<b>Order No.</b>	<b>6.999-119.0</b>	<b>6.999-118.0</b>	<b>6.999-142.0</b>	<b>6.999-155.0</b>
<b>Price</b>				

## DAMP AND WET CLEANING – CLEANING CLOTHS

Microspun microfibre cloth, red

Microspun microfibre cloth, blue

Microspun microfibre cloth, yellow

Microspun microfibre cloth, green

NEW

NEW

NEW

NEW



<b>Description</b>	Fine microfibre cloth with high cleaning performance.			
<b>Dimensions (L x W x H) cm</b>	38 x 37.5	38 x 37.5	38 x 37.5	38 x 37.5
<b>Quantity piece(s)</b>	10	10	10	10
<b>PU</b>	10	10	10	10
<b>Order No.</b>	<b>3.338-247.0</b>	<b>3.338-248.0</b>	<b>3.338-249.0</b>	<b>3.338-250.0</b>
<b>Price</b>				

## DAMP AND WET CLEANING – CLEANING CLOTHS

Velour microfibre cloth, red    Velour microfibre cloth, blue    Velour microfibre cloth, yellow    Velour microfibre cloth, green

NEW

NEW

NEW

NEW



<b>Description</b>	Woven silk velour cloth with high cleaning performance.			
<b>Dimensions (L × W × H) cm</b>	40 × 40	40 × 40	40 × 40	40 × 40
<b>Quantity piece(s)</b>	10	10	10	10
<b>PU</b>	20	20	20	20
<b>Order No.</b>	<b>3.338-264.0</b>	<b>3.338-266.0</b>	<b>3.338-268.0</b>	<b>3.338-270.0</b>
<b>Price</b>				

## DAMP AND WET CLEANING – CLEANING CLOTHS

Premium microfibre cloth, red    Premium microfibre cloth, blue    Premium microfibre cloth, yellow    Premium microfibre cloth, green

NEW

NEW

NEW

NEW



<b>Description</b>	Knitted microfibre cloth with impressive dirt pick-up.			
<b>Dimensions (L × W × H) cm</b>	40 × 40	40 × 40	40 × 40	40 × 40
<b>Quantity piece(s)</b>	10	10	10	10
<b>PU</b>	20	20	20	20
<b>Order No.</b>	<b>3.338-272.0</b>	<b>3.338-274.0</b>	<b>3.338-276.0</b>	<b>3.338-278.0</b>
<b>Price</b>				

## DAMP AND WET CLEANING – CLEANING CLOTHS












Multi-purpose cloth, red	Multi-purpose cloth, blue	Multi-purpose cloth, yellow	Multi-purpose cloth, green
			

<b>Description</b>	Universal cleaning cloth for daily work.			
<b>Dimensions (L × W × H) cm</b>	40 × 38	40 × 38	40 × 38	40 × 38
<b>Quantity piece(s)</b>	10	10	10	10
<b>PU</b>	10	10	10	10
<b>Order No.</b>	<b>3.338-260.0</b>	<b>3.338-261.0</b>	<b>3.338-262.0</b>	<b>3.338-263.0</b>
<b>Price</b>				

# COMBINATIONS





































## Handle - holder

Hand Tools										
										
		6.999-144.0	6.999-098.0	6.999-092.0 6.999-093.0	6.999-107.0 6.999-108.0	6.999-057.0 6.999-152.0	6.999-089.0	6.999-158.0	6.999-150.0	3.335-752.0
	6.999-096.0	■	■	■	■	■	■	■		■
	6.999-111.0	■	■	■	■	■	■	■	■	■

## Handle - attachment

				
		6.999-126.0	6.999-114.0	6.999-116.0
	6.999-100.0	■	■	
	6.999-115.0		■	
	6.999-117.0			■

## Mop cover - holder

											
		6.999-144.0	6.999-098.0	6.999-057.0 6.999-152.0	3.335-752.0	6.999-092.0	6.999-093.0	6.999-107.0	6.999-108.0	6.999-119.0	6.999-158.0 6.999-101.0
	3.337-959.0	■									
	3.337-957.0	■									
	6.999-136.0	■									
	6.999-143.0	■									
	6.999-131.0	■									
	6.999-132.0	■									
	6.999-146.0	■									
	6.999-147.0	■									
	6.999-094.0		■								
	6.999-097.0		■								
	6.999-095.0		■								
	6.999-099.0		■								
	3.335-856.0				■						
	3.337-999.0			■	■						
	3.338-004.0			■	■						
	3.338-003.0			■	■						
	3.338-006.0			■	■						
	6.999-090.0					■					
	6.999-091.0						■				
	6.999-148.0					■					
	6.999-149.0						■				
	6.999-109.0							■			
	6.999-110.0								■		
	6.999-118.0									■	
	6.999-142.0									■	
	6.999-102.0										■
	6.999-103.0										■

## WASHERS




	White Star washer	White Star washer	White Star washer	Blue Star washer
	NEW	NEW	NEW	NEW
				
<b>Description</b>	Made from high-quality fibres, long-pile for fast cleaning of glass and surfaces.			Blended fabric made from PES and microfibres, long-pile, high water and dirt pick-up.
<b>Dimensions (L × W × H) cm</b>	25	35	45	25
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	10	10	10	10
<b>Order No.</b>	<b>3.345-497.0</b>	<b>3.345-128.0</b>	<b>3.345-129.0</b>	<b>3.345-498.0</b>
<b>Price</b>				

## WASHERS





	Blue Star washer	Blue Star washer	Microfibre washer	Microfibre washer
	NEW	NEW	NEW	NEW
				
<b>Description</b>	Blended fabric made from PES and microfibres, long-pile, high water and dirt pick-up.		Microfibre cover with high water absorption and powerful cleaning action.	
<b>Dimensions (L × W × H) cm</b>	35	45	25	35
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	10	10	10	10
<b>Order No.</b>	<b>3.345-130.0</b>	<b>3.345-131.0</b>	<b>3.345-499.0</b>	<b>3.345-132.0</b>
<b>Price</b>				






## WASHERS

	Microfibre washer	Pad Strip washer	Pad Strip washer
	NEW	NEW	NEW
			
<b>Description</b>	Microfibre cover with high water absorption and powerful cleaning action.		Blended fabric made from high-quality fibres, short-pile with additional pad surface.
<b>Dimensions (L × W × H) cm</b>	45	35	45
<b>Quantity piece(s)</b>	1	1	1
<b>PU</b>	10	10	10
<b>Order No.</b>	3.345-133.0	3.345-134.0	3.345-135.0
<b>Price</b>			




## T-BEAMS

	Aluminium T-beam	Aluminium T-beam	Aluminium T-beam	Bionic T-beam, movable
	NEW	NEW	NEW	NEW
				
<b>Description</b>	Light and sturdy, high-quality finish, reliable when using telescopic lance.			Flexible, handle is individually adjustable by 45°, rests securely in the hand and provides reliable support when using the telescopic lance.
<b>Dimensions (L × W × H) cm</b>	25	35	45	35
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	10	10	10	10
<b>Order No.</b>	3.345-500.0	3.345-136.0	3.345-137.0	3.345-138.0
<b>Price</b>				





## T-BEAMS

	Bionic T-beam, movable	Bionic T-beam	Bionic T-beam
			
	NEW	NEW	NEW
<b>Description</b>	Flexible, handle is individually adjustable by 45°, rests securely in the hand and provides reliable support when using the telescopic lance.	Ergonomic shape, secure hold, perfect for use with the telescopic lance.	
<b>Dimensions (L × W × H) cm</b>	45	35	45
<b>Quantity piece(s)</b>	1	1	1
<b>PU</b>	10	10	10
<b>Order No.</b>	3.345-139.0	3.345-140.0	3.345-141.0
<b>Price</b>			



## WINDOW WIPER HANDLES

	Bionic quick-release handle	Bionic wiper handle, movable	Soft grip wiper handle
			
	NEW	NEW	NEW
<b>Description</b>	Ergonomic shape, secure hold, fast and easy rail replacement.	Ergonomic shape, 180° adjustable working angle, robust design.	Soft grip design for easy handling, easy rail replacement.
<b>Dimensions (L × W × H) cm</b>	15.5 × 10 × 4	20 × 8.5 × 3	14 × 9 × 3
<b>Quantity piece(s)</b>	1	1	1
<b>PU</b>	15	20	20
<b>Order No.</b>	3.345-142.0	3.345-143.0	3.345-144.0
<b>Price</b>			

## WIPER RAILS

	V-rail, stainless steel	V-rail, stainless steel	V-rail, stainless steel	V-rail, stainless steel
	NEW	NEW	NEW	NEW
				
<b>Description</b>	Professional rail made from stainless steel with V cut-out, adjustable rail position.			
<b>Dimensions (L × W × H) cm</b>	25	35	45	55
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	25	25	25	25
<b>Order No.</b>	<b>3.345-145.0</b>	<b>3.345-146.0</b>	<b>3.345-147.0</b>	<b>3.345-148.0</b>
<b>Price</b>				

## WINDOW SCRAPERS

	Glass scraper	Bionic window scraper	Window and floor scraper, 25 cm long	Window and floor scraper, 120 cm long
		NEW	NEW	NEW
				
<b>Description</b>	Ideal for cleaning glass or other smooth glass surfaces.	Ergonomic handle, large scraper surface, secure and sturdy, perfect for using with the telescopic lance.	More power thanks to the 25 cm handle, with protective cover for increased safety.	With 120 cm handle for easy operation, with protective cover for increased safety.
<b>Dimensions (L × W × H) cm</b>	9.5 × 5	10	25 × 10	120 × 10
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	50	10	10	10
<b>Order No.</b>	<b>6.999-156.0</b>	<b>3.345-151.0</b>	<b>3.345-153.0</b>	<b>3.345-154.0</b>
<b>Price</b>				

## WASH BRUSHES

Wash brush, soft



NEW

Wash brush, hard



NEW

Adapter for wash brush R 1/4"



NEW

Description	With soft synthetic bristles and brass thread.	With hard synthetic bristles and brass thread.	Suitable for all standard wash brushes.
Dimensions (L × W × H) cm	30	30	4.5 × 2 × 2
Quantity piece(s)	1	1	1
PU	1	1	1
Order No.	3.345-181.0	3.345-182.0	3.345-164.0
Price			

## BELT AND HOLSTER

Holster



NEW





Belt for holster







NEW

Description	Ideal for working on a ladder, suitable for window wipers and washers.	Fits holster.
Dimensions (L × W × H) cm	4.1 × 9.5 × 10	90 × 0.5 × 6
Quantity piece(s)	1	1
PU	5	5
Order No.	3.345-171.0	3.345-172.0
Price		

## BUCKET

	Bucket 22 l	Lid	Stainless steel strainer	Replacement rollers
				
<b>Description</b>	Rectangular bucket for 45 cm washers.	For 22-litre bucket.		
<b>Dimensions (L × W × H) cm</b>	48 × 24 × 24	48 × 24 × 24	42 × 10 × 11.5	8.5 × 5.5 × 4.5
<b>Quantity piece(s)</b>	1	1	1	4
<b>PU</b>	6	1	1	1
<b>Order No.</b>	<b>3.345-173.0</b>	<b>3.345-174.0</b>	<b>3.345-175.0</b>	<b>3.345-176.0</b>
<b>Price</b>				

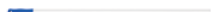
## WATER SQUEEGEES

	Squeegee, reinforced	Squeegee, reinforced	Water squeegee, reinforced, oil-resistant	Water squeegee for hygienic areas
				
<b>Description</b>	For difficult tasks, dries floors streak-free.		Oil-resistant for difficult tasks, dries floors streak-free.	For hygienic areas, dries floors streak-free.
<b>Dimensions (L × W × H) cm</b>	55	75	55	55
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	10	10	10	10
<b>Order No.</b>	<b>3.345-177.0</b>	<b>3.345-178.0</b>	<b>3.345-179.0</b>	<b>3.345-380.0</b>
<b>Price</b>				

# WATER SQUEEGEE - HANDLE

Aluminium handle, Ø 22 mm

NEW



Description	For water squeegees, high-quality finish and very sturdy.
Dimensions (L × W × H) cm	140
Quantity piece(s)	1
PU	50
Order No.	3.345-180.0
Price	

## CHAMOIS

Polishing cloth

NEW



Media chamois

NEW



Premium chamois

NEW



Description	For polishing and cleaning glass surfaces.	Perfect quality for cleaning glass surfaces, rectangular.	Perfect quality for cleaning glass surfaces.
Dimensions (L × W × H) cm	70 × 50	70 × 45	82 × 63
Quantity piece(s)	1	1	1
PU	10	10	10
Order No.	3.345-183.0	3.345-184.0	3.345-185.0
Price			



# WINDOW CLEANING KIT

## Glass and window cleaning kit

NEW



<b>Description</b>	Kit for special applications, full range of basic equipment with sturdy nylon bag.		
<b>Dimensions (L × W × H)</b> cm	131 × 22 × 4		
<b>Quantity</b> piece(s)	1		
<b>PU</b>	5		
<b>Order No.</b>	3.345-187.0		
<b>Price</b>			

# TELESCOPIC LANCES

## Telescopic lance 2 × 125 cm

NEW



## Telescopic lance 2 × 200 cm

NEW



## Telescopic lance 3 × 150 cm

NEW







## Telescopic lance 3 × 200 cm

NEW



<b>Description</b>	High-quality finish and very sturdy, for safe working without a ladder – directly from the ground.			
<b>Dimensions (L × W × H)</b> cm	250	400	450	600
<b>Quantity</b> piece(s)	1	1	1	1
<b>PU</b>	10	10	10	10
<b>Order No.</b>	3.345-084.0	3.345-085.0	3.345-087.0	3.345-629.0
<b>Price</b>				

## TELESCOPIC LANCES

	Telescopic lance 3 × 300 cm	Telescopic lance 4 × 250 cm	Telescopic lance 4 × 300 cm	Telescopic lance 4 × 400 cm
				
	<b>NEW</b>	<b>NEW</b>	<b>NEW</b>	<b>NEW</b>
<b>Description</b>	High-quality finish and very sturdy, for safe working without a ladder – directly from the ground.			
<b>Dimensions (L × W × H) cm</b>	900	1000	1200	1600
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	4	4	4	4
<b>Order No.</b>	<b>3.345-088.0</b>	<b>3.345-081.0</b>	<b>3.345-082.0</b>	<b>3.345-083.0</b>
<b>Price</b>				

## ACCESSORIES

	Joint	Replacement cone	Bionic pipe brush, curved	Bionic wall brush, oval
				
	<b>NEW</b>	<b>NEW</b>	<b>NEW</b>	<b>NEW</b>
<b>Description</b>	Easy, freely adjustable joint for use with the telescopic lance.	Allows fast tool changing and ensures optimal hold of tools.	Ergonomic handle for cleaning round surfaces and pipes.	Ergonomic handle for cleaning walls and rough surfaces.
<b>Dimensions (L × W × H) cm</b>	34 × 5 × 4	12 × 2.5 × 2.5	40 × 20 × 12	32 × 27 × 9
<b>Quantity piece(s)</b>	1	1	1	1
<b>PU</b>	1	1	1	1
<b>Order No.</b>	<b>3.345-157.0</b>	<b>3.345-158.0</b>	<b>3.345-159.0</b>	<b>3.345-160.0</b>
<b>Price</b>				

# ACCESSORIES

Fixi bracket



Brush holder



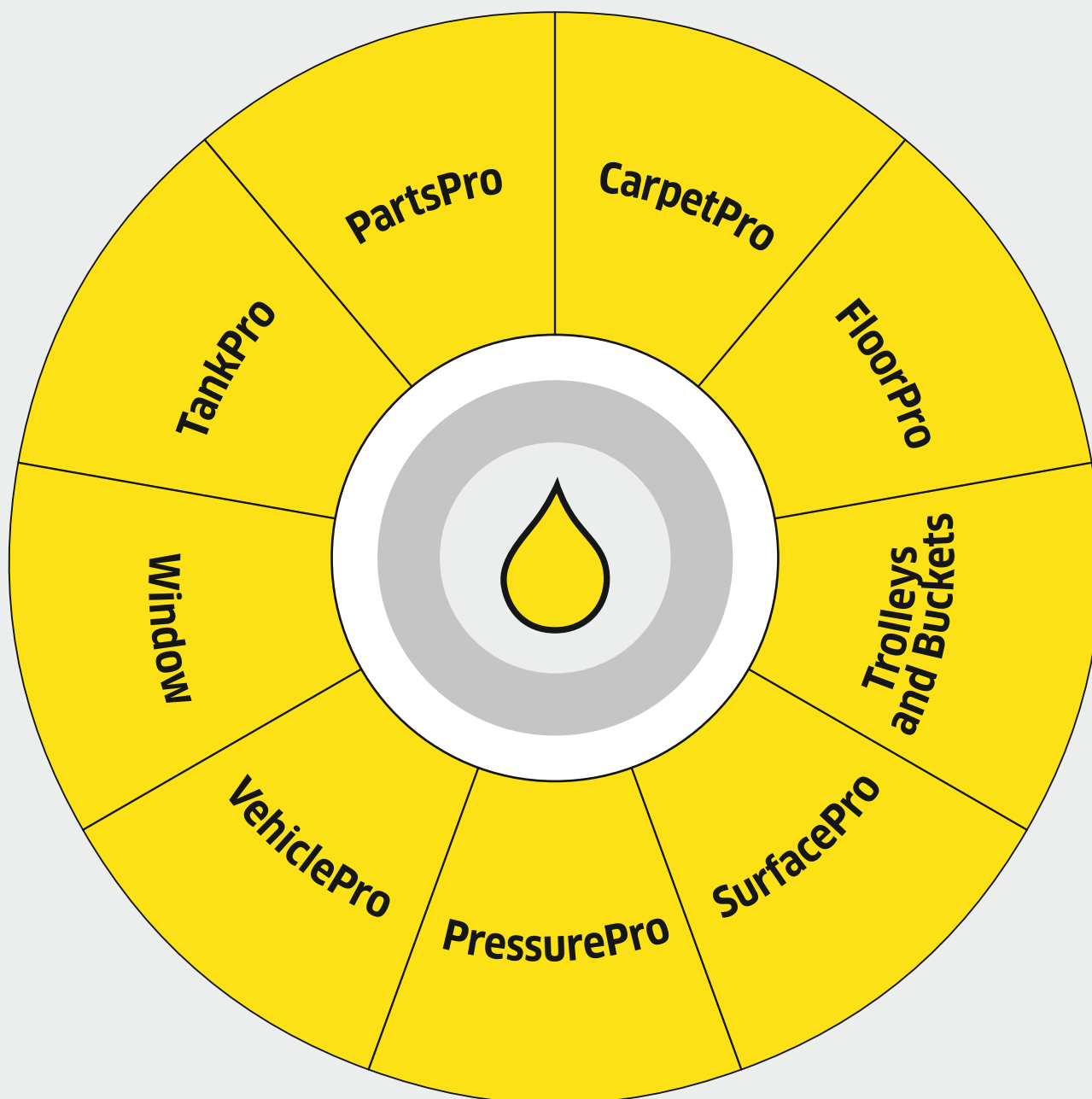
Adapter for brush



<b>Description</b>	For securely fastening cloths and sponges.	Suitable for round and flat brushes for safe painting work.	Suitable for all standard brushes.
<b>Dimensions (L × W × H) cm</b>	21 × 19.2 × 9	21 × 11 × 5	4.5 × 2.5 × 2.5
<b>Quantity piece(s)</b>	1	1	1
<b>PU</b>	1	1	1
<b>Order No.</b>	<b>3.345-161.0</b>	<b>3.345-162.0</b>	<b>3.345-163.0</b>
<b>Price</b>			

## NOTHING LESS THAN THE BEST FOR YOU

For optimal cleaning results, the system being used – consisting of machine and cleaning agent – must work perfectly. We recognised this very early on and have consistently relied on our own research and development. We develop our cleaning and care agents specifically for use with Kärcher cleaning machines. This means that you can get the most out of your system's performance capabilities. And you can be sure that you are always getting the maximum possible effectiveness, efficiency and reliability.



### Table of contents: Cleaning and care agents

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# RESEARCHED, DEVELOPED AND MANUFACTURED FOR YOU

Kärcher cleaning and care agents are just as versatile and powerful as the machines in which they are used – because they are specially developed for use with Kärcher cleaning machines. Only in this way can the performance of the system, consisting of machine and cleaning agent, be fully utilised. Kärcher recognised this early on and has consistently relied on its own research and development. It is the foundation of our success and the core of our thoughts and actions.



## 1 Benchmark for cleanliness

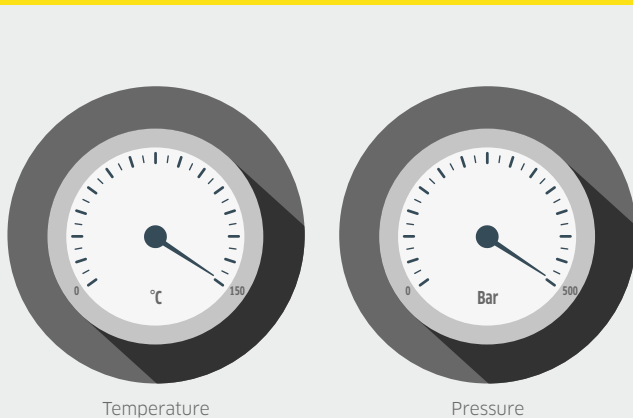
Research and development are becoming increasingly important as demands and requirements increase, not just of the machines themselves, but of the overall package. How can the full potential be realised and at the same time the environmental impact reduced? How can costs be reduced without compromising on power or quality? Questions to which Kärcher is seeking the best possible answers in collaboration with experts from various fields of technology and chemistry. With an interdisciplinary approach and also in close cooperation with suppliers and professional operators. Our experts analyse every type of dirt on all surfaces so that they can be professionally removed, picked up and disposed of. Right from the very start, the products that we develop are systematic in every sense of the word. And they are developed entirely at Kärcher. The high performance and efficiency of Kärcher cleaning agents is the result of over 30 years of research and development in our own laboratory. As the world's leading manufacturer of cleaning machines, we pursued the path to becoming a system provider early on and today have expertise and technology that set standards.

## 2 In-house production

As a system provider of cleaning solutions, Kärcher not only develops cleaning agent formulas for use in Kärcher cleaning machines, but also produces these cleaning products itself. The in-house production of cleaning agents is a key aspect that allows us to offer our customers products with consistently high quality and the best delivery capacity, and at the same time to reduce the environmental impact of unnecessary transportation.

## FULL POWER WITH SYSTEM

The advantages speak for themselves: faster and improved cleaning with low energy use and less wastewater pollution. Kärcher cleaning and care agents deliver brilliant performance in industry, trade and the food industry. High-pressure cleaners and cleaning agents perfectly balanced.



### 1 High pressure and temperature-stable

Kärcher cleaning and care agents are specially formulated for use with high-pressure cleaners. Special formulas that remain stable under high pressure and demonstrate their effectiveness. Temperature-stable up to 150°C for safe use in hot water high-pressure cleaners.

### 2 Precise and reliable dosing

SwitchChem, the integrated cleaning agent dosing system, allows precise and reliable dosing, quick and easy opening and closing as well as cleaning agent dosing control. No more inconvenient manual dosing. No overdosing. Changing between different cleaning agents can take place quickly without wasting unused cleaning agent. This saves costs. At the same time, the tank stays clean and free from microbial load through cleaning agent residue.

### 3 Protection and care for high efficiency and long machine service life

The optional high-pressure system care offers continuous, precisely dosed and reliable protection against limescale (Machine Protector Advance 1 RM 110) and corrosion (Machine Protector Advance 2 RM 111). Integrated care components ensure constant maximum high-pressure cleaner power and extend the total product life.

### 4 Calcification protection

Where hot water high-pressure cleaners are used in hard water areas, Kärcher high-pressure cleaning agents reliably protect all parts in contact with water against calcification. As a result, the full heating coil power is maintained with optimal heat transfer and water flow rate. No trace of lime-scale in the machine and on the cleaned surface. Success: perfect power and cleaning results and a longer machine service life.









### 5 Corrosion protection

Kärcher cleaning agents not only clean highly effectively, but also protect and care for the cleaning machine. When using soft water, special corrosion protection components provide reliable protection against corrosion and black water. This ensures constant maximum performance of the cleaning machine and cleaning agent.



Product	No.	Activity				Soiling				Application area										Properties				Page
		Pre-cleaning	Cleaning	Foam cleaning	Disinfection	Care, protection, preservation	Oil, grease, soot, emission contamination, wax, excrement, food residues, protein, insect residues	Smoke resin, sugar glaze	Limescale, rust, urine/milkstone, cement, salt deposits	Graffiti, moss, lichen	Bacteria, fungi, viruses	Agriculture	Vehicles	Vehicle parts (e.g. engine)	Food industry, kitchens, sanitary	Industrial components	Solar	Facades	Cleaning machines	ASF (easily separable in oil separators)	DVG listing	IHO listing	VAH/DGHH listing	
PressurePro Oil and Grease Cleaner Extra	RM 31		■				■				■		■	■						✓				766
PressurePro Oil and Grease Cleaner Extra, ecoefficiency	RM 31		■				■				■		■	■						✓				766
PressurePro Active Cleaner, alkaline	RM 81		■				■				■	■		■						✓				766
PressurePro Active Cleaner, alkaline, ecoefficiency	RM 81		■				■				■	■		■						✓				766
PressurePro Wax Remover	RM 36		■				■						■											766
VehiclePro Rim Cleaner, acidic	RM 800		■					■					■							✓				766
VehiclePro Rim Cleaner, alkaline	RM 801		■				■						■											766
VehiclePro Prewash Classic	RM 803	■					■						■							✓				766
PressurePro Active Cleaner, powder	RM 80	■	■				■						■							✓				767
PressurePro Car Shampoo, powder	RM 22			■			■						■							✓				767
PressurePro Hot Wax	RM 41					■					■	■												767
VehiclePro Spray Wax Classic	RM 821					■							■											767
PressurePro Foam Cleaner, neutral	RM 57			■			■								■					✓				767
PressurePro Foam Cleaner, alkaline	RM 58			■			■								■					✓				767
PressurePro Foam Cleaner, acidic	RM 59			■				■							■					✓				767
PressurePro Grease and Protein Remover	RM 731		■				■								■									767
Disinfectant cleaner	RM 732		■		■		■				■				■						✓			768
Disinfectant cleaner, foaming	RM 734			■	■		■				■				■						✓			768
Disinfectant	RM 735				■						■				■						✓		✓	768
PressurePro Active Cleaner, acidic	RM 25		■					■							■					✓				768
Intensive Deep Cleaner	RM 750		■				■								■					✓				768
PressurePro Smoke Resin Remover	RM 33		■				■	■							■					✓				768
PressurePro Foam Cleaner, alkaline, Agri	RM 91			■			■				■													769
PressurePro Soaking Agent, alkaline, Agri	RM 92	■					■				■													769
PressurePro Surface Cleaner, acidic, Agri	RM 93		■					■			■													769
Desinfect K 1	RM 790				■						■	■									✓	✓		769
Desinfect K 2	RM 791				■						■	■									✓	✓		769
PressurePro Active Cleaner, neutral	RM 55		■				■								■			■		✓				769
Blasting Abrasive, fine	-		■							■								■						769
Blasting Abrasive, coarse	-		■							■								■						769
PressurePro Facade Cleaner, gel	RM 43		■				■											■						769
PressurePro Solar Panel Cleaner	RM 99		■				■										■	□						769
PartsPro Parts Cleaner	RM 39		■				■									■				✓				770
PressurePro Phosphating Agent, powder	RM 47		■			■	■									■				✓				770
PressurePro Phosphating Agent	RM 48		■			■	■									■				✓				770
PressurePro Descaling Acid	RM 101		■					■											■	✓				770
PressurePro Machine Protector	RM 110					■		■											■	✓				770
PressurePro Machine Protector Advance 1	RM 110					■		■											■	✓				770
PressurePro Machine Protector Advance 2	RM 111					■		■											■	✓				770










■ usable □ conditionally usable

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
<b>Vehicle</b>									
	<b>PressurePro Oil and Grease Cleaner Extra RM 31</b> Highly concentrated high-pressure deep cleaning agent. At all temperature ranges, highly efficient lifting of the most stubborn contaminations, such as oil, grease, tar, soot and smoke resin.	Pressure washers Spray units	1+3	1.5-10% 25%	alkaline pH: 13	2.5 l	■ ▲ 4	6.295-584.0	
						10 l	■ ▲ 1	6.295-068.0	
						20 l	■ ▲ 1	6.295-069.0	
						200 l	■ ▲ 1	6.295-422.0	
						1000 l	■ ▲ 1	6.295-072.0	
	<b>PressurePro Oil and Grease Cleaner Extra RM 31 ecoefficiency</b> Highly concentrated deep cleaning agent for high-pressure cleaning. Effectively removes stubborn dirt, e.g. oil, grease, soot and smoke resin at all temperatures. With the ecoefficiency formulation, particularly economical, effective and environmentally friendly.	High-pressure cleaner (80°C) High-pressure cleaner (60°C) Spray units	1+3 1+3	0.75-4% 1-5% 5-25%	alkaline pH: 13.5	2.5 l	■ ▲ 4	6.295-646.0	
						10 l	■ ▲ 1	6.295-647.0	
						20 l	■ ▲ 1	6.295-648.0	
						200 l	■ ▲ 1	6.295-649.0	
	<b>PressurePro Active Cleaner, alkaline RM 81, NTA-free</b> Efficiently and gently acting high-pressure cleaning concentrate for heavy oil, grease and mineral soiling. Suitable for cleaning vehicles, tarpaulins and engines. NTA-free.	Pressure washers Spray units	1+3	1-5% 5-25%	alkaline pH: 12.3	2.5 l	■ ▲ 4	6.295-555.0	
						10 l	■ ▲ 1	6.295-556.0	
						20 l	■ ▲ 1	6.295-557.0	
						200 l	■ ▲ 1	6.295-558.0	
						1000 l	■ ▲ 1	6.295-559.0	
	<b>PressurePro Active Cleaner, alkaline RM 81 ecoefficiency</b> High-pressure cleaning concentrate with a powerful and gentle cleaning action for removing stubborn oil, grease and mineral contamination. Suitable for vehicle and engine washing as well as tarpaulin cleaning. With the ecoefficiency formulation, it is very economical, effective and environmentally friendly.	High-pressure cleaner (80°C) High-pressure cleaner (60°C) Spray units	1+3 1+3	0.75-4% 1-5% 5-25%	alkaline pH: 12.3	2.5 l	■ ▲ 4	6.295-642.0	
						10 l	■ ▲ 1	6.295-643.0	
						20 l	■ ▲ 1	6.295-644.0	
						200 l	■ ▲ 1	6.295-645.0	
	<b>PressurePro Wax Remover RM 36</b> Wax stripper; gently removes protective wax coatings and grease residue from paintwork surfaces. Ideal for use with high-pressure cleaners.	Pressure washers		1-5%		20 l	■ 1	6.295-423.0	
						200 l	■ 1	6.295-149.0	
	<b>VehiclePro Rim Cleaner, acidic RM 800</b> Highly effective rim cleaner concentrate. Active foam enables the gentle removal of all normal rim contamination, like brake dust, tyre wear, winter salt residues, lime stains and salt deposits.	Spray units Self-service washing stations Vehicle washing plant		10% 10% 10%	acidic pH: 0.3	20 l	■ ▲ 1	6.295-441.0	
						200 l	■ ▲ 1	6.295-452.0	
	<b>VehiclePro Rim Cleaner, alkaline RM 801 Classic</b> Special rim cleaner for all coated light metal and steel rims (excludes uncoated, high-gloss special rims). Gentle action, effectively removes the most stubborn rim contamination, e.g. road dust, baked-on brake dust, tyre wear and winter salt residues. Does not attack concrete floors or wheel arches. <sup>2)</sup>	Spray units Self-service washing stations Vehicle washing plant		10% 10-20% 10-20%	alkaline pH: 13.5	20 l	■ 1	6.295-323.0	
						200 l	■ 1	6.295-401.0	
	<b>VehiclePro Prewash RM 803 Classic</b> Active, gentle high-pressure prespraying agent. For trouble-free acceleration of the softening and removal of oil and grease deposits, as well as insect residues. NTA-free.	Pressure washers Vehicle washing plant Self-service washing stations Spray units	1+2 1+2	1.5-6% 0.5-2% 1.5-6% 2%	alkaline pH: 13	10 l	■ ▲ 1	6.295-547.0	
						20 l	■ ▲ 1	6.295-548.0	
						200 l	■ ▲ 1	6.295-549.0	

<sup>1)</sup> VDA-compliant Class A.<sup>2)</sup> VDA-compliant Class B.

■ Nitrilotriacetate-free (NTA-free).










▲ Easily separable in oil separator systems (ASF).

	Product description	Application	Primary		Properties	Packaging		PU	Order No./ Quantity	Price
			mixture	Dosage		size				
	<b>PressurePro Active Cleaner, powder RM 80</b> Highly concentrated, pourable and water-soluble powder with a fresh scent. Dissolves oil, grease and emission-related soiling, effective at all temperature ranges, gentle action.	Pressure washers Self-service washing stations	1+9 1+9	0.5% 1%	slightly alkaline pH: 10.9	20 kg	■ ▲	1	6.295-237.0	
	<b>PressurePro Car Shampoo, powder RM 22</b> Powerful shampoo powder for removing stubborn oil, grease and mineral contamination. Ideal for engine cleaning and vehicle washing. NTA-free.	Pressure washers Spray units	1+9	0.5-2% 5%	alkaline pH: 12.7	20 kg	■ ▲	1	6.295-537.0	
	<b>PressurePro Car Shampoo, powder RM 22</b> Powerful shampoo powder for removing stubborn oil, grease and mineral contamination. Ideal for engine cleaning and vehicle washing.	Pressure washers Spray units	1+9	0.5-2% 5%	alkaline pH: 12.9	20 kg	▲	1	6.295-254.0	
	<b>PressurePro Hot Wax RM 41</b> Paintwork preservation and care product with high natural carnauba wax content. Produces a high-lustre finish.	Pressure washers Manual	1+3	1-2% 1-2%	slightly acidic pH: 4.5	10 l 20 l	■	1 1	6.295-153.0 6.295-154.0	
	<b>VehiclePro Spray Wax RM 821 Classic</b> This liquid spray wax gives vehicles a brilliant shine and long-term protection. Unaffected by water quality, it provides a spotless finish without blow drying. VDA-compliant. <sup>1)</sup>	Pressure washers Self-service washing stations	1+9 1+9	1-2% 1-2%	slightly acidic pH: 4	20 l 200 l 2.5 l	■	1 1 4	6.295-431.0 6.295-084.0 6.295-583.0	
Food industry										
	<b>PressurePro Foam Cleaner, neutral RM 57</b> Gentle foam cleaning agent for light oil, grease and protein stains. Stable foam blanket enhances cleaning action and is easily rinsed away.	Pressure washers High-pressure cleaner with foam nozzle Spray units Manual		1-2%  3-10% 10% 10%	neutral pH: 6.7	20 l	■ ▲	1	6.295-178.0	
	<b>PressurePro Foam Cleaner, alkaline RM 58</b> Reliably removes stubborn grease, oil and protein stains as well as food residue on tiles and containers. Foam blanket permits long periods of contact for intensive cleaning action on vertical surfaces.	Spray units Pressure washers High-pressure cleaner with foam nozzle Manual		4-6% 1-2%  4-10% 10%	alkaline pH: 13.1	20 l 200 l	■ ▲	1 1	6.295-100.0 6.295-413.0	
	<b>PressurePro Foam Cleaner, acidic RM 59</b> Effortlessly removes stubborn deposits and coatings like lime, rust, grease, protein, beerstone and milkstone on tiles and containers. Very stable foam blanket ensures intensive cleaning effect on all surfaces.	Pressure washers High-pressure cleaner with foam nozzle Spray units Manual		1-2%  3-10% 6% 10%	acidic pH: 1.8	20 l 200 l	■ ▲	1 1	6.295-192.0 6.295-414.0	
	<b>PressurePro Grease and Protein Remover RM 731</b> Removes even the toughest grease, protein, oil and soot contamination from floors, working areas, machines, etc. (particularly suitable for use in the food processing industry). Easy to use, with a gentle cleaning action. Washes clean without residues.	Pressure washers Spray units Manual		1-6% 1-6% 1-6%	alkaline pH: 13.1	5 l 200 l	■ ▲	1 1	6.295-402.0 6.295-469.0	

<sup>1)</sup> VDA-compliant Class A.<sup>2)</sup> VDA-compliant Class B.









■ Nitrilotriacetate-free (NTA-free).

▲ Easily separable in oil separator systems (ASF).

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
	<b>Disinfectant Cleaner RM 732</b> Disinfectant cleaning agent. With bactericidal, fungicidal and limited virucidal properties. Offers very good cleaning effect. Use biocides safely. Always read the label and product information before use.	Pressure washers		1-3%	slightly alkaline pH: 9.9	5 l	1	6.295-596.0	
		Maintenance cleaning		1-3%		200 l	1	6.295-417.0	
		Spray units		1-3%					
		Manual		1-3%					
	<b>Disinfectant Cleaner, foaming RM 734</b> Disinfectant foam detergent. With fungicidal, virucidal, sporicidal and bactericidal properties. At the same time removes grease, protein, oil and soot stains. Stable foam blanket allows use on vertical surfaces. Use biocides safely. Always read the label and product information before use.	High-pressure cleaner with foam nozzle		2-5%	alkaline pH: 13.7	20 l	■	1	6.295-282.0
		Spray units		2-5%					
		Manual		2-5%					
	<b>Disinfectant RM 735</b> Effective, neutral disinfectant. With bactericidal, fungicidal and limited virucidal properties (e.g. hepatitis B). Use biocides safely. Always read the label and product information before use.	Pressure washers		0.75-2%	neutral pH: 7.6	2.5 l	■	4	6.295-585.0
		Spray units		0.75-2%		5 l	■	1	6.295-597.0
		Manual		0.75-2%					
	<b>PressurePro Active Cleaner, acidic RM 25</b> Acidic high-pressure primary cleaner for sanitary areas. Removes limescale, rust, beerstone and milkstone, grease and albumen stains. Ideal for cleaning inside tanks in the food industry.	Pressure washers	1+3	0.5-10%	acidic pH: 0.2	2.5 l	■ ▲	4	6.295-588.0
		Spray units		25%		10 l	■ ▲	1	6.295-113.0
						20 l	■ ▲	1	6.295-420.0
						200 l	■ ▲	1	6.295-421.0
	<b>PressurePro Oil and Grease Cleaner Extra RM 31 ecoefficiency</b> Highly concentrated deep cleaning agent for high-pressure cleaning. Effectively removes stubborn dirt, e.g. oil, grease, soot and smoke resin at all temperatures. With the ecoefficiency formulation, particularly economical, effective and environmentally friendly.	High-pressure cleaner (80°C)	1+3	0.75-4%	alkaline pH: 13.5	2.5 l	■ ▲	4	6.295-646.0
		High-pressure cleaner (60°C)	1+3	1-5%		10 l	■ ▲	1	6.295-647.0
		Spray units		5-25%		20 l	■ ▲	1	6.295-648.0
						200 l	■ ▲	1	6.295-649.0
	<b>PressurePro Oil and Grease Cleaner Extra RM 31</b> Highly concentrated high-pressure deep cleaning agent. At all temperature ranges, highly efficient lifting of the most stubborn contaminations, such as oil, grease, tar, soot and smoke resin.	Pressure washers	1+3	1.5-10%	alkaline pH: 13	2.5 l	■ ▲	4	6.295-584.0
		Spray units		25%		10 l	■ ▲	1	6.295-068.0
						20 l	■ ▲	1	6.295-069.0
						200 l	■ ▲	1	6.295-422.0
	<b>PressurePro Active Cleaner, alkaline RM 81, NTA-free</b> Efficiently and gently acting high-pressure cleaning concentrate for heavy oil, grease and mineral soiling. Suitable for cleaning vehicles, tarpaulins and engines. NTA-free.	Pressure washers	1+3	1-5%	alkaline pH: 12.3	2.5 l	■ ▲	4	6.295-555.0
		Spray units		5-25%		10 l	■ ▲	1	6.295-556.0
						20 l	■ ▲	1	6.295-557.0
						200 l	■ ▲	1	6.295-558.0
	<b>Intensive Deep Cleaner RM 750</b> Powerful deep cleaner effectively removes the most stubborn stains, such as oil, grease, soot, blood and proteins. Low foam production. Particularly suited for floor cleaning by machine and for processing with hard surface cleaners. NTA-free.	Pressure washers	1+3	1-5%	alkaline pH: 13.7	10 l	■ ▲	1	6.295-539.0
		Scrubber-driers - stripping		10-50%		200 l	■ ▲	1	6.295-540.0
		Scrubber-driers - deep cleaning		5-50%					
		Manual		5-50%					
	<b>PressurePro Smoke Resin Remover RM 33</b> Very powerful liquid basic cleaning agent for removing stubborn stains such as oil, fat, tar, soot, resinous soot, and burnt-on sugar glazes. NTA-free.	Pressure washers	1+3	4-8%	alkaline pH: 13.5	20 l	■ ▲	1	6.295-560.0
		Spray units		10%		200 l	■ ▲	1	6.295-561.0

<sup>1)</sup> VDA-compliant Class A. ■ Nitrilotriacetate-free (NTA-free).

▲ Easily separable in oil separator systems (ASF).






	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
<b>Agriculture</b>									
	<b>PressurePro Foam Cleaner, alkaline RM 91 Agri</b> The foam cleaner has excellent grease-dissolving properties and effortlessly removes organic material such as dung and dirt. Ideal for cleaning poultry, pig and cattle sheds as well as milking parlours.	Pressure washers		3-5%	alkaline pH: 13.5	10 l	■	1	6.295-654.0
	<b>PressurePro Soaking Agent, alkaline RM 92 Agri</b> The emollient loosens dried dung to reduce cleaning time and water consumption. Corrosion inhibitors preserve stable fixtures. Ideal for stables and milking parlours.	Pressure washers		1-3%	alkaline pH: 14	10 l	■	1	6.295-656.0
	<b>PressurePro Surface Cleaner, acidic RM 93 Agri</b> Acid surface cleaner for milking parlours, milking rooms and stables. Removes even the most stubborn deposits, such as limescale, minerals and corrosion. Corrosion inhibitors preserve stable fixtures.	Pressure washers		1-3%	acidic pH: 1.4	10 l	■	1	6.295-658.0
	<b>Desinfect K1 RM 790</b> K1 RM 790 Desinfect is a highly effective disinfectant containing peracetic acid for agricultural use. Fully effective within an extremely short contact time of 30 minutes. Use biocides safely. Always read the label and product information before use. <sup>4) 6)</sup>	High-pressure cleaner with 2K dual injector		0.5%	acidic pH: 2	18 l	■	1	6.295-503.0
	<b>Desinfect K2 RM 791</b> Buffer additive for effective peracetic acid disinfection. Used together with Desinfect K1 RM 790 for foaming the disinfection solution. <sup>4) 6)</sup>	High-pressure cleaner with 2K dual injector		0.5%	alkaline pH: 13.4	18 l	■	1	6.295-501.0
<b>Facades and solar</b>									
	<b>PressurePro Active Cleaner, neutral RM 55</b> All-purpose, gentle high-pressure liquid concentrate for removing grease, oil and emission contamination. Ideal for cleaning facades and sensitive surfaces.	Pressure washers		0.5-8%	slightly alkaline pH: 10	2.5 l	■ ▲	4	6.295-579.0
		Spray units		10%		10 l	■ ▲	1	6.295-090.0
		Manual		2%		20 l	■ ▲	1	6.295-411.0
						200 l	■ ▲	1	6.295-412.0
						1000 l	■ ▲	1	6.295-093.0
	<b>Blasting Abrasive, fine</b> Grit size 0.2-0.8 mm - ideal for cleaning clinker, brick, sandstone, terrazzo, steel, hardwood or concrete.	High-pressure cleaner with jet system and jet gun		tailored to individual requirements		25 kg	■	1	6.295-564.0
	<b>Blasting Abrasive, coarse</b> Grit size 0.25-1.4 mm - highly effective on steel, granite, aerated concrete and washed concrete. Also ideal for removing rust, paint and graffiti.	High-pressure cleaner with jet system and jet gun		tailored to individual requirements		25 kg	■	1	6.295-565.0
	<b>PressurePro Facade Cleaner, gel RM 43</b> Powerful façade cleaner with gel formula. Removes soot, oil, grease and environmental stains. Suitable for façades clad with stone, brick, rough-cast plaster, plastic, wood and glass.	Pressure washers Spray units		6% 6-8%	alkaline pH: 13.8	20 l	■	1	6.295-447.0
	<b>PressurePro Solar Cleaner RM 99</b> Highly efficient, gentle and biodegradable cleaning agent for residue-free, streak-free cleaning of solar and photovoltaic systems. Prevents the formation of limescale. For all water hardness levels. For removing stubborn bird droppings, pollen, rust and dust. Also suitable for aluminium frames.	Pressure washers	1+3	0.5-1%	slightly alkaline pH: 9	10 l	■		6.295-798.0
						20 l	■		6.295-799.0

<sup>4)</sup> Included in the 13th DVG list of disinfectants for animal husbandry of June 2011.

<sup>6)</sup> Included in the IHO list of disinfectants for animal husbandry.

■ Nitrilotriacetate-free (NTA-free).







▲ Easily separable in oil separator systems (ASF).

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
Parts cleaning and phosphating									
	<b>PartsPro Parts Cleaner RM 39</b> Gentle cleaning and degreasing agent effectively removes oil, grease and soot stains from metal parts and provides temporary corrosion protection.	Pressure washers Parts cleaners		2-5% 1-5%	slightly alkaline pH: 10.5	20 l 200 l	■ ■	1 1	6.295-165.0 6.295-424.0
	<b>PressurePro Phosphating Agent, powder RM 47</b> For degreasing and phosphating in a single operation. Provides temporary protection against corrosion and produces a good base for paints. When processed, it leaves bluish-yellow iron phosphate layers. High yield.	Pressure washers	1+9	0.5-1%	slightly acidic pH: 3.1	20 kg	■ ▲	1	6.295-163.0
	<b>PressurePro Phosphating Agent RM 48</b> For degreasing and phosphating in a single operation. Provides temporary protection against corrosion and produces a good base for paints. When processed, it leaves bluish-yellow iron phosphate layers.	Pressure washers		0.5-1%	acidic pH: 2	20 l 200 l	■ ▲ ■ ▲	1 1	6.295-219.0 6.295-410.0
Maintenance and care of high-pressure cleaners									
	<b>PressurePro Descaling Acid RM 101</b> Hydrochloric acid basis for fast descaling. Quickly removes the most stubborn limescale and detergent residues and offers long-lasting corrosion protection. Particularly suitable for heating coils in high-pressure cleaners.	Heater coil descaling		10%	acidic pH: 0	5 l	■ ▲	1	6.295-398.0
	<b>PressurePro Machine Protector RM 110</b> Calcification protection for hot water high-pressure cleaners. This new formula offers improved protection from lime deposits in heater coil systems (up to 150°C) as well as integrated corrosion protection for all HDS machine components that come into contact with water.	Hot water high-pressure cleaners		6 ml/°dH m³	neutral pH: 7	1 l	■ ▲	6	6.295-312.0
						10 l	■ ▲	1	6.295-303.0
						20 l	■ ▲	1	6.295-488.0
						200 l	■ ▲	1	6.295-305.0
	<b>PressurePro Machine Protector Advance 1 RM 110</b> Scale inhibitor for hot water high-pressure cleaners with integral corrosion protection, especially for use in new HDS units with System Care option. The Machine Protector Advance 1 RM 110 formula offers improved protection against limescale deposits on heater coils (up to 150°C) and provides integral corrosion protection for components in contact with water.	Hot water high-pressure cleaners		6 ml/°dH m³	neutral pH: 7	1 l	■ ▲	6	6.295-625.0
	<b>PressurePro Machine Protector Advance 2 RM 111</b> Maximum machine protection for hot water high-pressure cleaners with system care adaptation. Machine Protector Advance 2 RM 111 offers the following protective functions for your machine: protection against limescale deposits in heating coils (up to 150°C), pump care additive for continuous lubrication and care of the high-pressure pump, protection against black water (rust generation in the heating coil with very soft water). Corrosion protection for all parts that come into contact with water.	Hot water high-pressure cleaners		6 ml/°dH m³	alkaline pH: 12.3	1 l	■ ▲	6	6.295-629.0
Hand cleaning									
	<b>Hand Cleaning Paste RM 200</b> Rich, gentle hand cleanser based on wood flour. For stubborn oil, grease, pigment and paint stains.	Manual		undiluted	neutral pH: 6.4	10 l 800 ml	■ ■	1 1	6.291-030.0 6.291-031.0

■ Nitrilotriacetate-free (NTA-free).

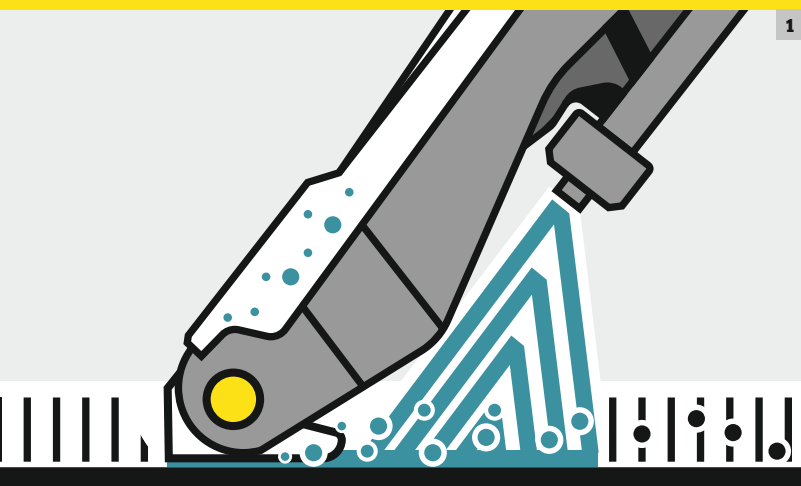
▲ Easily separable in oil separator systems (ASF).



	Product description	Pressure	Dosing range	Dispensing volume	Extendable	Dimensions (L × W × H)	Weight	PU	Order No./ Quantity	Price
Dilution devices										
	<b>DS 2 Dosing Unit</b> DVGW-certified dosing unit for filling floor cleaning machines and buckets and for preparation of HD/HDS primary mixtures. Includes backflow preventer according to DIN EN 1717.	1.7–3.5 bar	0.3–25%	14 l/min	■	355 × 300 × 210 mm	1.86 kg	1	6.394-653.0	
	<b>DS 3 Cleaning Agent Dosing Station</b> After connecting to a tap, cleaning agent can be filled into the fresh water tank and diluted as required. Can also be used with the filling system attachment kit. Includes backflow preventer (DIN EN 1717).	2–6 bar	0.2–13.5%	15 l/min	■	390 × 390 × 150 mm	3.85 kg	1	2.641-811.0	
	Product description	Suitable for bulk size				Dimensions (L × W × H)	Weight	PU	Order No./ Quantity	Price
Dispensing aids										
	<b>Container valve, 5 l</b> Practical aid for efficient filling and dosing of cleaning agents from containers.	5 l				85 × 48 × 40 mm	0.02 kg	1	6.394-819.0	
	<b>Container valve, 10 l</b> Practical aid for efficient filling and dosing of cleaning agents from containers.	10 l				60 × 90 × 70 mm	0.04 kg	1	6.394-758.0	
	<b>Container valve, 20 l</b> Practical aid for efficient filling and dosing of cleaning agents from containers.	20 l				75 × 110 × 60 mm	0.04 kg	1	6.394-759.0	
	<b>Drum tap, 200 l</b> For dispensing cleaning agents from drums.	200 l				150 × 100 × 65 mm	0.08 kg	1	6.412-438.0	
	<b>Drum pump, 200 l</b> Practical pump for dosing and efficient dispensing of cleaning agents from drums. Accurate and easy to use.	200 l				1560 × 175 × 90 mm	1.1 kg	1	6.291-108.0	
	Product description	Pressure	Filling volume	Material	Dispensing volume	Dimensions (L × W × H)	Weight	PU	Order No./ Quantity	Price
Spray units										
	<b>Cleaning Agent Sprayer</b> Easy and convenient to use cleaning agent sprayer with sturdy plastic container and comfortable carrying strap for cleaning agent and disinfectant application.	3 bar	5 l	Plastic	0.46–1.22 l/min	520 × 200 × 200 mm	1.8 kg	1	6.394-255.0	
	<b>EK 1 Cleaning Agent Sprayer</b> Mobile and compact: low-pressure spray unit for effective dispensing of cleaning agent for wide area coverage. With integrated manual pump, ergonomic pump handle and level control.	0.5–6 bar	10 l	Stainless steel	0.78 l/min	640 × 285 × 270 mm	4.7 kg	1	6.394-628.0	
	<b>Telescopic spray lance</b> Accessory for a long reach for use with EK 1 Cleaning Agent Sprayer. Extendable from 860 to 1520 mm including nozzle for precise application.					875 × 45 × 20 mm	0.37 kg	1	6.393-313.0	

## CarpetPro: A STRONG TEAM TO SAVE TIME

The CarpetPro line gently and effectively cleans and protects textile surfaces. This innovative system reduces cleaning and drying times and delays resoiling, protecting treated surfaces as well as the environment and your budget. CarpetPro line is based on iCapsol technology, which encapsulates and binds the dirt. Rinsing carpets is no longer necessary as the encapsulated residual contamination is simply vacuumed during subsequent maintenance cleaning. Carpets dry quickly and are ready to walk on in no time.



### 1 iCapsol technology

The patented iCapsol technology can be used not only for intermediate cleaning of carpets, but also for deep cleaning. This is unique worldwide. iCapsol active ingredients bind the dirt and surfactants after cleaning to prevent resoiling of the carpet fibres. iCapsol active ingredients form a crystalline structure when dry. These crystals are simply vacuumed during the next maintenance cleaning. This results in time savings of up to 50% even when deep cleaning, as there is no need to rinse and the drying time is shorter. The advantages are noticeable even without previous rinsing, because resoiling is delayed and carpets stay cleaner longer.

### 2 Phosphate-free formulas

Kärcher is aware of its responsibility for the environment and people. Our cleaning agents demonstrate that powerful cleaning is also possible without using harmful content materials like phosphates.

### 3 Integrated odour absorber

An integrated odour absorber cuts the time needed for intermediate and deep cleaning of textile surfaces. Carpets and upholstery are not only left clean, but also smell clean.

### 4 WoolSafe-certified




















Many Kärcher CarpetPro products carry the WoolSafe seal. The worldwide certification programme for textile cleaning products confirms that Kärcher CarpetPro products are suitable for wool and other sensitive textile fibres and are safe when used properly. Products with WoolSafe ensure professional treatment and care of carpets and upholstery which retain their value.

### 5 Patented water-soluble film: simple and safe





The deep cleaning power of CarpetPro Cleaner RM 760 Tablets is wrapped in a patented water-soluble film. The film dissolves to release the cleaning power of the tablets. This allows quick and reliable dosing directly at the place of use without the need for protective gear. RM 760 Tablets dissolve quickly - cleaning can start immediately. Each tab contains the right amount of cleaning agent - this prevents incorrect dosing, protects the environment and saves money.

Product	No.	Activity				Soiling				Machine/Tool					Properties					Page	
		Stain removal	Intermediate cleaning	Deep cleaning	Care, protection	Grease, earth, protein and road dirt	Rust, urine, mineral deposits	Ink, biro/felt tip pens, adhesives, tar, shoe polish	Cleaning agent residue	Foam reduction	Puzzi	BRC	BRS	BDS	Manual (cloth, brush, spray unit)	iCapsol technology	Odour absorber	Surfactant-free	Phosphate-free	WoolSafe-certified	
Universal Stain Remover	RM 769	■						■							■						774
CarpetPro Cleaner iCapsol	RM 768		■			■						■	■	■		✓				✓	774
CarpetPro Cleaner iCapsol	RM 768 OA		■			■	□					■	■	■		✓	✓				774
CarpetPro Dry Cleaner	RM 766		■			■							■		■	✓			✓		774
CarpetPro Cleaner, Powder	RM 760		□	■		■	□				■					✓	✓		✓	✓	774
CarpetPro Cleaner, Powder Classic	RM 760			■		■					■										774
CarpetPro Cleaner, Tablets	RM 760		□	■		■					■					✓			✓	✓	774
CarpetPro Cleaner	RM 764			■		■	□				■	■					✓		✓	✓	774
CarpetPro Cleaner, Classic	RM 764			■		■					■	■									774
CarpetPro Cleaner, quick-drying	RM 767		□	■		■					■	■					✓				774
Universal Cleaner, surfactant-free	RM 770		■	■		■					■	■		■				✓			775
CarpetPro Conditioner	RM 763			■	■		■		■		■	■								✓	775
CarpetPro Foam Blocker	RM 761		■	■						■	■	■									775
CarpetPro Protector	RM 762				■						■				■					✓	775

■ usable □ conditionally usable

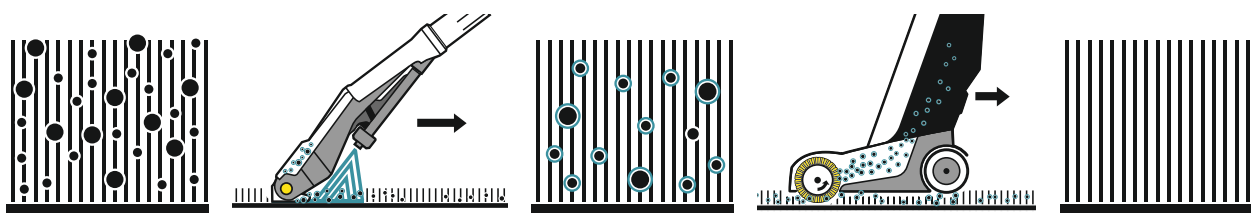
	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
<b>Stain removal</b>									
	<b>Universal Stain Remover RM 769</b> Universal Stain Remover RM 769 for all textile coverings, upholstery and hard surfaces – removes oil, tar, shoe polish, adhesive, etc., from solvent-resistant surfaces.	Manual		undiluted		500 ml	■ 6	6.295-490.0	
<b>Intermediate cleaning</b>									
	<b>CarpetPro Cleaner iCapsol RM 768</b> CarpetPro Cleaner iCapsol RM 768 for intermediate cleaning. Dry foam with encapsulation technology: dirt is encapsulated and vacuumed off during your next maintenance clean.	Intermediate cleaning		6%	neutral pH: 6.1	10 l	■ 1	6.295-562.0	
		 							
	<b>CarpetPro Cleaner iCapsol RM 768 OA</b> Powerful dry foam CarpetPro Cleaner iCapsol RM 768 OA with odour eliminator. With encapsulation technology: dirt is encapsulated and is vacuumed off when you next clean.	Intermediate cleaning		6%	slightly alkaline pH: 8.5	10 l	■ 1	6.295-634.0	
									
	<b>CarpetPro Dry Cleaner RM 766</b> CarpetPro Dry Cleaner RM 766 for intermediate cleaning of textile floor coverings. With cellulose fibres for cleaning deep into the pile and iCapsol to prevent resoiling. Quick drying.	Intermediate cleaning		undiluted	neutral pH: 8	1 kg	■ 5	6.295-911.0	
<b>Deep cleaning</b>									
	<b>CarpetPro Cleaner RM 760 Powder</b> The CarpetPro Cleaner RM 760 Powder is a spray extraction cleaner with outstanding cleaning performance, iCapsol encapsulation technology and odour absorber. No time-consuming rinsing.	Deep cleaning Intermediate cleaning		1% 1%	neutral pH: 7.7	0.8 kg 10 kg	■ 4 ■ 1	6.295-849.0 6.295-847.0	
		 							
	<b>CarpetPro Cleaner RM 760 Powder Classic</b> Powerful spray extraction deep cleaner CarpetPro Cleaner RM 760 Powder Classic. For textile floor coverings, walls and upholstery (also blended fabrics and fully synthetic fibres).	Deep cleaning Intermediate cleaning		1% 1%	slightly alkaline pH: 8.2	0.8 kg 10 kg	■ 4 ■ 1	6.290-175.0 6.291-388.0	
	<b>CarpetPro Cleaner RM 760 Tablet</b> CarpetPro Cleaner RM 760 Tablet is a spray extraction deep cleaner in tablet form. With encapsulation technology. In a practical foil that is water-soluble. No time-consuming rinsing.	Deep cleaning Intermediate cleaning		2 tablets in 8 litres of water 2 tablets in 8 litres of water	neutral pH: 7	16 Tablets 200 Tablets	■ 20 ■ 1	6.295-850.0 6.295-851.0	
									
	<b>CarpetPro Cleaner RM 764</b> CarpetPro Cleaner RM 764, the deep cleaning spray extraction cleaner. For all textile floor coverings (including mixed and fully-synthetic fibres), upholstery and wall surfaces.	Deep cleaning Intermediate cleaning		1% 1%	slightly alkaline pH: 9.2	10 l	■ 1	6.295-854.0	
		 							
	<b>CarpetPro Cleaner RM 764 Classic</b> Powerful basic cleaning agent CarpetPro Cleaner RM 764 Classic for spray extraction. For all textile floor coverings (also blended fabrics and fully synthetic fibres), upholstered furniture and wall surfaces.	Deep cleaning Intermediate cleaning		1% 1%	slightly alkaline pH: 9.7	10 l	■ 1	6.295-290.0	
	<b>CarpetPro Cleaner, quick-drying RM 767</b> Liquid fast-drying spray extraction CarpetPro Cleaner RM 767 for textile surfaces and upholstery eliminates unwanted odours and improves floor hygiene.	Deep cleaning Intermediate cleaning		1.2% 1.2%	neutral pH: 6.4	10 l	■ 1	6.295-198.0	
									

■ Nitrilotriacetate-free (NTA-free).

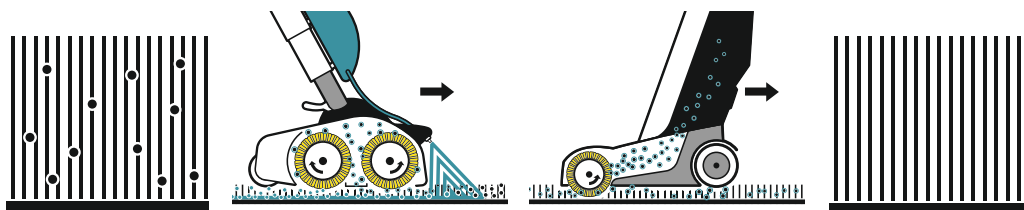
	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
	<b>Universal Cleaner, surfactant-free RM 770</b> Powerful surfactant-free universal cleaner for all textiles, resilient and hard floor coverings as well as ceilings and walls. Removes stubborn oil, grease and nicotine stains. Offers lasting protection against dirt and stains, cleaning intervals are extended.	Spray units Manual Spray extraction machines Single disc machines		5-50% 5-50% 12.5% 5-12%	slightly alkaline pH: 8.6	1 l	■	6	6.295-489.0
<b>Supplementary deep cleaning</b>									
	<b>CarpetPro Conditioner RM 763</b> The effective CarpetPro Conditioner RM 763 for all types of fibres reduces rinsing time, removes dirt and surfactant residues, neutralises the fibres and freshens up the colours.	Spray extraction machines		1%	slightly acidic pH: 3.8	1 l	■	12	6.295-844.0
						5 l	■	2	6.295-845.0
	<b>CarpetPro Foam Blocker RM 761</b> The CarpetPro Foam Blocker RM 761 reduces foaming in wastewater tanks and increases the device's duration of use. Compatible with all machines.	Wet and dry vacuum cleaners Spray extraction machines Carpet cleaners Floor cleaning units Parts cleaners		0.5% 0.5% 0.5% 0.5% 0.5%		2.5 l	■	1	6.291-389.0
<b>Impregnation</b>									
	<b>CarpetPro Protector RM 762</b> CarpetPro Protector RM 762 for carpets and textile surfaces. Effective long-term protection against both wet and dry dirt. Seals the fibres and makes them hard-wearing.	Spray units Spray extraction machines		20% 20%	neutral pH: 5.5	5 l	■	2	6.295-852.0

■ Nitilotriacetate-free (NTA-free).

#### DEEP CLEANING WITH iCapsol ENCAPSULATION TECHNOLOGY



#### INTERMEDIATE CLEANING WITH iCapsol ENCAPSULATION TECHNOLOGY





# POWERFUL, ERGONOMIC, ECO-FRIENDLY

All Kärcher products for manual cleaning are specially designed for the requirements of cleaning service providers. They quickly and reliably remove all typical contaminations without adversely affecting surfaces. Cleaning performance alone no longer meets the professional demands of cleaning service providers and facility management. The cleaning agents of choice have to offer much more: a pleasant scent, modern environmental sustainability, reliable dosing of concentrates and good handling, i.e. ergonomic bottles.



## 1 A clear product line

Our innovative and comprehensive product range for manual cleaning covers all areas from sanitary facilities, surfaces and glass to floors. Colour coding and language-neutral labels clearly indicate the right application.

## 2 Sustainability

Kärcher is a member of the sustainability initiative Association for Soaps, Detergents and Maintenance Products in Europe (AISE). All manual cleaning agents from Kärcher carry the EU Ecolabel – the EuroBlume (EcoFlower) – and the Austrian Ecolabel. Our advanced formulas improve the effectiveness and are also eco-friendly – from production to waste water treatment. Concentrates reduce packaging. And the spray heads are reusable.

## 3 Easy-to-clean effect

The water repellent effect on fittings and surfaces prevents dirt adhesion and lime stains and makes subsequent cleaning easy.

## 4 Newest technologies

Kärcher sets standards: with sanitary cleaners containing innovative acids that are both powerful and safe and clean glass streak-free.

## 5 Good and safe handling

The optimised shape and function of spray heads and bottles are exemplary in terms of user-friendliness and ergonomics. The 0.5 litre spray bottles are easy to handle even during long periods of use, the spray heads fit comfortably in the hand and can be operated with up to three fingers. The variable foam nozzle prevents aerosol formation and increases work safety.













4













5








	Product description	Application	Primary mixture	Dosage	Properties	Packaging size		PU	Order No./ Quantity	Price
Sanitary										
	<b>CA 10 C Sanitary Deep Cleaner</b> Active, viscous deep cleaning concentrate with fresh fragrance for manual cleaning of soiled sanitary surfaces. Developed with a special gel formula for better adherence to vertical surfaces, for example in toilets and urinals.	Deep cleaning		10-100%	slightly acidic pH: 2.1	1 l	■	12	6.295-677.0	
						5 l	■	2	6.295-678.0	
	<b>CA 20 C Sanitary Everyday Cleaner</b> Eco-friendly sanitary everyday cleaner with gentle cleaning action. Ideal for everyday cleaning of sanitary facilities.	Maintenance cleaning		1-8%	slightly acidic pH: 2.1	1 l	■	12	6.295-679.0	
						5 l	■	2	6.295-680.0	
	<b>CA 20 R Sanitary Everyday Cleaner, ready-to-use</b> Ready-to-use sanitary everyday cleaner. Gentle cleaning action, environmentally friendly. Pack of 12 bottles including 2 spray heads. One spray head is sufficient for up to 40 applications.	Maintenance cleaning		undiluted	slightly acidic pH: 2.1	0.5 l	■	12	6.295-685.0	
	<b>Scented Sanitary Cleaner RSD Classic</b> Mildly acidic sanitary cleaning agent with fresh scent for daily cleaning of all acid-resistant surfaces and facilities in swimming pools, toilets and sanitary facilities; removes limescale, dirt and grease residue – not suitable for calcareous floor coverings such as marble, terrazzo, travertine and Solnhofen.	Manual – maintenance cleaning		undiluted	acidic pH: 1.2	10 l		1	3.334-093.0	
						1 l		1	3.334-095.0	
	<b>Sanitary Basic Cleaning Agent RSA Classic</b> Sanitary cleaning agent with fresh scent for basic and intensive cleaning of all acid-resistant surfaces and facilities in swimming pools, toilets and sanitary facilities; removes stubborn limescale, dirt and grease residue – not suitable for calcareous floor coverings like marble, terrazzo, travertine and Solnhofen.	Manual – deep cleaning		0.5-100%	acidic pH: 0.2	10 l		1	3.334-097.0	
						1 l		1	3.334-099.0	
	<b>Scented Sanitary Cleaner Urisan</b> For daily cleaning of sanitary facilities; also suitable for eliminating urine smells in passageways or underpasses – provides lasting protection against urine smells by the microbiological decomposition of unpleasant odorous substances.	Scrubber driers – deep cleaning		3%	slightly alkaline pH: 8.8	1 l		1	3.334-009.0	
		Scrubber driers – maintenance cleaning		0.8-1.5%		1 l		12	3.334-010.0	
		Manual – maintenance cleaning		0.4%						
	<b>WC Cleaner Tolisan</b> Thick, acidic toilet cleaner, removes limescale and urine scale, deodorising and antibacterial.	Manual – maintenance cleaning		undiluted	acidic pH: 0.96	10 l		1	3.334-041.0	
						750 ml		15	3.334-043.0	
Surfaces										
	<b>CA 30 C Surface Cleaner</b> Universal surface cleaning concentrate for floors and indoor use. Dries quickly and streak-free.	Maintenance cleaning		1%	neutral pH: 7.4	1 l	■	12	6.295-681.0	
						5 l	■	2	6.295-682.0	
	<b>CA 30 R Surface Cleaner, ready-to-use</b> Ready-to-use surface cleaner for manual application. Dries quickly and streak-free. Pack of 12 bottles including 2 spray heads. Up to 40 applications per spray head.	Maintenance cleaning		undiluted	slightly alkaline pH: 8.6	0.5 l	■	12	6.295-686.0	
	<b>Universal Cleaner, surfactant-free RM 770</b> Powerful surfactant-free universal cleaner for all textiles, resilient and hard floor coverings as well as ceilings and walls. Removes stubborn oil, grease and nicotine stains. Offers lasting protection against dirt and stains, cleaning intervals are extended.	Spray units		5-50%	slightly alkaline pH: 8.6	1 l	■	6	6.295-489.0	
		Manual		5-50%						
		Spray extraction machines		12.5%						
		Single-disc machines		5-12%						





■ Nitrilotriacetate-free (NTA-free).

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
	<b>Universal Stain Remover RM 769</b> Universal Stain Remover RM 769 for all textile coverings, upholstery and hard surfaces - removes oil, tar, shoe polish, adhesive, etc., from solvent-resistant surfaces.	Manual		undiluted		500 ml	6	6.295-490.0	
<b>Glass</b>									
	<b>CA 40 R Glass Cleaner, ready-to-use</b> Ready-to-use glass cleaner - also suitable for plastic surfaces. Dries quickly and streak-free. Pack of 12 bottles including 2 spray heads. Up to 40 applications per spray head.	Maintenance cleaning		undiluted	neutral pH: 5.2	0.5 l 5 l	12 2	6.295-687.0 6.295-688.0	
	<b>Glass and Surface Cleaner RGR Classic</b> For streak-free cleaning of all types of washable surfaces like glass, plastic, Resopal®, shiny, painted or polished surfaces, facilities, objects, etc., alcohol-based for easy removal of grease contamination, streaks, fingerprints, soot and nicotine deposits.	Manual - maintenance cleaning Manual - window cleaning		undiluted undiluted	slightly alkaline pH: 11	10 l 1 l	1 1	3.334-090.0 3.334-092.0	
	<b>Glass Cleaner Glasal</b> Powerful glass cleaner for effortless dirt removal and skin-friendly; foaming formula, adheres well to surfaces, cleans streak-free, slightly alkaline, unscented.	Manual - maintenance cleaning Manual - window cleaning		0.1-0.5% 0.1-0.5%	neutral pH: 7	10 l	1	3.334-035.0	<b>NEW</b>
<b>Floor</b>									
	<b>CA 50 C Floor Cleaner</b> Floor cleaner for manual cleaning of all hard and resilient floors - with gentle cleaning action. Also suitable for shiny surfaces and furnishings.	Maintenance cleaning		0.3-1%	neutral pH: 7.4	1 l 5 l	12 2	6.295-683.0 6.295-684.0	
<b>Multi-purpose cleaner</b>									
	<b>Scouring Agent Inoxal</b> Ready-to-use, slightly scented scouring agent, does not scratch, non-corrosive.	Manual - maintenance cleaning		undiluted	neutral pH: 7	10 l 500 ml	1 12	3.334-039.0 3.334-040.0	<b>NEW</b>
	<b>Alcohol Cleaner Alcal</b> Multi-purpose cleaner, high-foaming, slightly scented, cleaning alcohol and surfactant-based, dries quickly and streak-free, for gentle and efficient cleaning of all water-resistant surfaces.	Manual - maintenance cleaning		1-2%	neutral pH: 8	10 l 1 l	1 12	3.334-033.0 3.334-034.0	<b>NEW</b>
	<b>Multi-purpose Cleaner RAG Classic</b> Mild multi-purpose cleaner with active fresh fragrance for all washable floor coverings, surfaces and furnishings in daily facility and office cleaning.	Manual - maintenance cleaning		0.2-3%	neutral pH: 7	10 l 1 l	1 1	3.334-083.0 3.334-085.0	<b>NEW</b>
	<b>Universal Cleaner RUH Classic</b> Mild universal cleaner with pleasant lotus fragrance for all washable floor coverings, surfaces and furnishings, exceptional cleaning performance in manual and mechanical cleaning (SSM-compatible).	Scrubber driers Manual - maintenance cleaning		0.2-3% 0.2-3%	neutral pH: 8	10 l 1 l	1 1	3.334-087.0 3.334-089.0	<b>NEW</b>
<b>Toilet rim blocks</b>									
	<b>Uripur Toilet Rim Blocks Citrus</b> Eliminates unpleasant odours and prevents limescale and urine scale deposits, deodorising and hygienically fresh, does not contain para-dichlorobenzene and phosphates, biodegradable surfactant-based.					1 kg	10	3.336-227.0	<b>NEW</b>

■ Nitritotriacetate-free (NTA-free).

	Product description	Packaging size			Dimensions (L × W × H)	Weight	PU	Order No./ Quantity	Price
Empty containers									
	<b>CA 20 C-D Empty bottle, Sanitary Everyday Cleaner</b>	0.5 l			65 × 65 × 225 mm	0.06 kg	12	6.295-714.0	
	Labelled empty bottle, reusable, for individual dosing of ready-to-use sanitary everyday cleaner from concentrate. Economical and environmentally friendly.								
	<b>CA 30 C-D Empty bottle, Surface Cleaner</b>	0.5 l			65 × 65 × 225 mm	0.06 kg	12	6.295-715.0	
	Labelled empty bottle, reusable, for individual dosing of ready-to-use surface cleaner from concentrate. Economical and environmentally friendly.								

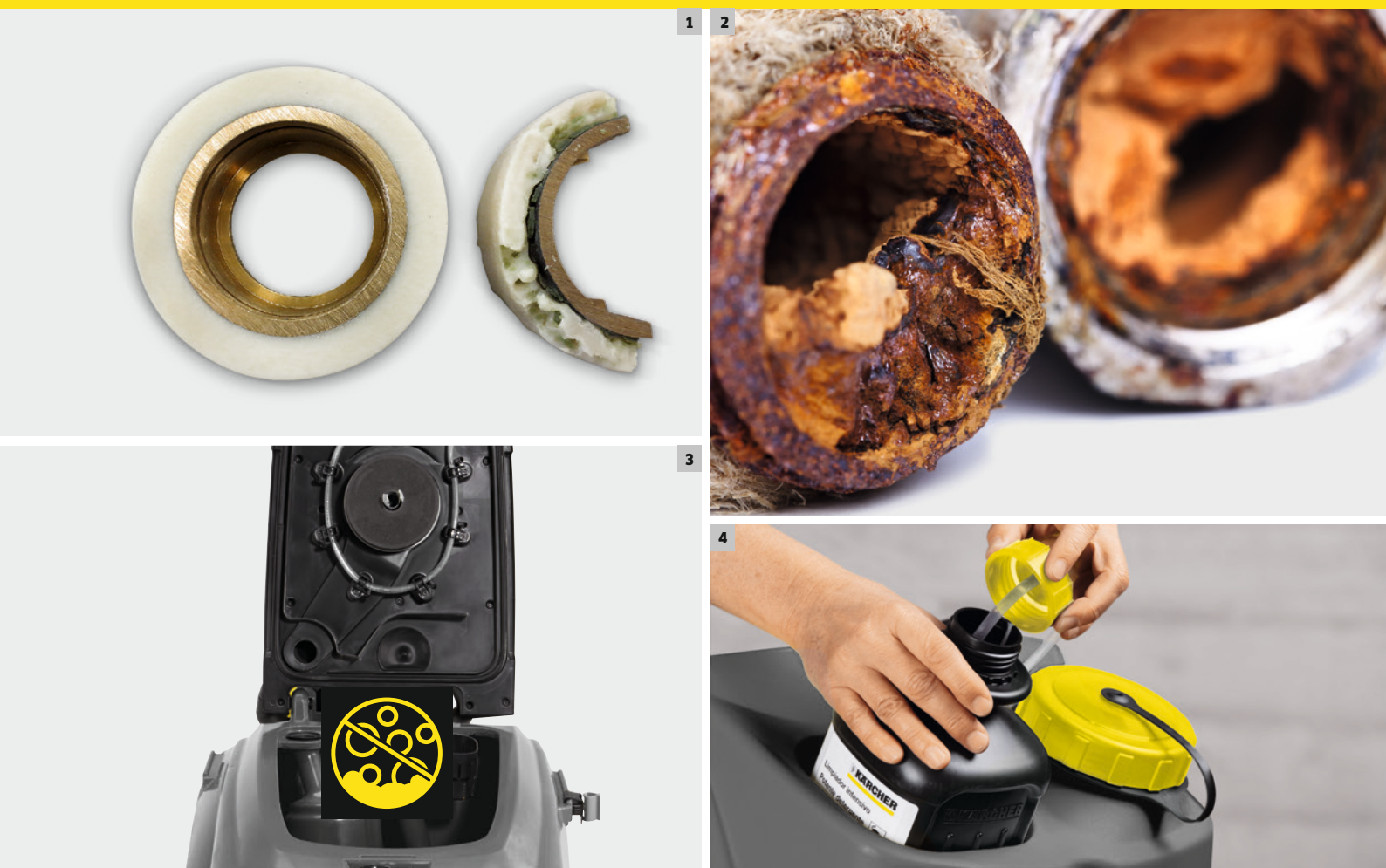
	Product description	Pressure	Dosing range	Dispensing volume	Extendable	Dimensions (L × W × H)	Weight	PU	Order No./ Quantity	Price
Dilution devices										
	<b>Dosing head</b>		5-20 ml			310 × 35 × 35 mm	0.02 kg	12	6.295-724.0	
	Easy-to-use dosing head for precise and efficient cleaning agent dosing. Head fits on all 1 l concentrate bottles.									
	<b>DS 2 Dosing Unit</b>	1.7-3.5 bar	0.3-25%	14 l/min	■	355 × 300 × 210 mm	1.86 kg	1	6.394-653.0	
	DVGW-certified dosing unit for filling floor cleaning machines and buckets and for preparation of HD/HDS primary mixtures. Includes backflow preventer according to DIN EN 1717.									
	<b>DS 3 Cleaning Agent Dosing Station</b>	2-6 bar	0.2-13.5%	15 l/min	■	390 × 390 × 150 mm	3.85 kg	1	2.641-811.0	
	After connecting to a tap, cleaning agent can be filled into the fresh water tank and diluted as required. Can also be used with the filling system attachment kit. Includes backflow preventer (DIN EN 1717).									

	Product description	Suitable for bulk size	Dimensions (L × W × H)	Weight	PU	Order No./ Quantity	Price
<b>Dispensing aids</b>							
	<b>Sprayer, red with foam nozzle</b>	0.5 l	120 × 90 × 35 mm	0.04 kg	12	6.295-722.0	
	Durable spray head including foam nozzle for CA 20 R Sanitary Everyday Cleaner, ready-to-use. With 3-finger trigger and adjustable, uniform spraying pattern. Sufficient for 40 applications.						
	<b>Sprayer, blue</b>	0.5 l	120 × 90 × 35 mm	0.04 kg	12	6.295-723.0	
	Durable spray head for CA 30 R Surface Cleaner, ready-to-use. With 3-finger trigger and adjustable, uniform spraying pattern. For minimum 15,000 actuations (40 × 0.5 l bottles).						
	<b>Spray nozzle, red</b>		17 × 15 × 15 mm	3 g	12	6.295-725.0	
	Practical aid for application of ready-to-use sanitary everyday cleaner for wide area coverage. Spraying pattern can be adjusted in combination with the red sprayer.						
	<b>Container valve, 5 l</b>	5 l	85 × 48 × 40 mm	0.02 kg	1	6.394-819.0	
	Practical aid for efficient filling and dosing of cleaning agents from containers.						



## FloorPro: POWERFUL AND HIGH PERFORMANCE

Kärcher FloorPro cleaning agents are highly effective and excellent cleaning results are achieved in the shortest time with less effort. In the Kärcher cleaning system, machines, accessories and cleaning agents are perfectly matched. This makes work easier, faster and more convenient. At the same time, optimal protection of the cleaning machines and surfaces to be cleaned are added benefits.



### 1 Machine compatibility

The content materials in Kärcher cleaning and care agents are specially formulated for the materials of the cleaning machines. In extreme material tests and long-term trials during the development of cleaning agents and machines, we ensure that e.g. seals, rollers and brush material are not attacked. For you, this means: machines and cleaning agents in the Kärcher system are the safest and most efficient solution in the long term.

### 2 Limescale and corrosion protection

We want you to profit from your Kärcher cleaning machines for as long as possible. For this reason, all Kärcher cleaning agents contain protecting and preserving active ingredients, which protect the machine from calcification and rust. Special limescale inhibiting components also prevent the formation of lime films and lime soap stains. Lime soap stains are caused by hard water and block hoses or lead to sticky deposits on the floor.

### 3 Easy and efficient application

Highly developed Kärcher cleaning agents for scrubber driers combine high cleaning performance with low foam formation in the water tank. Exemplary low foam formulas allow easy and efficient processing. The entire dirty water tank volume can be used and the intervals between emptying are longer.














### 4 Reliable and precise dosing

DOSE, the integrated cleaning agent dosing unit from Kärcher, enables, in addition to reliable and precise dosing, quick and easy opening and closing as well as cleaning agent dosing control from 2.5 l and 10 l Kärcher containers. No more inconvenient manual dosing. No overdosing. Changing between different cleaning agents can take place quickly without wasting unused cleaning agent. This saves costs. At the same time, the tank stays clean and free from microbial load through cleaning agent residue.






























































Product	No.	Activity								Soiling								Application area								Properties						Page				
		Stain removal	Maintenance cleaning	Intermediate cleaning	Deep cleaning	Disinfection	Maintenance care	Intermediate care	Care, protection	Oil, grease, soot, wax, protein, road dirt	Rubber wear, heel marks and footprints	Limescale, rust, urine scale, cement	Ink, biro/felt tip pen, adhesives	Foam reduction	Bacteria, fungi, viruses	Care/protective film (polymer and wax coatings)	PVC, PUR, PE, PU, epoxy resin	Linoleum	Rubber	Concrete, screed	Fine stone, unglazed	Ceramic, tiles, granite, porphyry	Marble, terrazzo	Surfactant-free	High wetting ability (special surfactant mixture)	Very low foaming	Highly streak-free / shine-enhancing	Anti-slip DIN 51131, DIN EN 13893, sports halls DIN 14904	Anti-slip, sports halls DIN EN 18032							
FloorPro Tyre and Abrasion Trace Remover	RM 776	■									■						■			■	■	■									784					
Universal Stain Remover	RM 769	■											■				■	■	■	■	■	■	■								784					
FloorPro Multi Cleaner	RM 756 ■		■							■							■	■	■	■		■	■		✓						784					
FloorPro Universal Cleaner	RM 743		■							■							□	□	□	□	■	□	□	✓		✓					784					
FloorPro Shine Cleaner	RM 730		■							■							■	■	■	■		■	■			✓		✓				784				
FloorPro Fine Stoneware Cleaner	RM 753		■							■							□	□	□	□	■	□	□	✓		✓						784				
FloorPro Wipe Care Solinet	- ■		■				■			■							■	■	■	■		■	■					✓		✓		785				
FloorPro Wipe Care Extra	RM 780		■				■			■							■	■	■	■		■	■					✓		✓		784				
FloorPro Wipe Care	RM 746		■				■			■							■	■	■	□		□	□									784				
FloorPro Spray Cleaner	RM 748			■				■		■	■						■	■	■														785			
FloorPro Spray Cleaner Unispray	- ■			■				■		■	■						■	■	■														785			
FloorPro Intensive Deep Cleaner Extra	RM 752				■					■						□	■			■	■	■	■										785			
FloorPro Allround Deep Cleaner	RM 754		□		■					■						■	■	■	□	■	□	■	■										785			
Intensive Deep Cleaner, NTA-free	RM 750				■					■							■			■	■	■	■											785		
FloorPro Floor Deep cleaner eco/efficiency	RM 69		□		■					■							■			■	□	■	■											785		
FloorPro Floor Deep Cleaner	RM 69		□		■					■							■			■	□	■	■											785		
Floor Cleaner RAT Classic	- ■		■		■					■							■			■	□	■	■			✓		✓						784		
FloorPro Shine Cleaner, low foam	RM 755		■		■					■							■			■	□	■	■			✓		✓							785	
FloorPro Deep Cleaner, acidic	RM 751		□		■							■					□				■	■													786	
FloorPro Escalator Cleaner, neutral	RM 758		□		■					■																										786
CarpetPro Foam Blocker	RM 761		■		■									■																						786
Disinfectant cleaner	RM 732		■			■				■					■		■	■	■	■	■	■	■	■											786	
Disinfectant	RM 735					■									■		■	■	■	■	■	■	■	■											786	
FloorPro Protect Dispersion Extra	RM 782								■								■	■	□										✓			PVC			786	
FloorPro Care Dispersion	RM 784						■	■	■								■	■	□										✓						786	
FloorPro Crystallising Agent	RM 749								■														■													786
FloorPro High Gloss Crystallising Agent, powder	RM 775								■														■													786

■ NEW ■ usable □ conditionally usable

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
Stain removal									
	<b>FloorPro Tyre and Abrasion Marks Remover RM 776, NTA-free</b> Highly active special cleaner for removing rubber abrasion marks and marks caused by forklift trucks. Also effectively removes stubborn oil and soot contamination as well as polymer and wax coatings. Adhesive tape residue is efficiently removed.	Deep cleaning		undiluted	alkaline pH: 13.3	10 l	■	1	6.295-545.0
						20 l	■	1	6.295-546.0
							200 l	■	1
	<b>Universal Stain Remover RM 769</b> Universal Stain Remover RM 769 for all textile coverings, upholstery and hard surfaces – removes oil, tar, shoe polish, adhesive, etc., from solvent-resistant surfaces.	Manual		undiluted		500 ml	■	6	6.295-490.0
Maintenance cleaning									
	<b>FloorPro Multi Cleaner RM 756</b> High wetting ability, universal and very economical: RM 756 FloorPro Multi Everyday Cleaner for mechanical and manual cleaning of floors and surfaces.	Manual – maintenance cleaning Scrubber driers – maintenance cleaning		0.25–1%  0.25–1%	slightly alkaline pH: 9	1 l	■ ▲	12	6.295-913.0
						2.5 l	■ ▲	4	6.295-915.0
							10 l	■ ▲	1
									
	<b>FloorPro Universal Cleaner RM 743</b> All-purpose floor cleaner for cleaning both resilient floors and also hard surfaces. Suitable for streak-free cleaning of linoleum and fine stoneware tiles. Very low-foam. Free from tensides and readily separating.	Maintenance cleaning Manual		0.5–2% 0.5–2%	slightly alkaline pH: 10.5	1 l	■ ▲	12	6.295-293.0
	<b>FloorPro Shine Cleaner RM 730</b> Low-foam floor shine cleaner for all high-gloss, hard and resilient floors. Especially suitable for cleaning high-gloss stone floors. RM 730 ASF dries streak-free.	Scrubber driers – deep cleaning Scrubber driers – maintenance cleaning Manual		10–25%  1–3% 1%	slightly alkaline pH: 10.8	1 l	■ ▲	6	6.295-491.0
	<b>FloorPro Fine Stoneware Cleaner RM 753</b> Special cleaner for all fine stoneware tiles. Reliably dissolves oil, grease and mineral soiling. Does not impair anti-slip properties of tiles. Free from tensides and readily separating.	Deep cleaning Maintenance cleaning Manual		5–20% 3–5% 3%	slightly alkaline pH: 10.5	2.5 l	■ ▲	4	6.295-587.0
						10 l	■ ▲	1	6.295-082.0
	<b>Floor Cleaner RAT Classic</b> Mild machine cleaner for daily use, with active cleaning power and fresh fragrance for all hard floor coverings, coated and uncoated.	Scrubber driers – maintenance cleaning Scrubber driers – deep cleaning		0.5–3%  5–10%	slightly alkaline pH: 8.7	10 l		1	3.334-102.0
									
Maintenance cleaning and care									
	<b>FloorPro Wipe Care Extra RM 780</b> Powerful cleaning and care agent for maintenance cleaning of all water-resistant hard and resilient floors and coverings. Specially suited for gyms and multi-purpose halls, as expert report in accordance with DIN V 18032-2:2001-04 concerning anti-slip properties is available. Wipe Care Extra RM 780 dries streak-free.	Maintenance cleaning Manual		0.5–2% 1–3%	slightly alkaline pH: 9	2.5 l	■	4	6.295-580.0
						10 l	■	1	6.294-997.0
						20 l	■	1	6.295-468.0
	<b>FloorPro Wipe Care RM 746</b> Active neutral soap cleaner. Produces an anti-slip and dirt-repellent care film. Polishes very easily. Produces a gleaming high-gloss finish.	Maintenance cleaning Manual		1–3% 1–3%	slightly alkaline pH: 9.2	10 l	■	1	6.295-156.0
						200 l	■	1	6.295-465.0
	<b>FloorPro Care Dispersion RM 784</b> Polymer dispersion for initial, interim and maintenance care of floor coverings. Forms an anti-slip, dirt-repellent and abrasion resistant protective film. High covering power.	Coating Spray cleaner Wipe restoration Wipe care		undiluted 20–30% 30–50% 1–3%	neutral pH: 7.6	5 l	■	2	6.295-817.0
									












■ Nitrilotriacetate-free (NTA-free).

▲ Easily separable in oil separator systems (ASF).

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
	<b>FloorPro Wipe Care Solinet</b> Mildly scented, non-coating wiper care agent, quick-drying and leaves a streak-free film without affecting the surface of the floor covering.	Scrubber driers Manual – maintenance cleaning		0.5–3%  0.5–3%	neutral pH: 7	10 l 1 l	1 12	3.334-054.0 3.334-055.0	
									
Intermediate cleaning and care (e.g. spray cleaners, wipe restoration)									
	<b>FloorPro Spray Cleaner RM 748</b> Wax-based slip-resistant spray emulsion for all coated hard surfaces. Repairs and restores coated floors. Removes heel marks and footprints, while applying an anti-slip finish.	Cleaners		undiluted	slightly alkaline pH: 8.5	10 l	 1	6.295-162.0	
	<b>FloorPro Care Dispersion RM 784</b> Polymer dispersion for initial, interim and maintenance care of floor coverings. Forms an anti-slip, dirt-repellent and abrasion-resistant protective film. High covering power.	Coating Spray cleaner Wipe restoration Wipe care		undiluted 20–30% 30–50% 1–3%	neutral pH: 7.6	5 l	 2	6.295-817.0	
									
	<b>FloorPro Spray Cleaner Unispray</b> Ready-to-use, solvent-free, surfactant-based, non-film-forming spray cleaner, leaves a shiny finish, dried splashes can be polished out easily.	Single-disc machines Manual – spray cleaners		undiluted	neutral pH: 6.8	10 l	1	3.334-059.0	
									
Deep cleaning									
	<b>FloorPro Intensive Deep Cleaner Extra RM 752</b> Extra powerful deep cleaning agent for removal of stubborn dirt and coatings of alkali-resistant floors. Removes even the most stubborn oil, grease and mineral stains.	Deep cleaning (care film) Deep cleaning (dirt)		20–50% 5–20%	alkaline pH: 13.2	10 l 200 l 1000 l	  1   1   1	6.295-813.0 6.295-814.0 6.295-815.0	
									
	<b>FloorPro Allround Deep Cleaner RM 754</b> Highly efficient deep cleaning agent for easy removal of wax and polymer coatings on water-resistant and alkali-sensitive floors. No time-consuming rinsing required.	Deep cleaning (care film) Deep cleaning (dirt) Maintenance cleaning		15–50% 10–20% 1–3%	slightly alkaline pH: 10.5	10 l 200 l	  1   1	6.295-811.0 6.295-812.0	
									
	<b>Intensive Deep Cleaner RM 750</b> Powerful deep cleaner effectively removes the most stubborn stains, such as oil, grease, soot, blood and proteins. Low foam production. Particularly suited for floor cleaning by machine and for processing with hard surface cleaners. NTA-free.	Pressure washers Scrubber driers – stripping	1+3	1–5%  10–50%	alkaline pH: 13.7	10 l 200 l	  1   1	6.295-539.0 6.295-540.0	
	<b>FloorPro Deep Cleaner RM 69 eco!efficiency</b> Powerful cleaning agent for flooring and industrial floors effortlessly removes stubborn oil, grease, soot and mineral contamination. With the eco!efficiency formulation, it is especially economical, effective and environmentally friendly.	Deep cleaning Scrubber-driers – deep cleaning (eco!efficiency) Maintenance cleaning Scrubber driers – maintenance cleaning Manual		10–25%  7–20% 0.5–1%  0.05–3.5% 0.5–1%	alkaline pH: 12.2	2.5 l 10 l 20 l 200 l	  4   1   1   1	6.295-650.0 6.295-651.0 6.295-652.0 6.295-653.0	
	<b>FloorPro Deep Cleaner RM 69</b> Powerful cleaner, effortlessly removes stubborn oil, grease, soot and mineral soiling from floors and industrial floors.	Deep cleaning Maintenance cleaning Manual		10–25% 0.5–1% 0.5–1%	alkaline pH: 12.1	2.5 l 10 l 20 l 200 l 1000 l	  4   1   1   1   1	6.295-582.0 6.295-120.0 6.295-415.0 6.295-416.0 6.295-123.0	
	<b>FloorPro Shine Cleaner RM 755</b> Citrus-fresh low-foam floor shine cleaner for all hard floors. RM 755 dries completely streak-free. Ideal for high-gloss stone floors.	Deep cleaning Maintenance cleaning Manual		10–25% 1–3% 1%	alkaline pH: 12	2.5 l 10 l 20 l 200 l 1000 l	  4   1   1   1   1	6.295-846.0 6.295-174.0 6.295-409.0 6.295-176.0 6.295-177.0	








■ Nitrilotriacetate-free (NTA-free).

▲ Easily separable in oil separator systems (ASF).

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size		PU	Order No./ Quantity	Price
	<b>FloorPro Deep Cleaner, acidic RM 751</b> Acidic deep cleaner for floor cleaners. Effectively removes cement film, deposits and residue, e.g. limescale, rust, beer or milk residues. Ideal for final cleaning on building sites.	Deep cleaning		5-25%	acidic	2.5 l	■	4	6.295-586.0	
		Maintenance cleaning		1-5%	pH: 0.7	10 l	■	1	6.295-129.0	
		Manual		0.5-1%		200 l	■	1	6.295-130.0	
	<b>FloorPro Escalator Cleaner, neutral RM 758</b> Intensive hard floor cleaner for escalators and travelators additionally protects the machine and escalator equipment from corrosion. Removes oil, grease and mineral contamination. For escalators manufactured by KONE, Otis, Fujitel, Schindler, Mitsubishi, CNIM, DONG, YANG, HITACHI and TOSHIBA, among others.	Escalator cleaning		10-40%	neutral pH: 6.7	20 l	■ ▲	1	6.295-408.0	
<b>Supplement deep cleaning</b>										
	<b>CarpetPro Foam Blocker RM 761</b> The CarpetPro Foam Blocker RM 761 reduces foaming in wastewater tanks and increases the device's duration of use. Compatible with all machines.	Wet and dry vacuum cleaners		0.5%		2.5 l	■	1	6.291-389.0	
		Spray extraction machines		0.5%						
		Carpet cleaners		0.5%						
		Floor cleaning units		0.5%						
		Parts cleaners		0.5%						
<b>Disinfection</b>										
	<b>Disinfectant Cleaner RM 732</b> Disinfectant cleaning agent. With bactericidal, fungicidal and limited virucidal properties. Offers very good cleaning effect. DVG-listed. Use biocides safely. Always read the label and product information before use.	Pressure washers		1-3%	slightly alkaline	5 l		1	6.295-596.0	
		Maintenance cleaning		1-3%	pH: 9.9	200 l		1	6.295-417.0	
		Spray units		1-3%						
		Manual		1-3%						
	<b>Disinfectant RM 735</b> Effective, neutral disinfectant. With bactericidal, fungicidal and limited virucidal properties (e.g. hepatitis B). VAH/DGHM and DVG-listed. Use biocides safely. Always read the label and product information before use.	Pressure washers		0.75-2%	neutral	2.5 l	■	4	6.295-585.0	
		Spray units		0.75-2%	pH: 7.6	5 l	■	1	6.295-597.0	
		Manual		0.75-2%						
<b>Care and protection</b>										
	<b>FloorPro Protect Dispersion Extra RM 782</b> Extra robust polymer coating for water-resistant floors. Excellent covering power, adhesion, slip resistance and abrasion resistance. Increased resistance to alcohol and disinfectant.	Coating		undiluted	slightly alkaline pH: 8.6	5 l	■	2	6.295-816.0	
										
	<b>FloorPro Care Dispersion RM 784</b> Polymer dispersion for initial, interim and maintenance care of floor coverings. Forms an anti-slip, dirt-repellent and abrasion-resistant protective film. High covering power.	Coating		undiluted	neutral	5 l	■	2	6.295-817.0	
		Spray cleaner		20-30%	pH: 7.6					
		Wipe restoration		30-50%						
		Wipe care		1-3%						
										
	<b>FloorPro Crystallising Agent RM 749</b> Crystallising liquid for treating and hardening calcareous floors such as marble, terrazzo and cast stone. The crystallised floor is then harder and more wear-resistant.	Crystallising		undiluted	acidic pH: 0.8	10 l	■	1	6.295-284.0	
	<b>FloorPro High Gloss Crystallising Agent, powder RM 775</b> Crystallising powder for treating and hardening marble and terrazzo floors. After crystallisation, the floor has an attractive high gloss and is harder and more resistant to wear.	Crystallising		undiluted	acidic pH: 1.4	5 kg	■	1	6.295-117.0	

■ Nitrilotriacetate-free (NTA-free).

▲ Easily separable in oil separator systems (ASF).

	Product description	Pressure	Dosing range	Dispensing volume	Extendable	Dimensions (L × W × H)	Weight	PU	Order No./ Quantity	Price
Dilution devices										
	<b>DS 2 Dosing Unit</b> DVGW-certified dosing unit for filling floor cleaning machines and buckets and for preparation of HD/HDS primary mixtures. Includes backflow preventer according to DIN EN 1717.	1.7–3.5 bar	0.3–25%	14 l/min	■	355 × 300 × 210 mm	1.86 kg	1	6.394-653.0	
	<b>DS 3 Cleaning Agent Dosing Station</b> After connecting to a tap, cleaning agent can be filled into the fresh water tank and diluted as required. Can also be used with the filling system attachment kit. Includes backflow preventer (DIN EN 1717).	2–6 bar	0.2–13.5%	15 l/min	■	390 × 390 × 150 mm	3.85 kg	1	2.641-811.0	
	Product description	Suitable for bulk size				Dimensions (L × W × H)	Weight	PU	Order No./ Quantity	Price
Dispensing aids										
	<b>Container valve, 5 l</b> Practical aid for efficient filling and dosing of cleaning agents from containers.	5 l				85 × 48 × 40 mm	0.02 kg	1	6.394-819.0	
	<b>Container valve, 10l</b> Practical aid for efficient filling and dosing of cleaning agents from containers.	10 l				60 × 90 × 70 mm	0.04 kg	1	6.394-758.0	
	<b>Container valve, 20l</b> Practical aid for efficient filling and dosing of cleaning agents from containers.	20 l				75 × 110 × 60 mm	0.04 kg	1	6.394-759.0	
	<b>Drum tap, 200 l</b> For dispensing cleaning agents from drums.	200 l				150 × 100 × 65 mm	0.08 kg	1	6.412-438.0	
	<b>Drum pump, 200 l</b> Practical pump for dosing and efficient dispensing of cleaning agents from drums. Accurate and easy to use.	200 l				1560 × 175 × 90 mm	1.1 kg	1	6.291-108.0	
	Product description	Pressure	Filling volume	Material	Dispensing volume	Dimensions (L × W × H)	Weight	PU	Order No./ Quantity	Price
Spray units										
	<b>Cleaning Agent Sprayer</b> Easy and convenient-to-use cleaning agent sprayer with sturdy plastic container and comfortable carrying strap for cleaning agent and disinfectant application.	3 bar	5 l	Plastic	0.46–1.22 l/min	520 × 200 × 200 mm	1.8 kg	1	6.394-255.0	
	<b>EK 1 Cleaning Agent Sprayer</b> Mobile and compact: low-pressure spray unit for effective dispensing of cleaning agent for wide area coverage. With integrated manual pump, ergonomic pump handle and level control.	0.5–6 bar	10 l	Stainless steel	0.78 l/min	640 × 285 × 270 mm	4.7 kg	1	6.394-628.0	
	<b>Telescopic spray lance</b> Accessory for a long reach for use with EK 1 Cleaning Agent Sprayer. Extendable from 860 to 1520 mm including nozzle for precise application.					875 × 45 × 20 mm	0.37 kg	1	6.393-313.0	
	<b>Pump spray bottle</b> 1-litre pump spray bottle – including pump and pressure tank – easy, uniform spraying for cleaning or crystallising.		1 l	Plastic	0.22 –0.38 l/min	195 × 140 × 310 mm	0.56 kg	1	6.394-409.0	

# THE PERFECT COMBINATION OF OPTIMAL CLEANING, VALUE RETENTION AND ENVIRONMENTAL COMPATIBILITY

Our cleaning agents are specially formulated for all water hardness levels and are suitable for Kärcher wash systems. Special content materials protect components in contact with water against corrosion. Kärcher ASF products are environmentally friendly due to their patented, easily separable formulas.



3

RIM CLEANING

PRE-CLEANING

HIGH PRESSURE/FOAM WASH

DRYING AID/CONSERVATION

1

4



5

2



20 litres  
highly concentrated



80 litres  
primary mixture 1+3



10,000 litres  
application solution  
(e.g. 0.8%)

## 1 Comprehensive vehicle cleaning

Our range of cleaning and care agents for washing vehicles offers products for all applications. From rim cleaning, prewash, high-pressure and foam wash to drying aids and conservation.

## 2 Highly concentrated power

We use high-quality raw materials for our cleaning agents – in extra-high concentrations. This allows these products to be used in very small dosages, which saves costs. 20 litres of high-pressure cleaning agent produces up to 10,000 litres of ready-to-use cleaning solution. High concentrates also save packaging material and conserve resources. We give you concentrated power and not packaged water.

## 3 Easily separable formulas (ASF)

Many Kärcher cleaning agents fulfil two tasks with special easily separable formulas (ASF). Firstly: the effective removal of grease and contamination containing mineral oil. Secondly: assurance of the reliability of the separator. Kärcher cleaning agents with ASF also ensure that surfactants quickly separate again from water and contamination containing grease/mineral oil – for more complete and faster separation in the oil separator.

## 4 Compliance with the highest industry standards

Many Kärcher cleaning agents for washing vehicles comply with the high standards of the German Association of the Automotive Industry (VDA). These VDA-compliant cleaning agents ensure gentle and thorough cleaning.

## 5 Care and protection without contact

Foam technology is a decisive factor in contactless vehicle washing. Here, Kärcher sets standards with products like Foam Cleaner RM 838 and Foam Polish Plus RM 837. Foam Cleaner RM 838 offers high cleaning performance and perfect, long-acting foam. Foam Polish Plus RM 837 with repair effect provides long-lasting protection.












Product	No.	Activity						Soiling		Application area								Properties			Page
		Pre-cleaning	Rim cleaning	Cleaning	Foam cleaning	Care, protection	Drying	Oil, grease, soot, insect residues	Limescale, rust, cement, salt deposits	SB	2 pumps	3 pumps	> 4 pumps	2 pumps	3 pumps	Train	Wash hall	ASF (easily separable in oil separators)	NTA-free	VDA class	
VehiclePro Prewash Classic	RM 803	■						■				■(1)	■					✓	✓		790
VehiclePro Truck Cleaner, acidic	RM 804	■		■					■						■(1)			✓	✓		790
VehiclePro Truck Cleaner, alkaline	RM 805	■		■				■							■(1)				✓		790
VehiclePro Rim Cleaner, acidic	RM 800		■						■	■		■(1)	■	■(V)	■(V)			✓	✓		790
VehiclePro Rim Cleaner, alkaline, Classic	RM 801		■					■		■		■(1)	■	■(V)	■(V)				✓	B	790
VehiclePro Rim Foam	RM 802 ■		■					■		■		■(1)	■					✓	✓	A	790
VehiclePro Active Foam Wash Nano Classic	RM 816				■			■			■(1)	■(2)	■					✓	✓	B	790
VehiclePro High-Pressure Wash, NTA-free	RM 806	■		■				■		■					■(1)			✓	✓		790
VehiclePro High-Pressure Wash	RM 806	■		■				■		■					■(1)			✓	✓		790
VehiclePro Foam Cleaner	RM 838 ■				■			■		■	■(1)	■(2)	■						✓	A	791
VehiclePro Brush Shampoo Classic	RM 811				■			■			■(1)	■(2)	■	■(1)	■(2)	■		✓	✓	B	791
VehiclePro Active Foam Classic	RM 812				■			■			■(1)	■(2)	■					✓	✓	B	791
VehiclePro Shine Dryer Nano Classic	RM 832										■(2)	■(3)	■						✓	A	791
VehiclePro Liquid Leather	RM 833						■	■						■(2)	■(3)	■			✓		791
VehiclePro Hot Wax Classic	RM 820					■	□			■			■						✓	A	791
VehiclePro Spray Wax Classic	RM 821					■	■			■				■(2)	■(3)				✓	A	791
VehiclePro Super Pearl Wax Classic	RM 824						■				■(2)	■(3)	■						✓	A	791
VehiclePro Drying Aid Classic	RM 829					■	■				■(2)	■(3)	■						✓	A	791
VehiclePro Kärcher Polish Plus	RM 831					■							■						✓	A	791
VehiclePro Foam Polish Plus	RM 837					■				■			■								792
VehiclePro Washing Bay and Tile Cleaner Classic	RM 841			■				□	■								■	✓	✓		792
Softening Salt	-									■	■	■	■	■	■	■					792
Rim Cleaner, alkaline	CP 901		■					■	□	■									✓	B	793
Intensive Dirt Remover	CP 930	■						■		■								✓	✓		793
High-Pressure Wash	CP 935			■				■		■								✓	✓		793
Active Foam	CP 940				■			■		■								✓	✓	B	793
Thermo Wax	CP 945					■	□			■									✓	A	793
Top Care	CP 950					■	■			■									✓	A	793

■ NEW ■ usable □ conditionally usable

0 Pump / example: (2) indicates a possible product for 2nd pump












(V) Prespray, i.e. no pump application

Product description		Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
Pre-sprayer and rim cleaner									
	<b>VehiclePro Prewash RM 803 Classic</b> Active, gentle high-pressure pre-spraying agent. For trouble-free acceleration of the softening and removal of oil and grease deposits, as well as insect residues. NTA-free.	Pressure washers	1+2	1.5-6%	alkaline	10 l	■ ▲ 1	6.295-547.0	
		Vehicle washing plant		0.5-2%	pH: 13	20 l	■ ▲ 1	6.295-548.0	
		Self-service washing stations	1+2	1.5-6%		200 l	■ ▲ 1	6.295-549.0	
		Spray units		2%					
	<b>VehiclePro Truck Cleaner, acidic RM 804</b> Acid pre-spraying agent for commercial vehicle brush and high-pressure washing facilities. Removes mineral soiling such as plaster, lime, mortar and concrete from construction site vehicles and steel structures.	Pressure washers		1-3%	acidic	20 l	■ ▲ 1	6.295-595.0	
		Vehicle washing plant		1-3%	pH: 1	200 l	■ ▲ 1	6.295-598.0	
		Spray units		1-3%					
	<b>VehiclePro Truck Cleaner, alkaline RM 805, NTA-free</b> The pre-spraying agent in commercial vehicle washes effectively supports the removal of the most stubborn contamination, like lubricants, soot, oil, tar, insects and grey film on all types of commercial vehicles. NTA-free.	Spray units		1-3%	alkaline	20 l	■ 1	6.295-550.0	
		Pressure washers		1-3%	pH: 12.8				
		Vehicle washing plant		1-3%					
	<b>VehiclePro Rim Cleaner, acidic RM 800</b> Highly effective rim cleaner concentrate. Active foam enables the gentle removal of all normal rim contamination, like brake dust, tyre wear, winter salt residues, lime stains and salt deposits.	Spray units		10%	acidic	20 l	■ ▲ 1	6.295-441.0	
		Self-service washing stations		10%	pH: 0.3	200 l	■ ▲ 1	6.295-452.0	
		Vehicle washing plant		10%					
	<b>VehiclePro Rim Cleaner, alkaline RM 801 Classic</b> Special rim cleaner for all coated light metal and steel rims (excludes uncoated, high-gloss special rims). Gentle action, effectively removes the most stubborn rim contamination, e.g. road dust, baked-on brake dust, tyre wear and winter salt residues. Does not attack concrete floors or wheel arches. <sup>2)</sup>	Spray units		10%	alkaline	20 l	■ 1	6.295-323.0	
		Self-service washing stations		10-20%	pH: 13.5	200 l	■ 1	6.295-401.0	
		Vehicle washing plant		10-20%					
	<b>VehiclePro Rim Foam RM 802</b> VehiclePro Rim Foam RM 802: high-foaming rim cleaner for aluminium and steel rims. Highly effective against stubborn dirt, gentle on materials and the environment.	Self-service washing stations		2-3%	alkaline	20 l	■ 1	6.295-934.0	
		Vehicle washing plant		2-3%	pH: 13.1				
NEW									
High-pressure and foam wash									
	<b>VehiclePro Active Foam Wash Nano RM 816 Classic</b> Highly active, wax-compatible brush shampoo for brush cleaning in automatic washing bays. A special active ingredient combination improves brush sliding ability to protect the vehicle surface and prepare it optimally for treatment with Gloss Dryer Nano RM 832. VDA-compliant. <sup>2)</sup>	Vehicle washing plant		0.2%	slightly alkaline	20 l	■ ▲ 1	6.295-440.0	
					pH: 8.7	200 l	■ ▲ 1	6.295-322.0	
	<b>VehiclePro High-Pressure Wash RM 806 Classic, NTA-free</b> This concentrate has a broad dirt-dissolving range and removes the most stubborn road dirt, such as dust, oil, lubricating grease, insects, tree resin and mud. NTA-free.	Pressure washers	1+3	0.8-2%	alkaline	20 l	■ ▲ 1	6.295-553.0	
		Self-service washing stations	1+3	0.8-2%	pH: 13.3	200 l	■ ▲ 1	6.295-554.0	
	<b>VehiclePro High-Pressure Wash RM 806</b> This concentrate has a broad dirt-dissolving range and removes the most stubborn road dirt, such as dust, oil, lubricating grease, insects, tree resin and mud.	Pressure washers	1+3	0.8-2%	alkaline	5 l	▲ 1	6.295-504.0	
		Self-service washing stations	1+3	0.8-2%	pH: 13.5	20 l	▲ 1	6.295-433.0	
						200 l	▲ 1	6.295-134.0	

<sup>1)</sup> VDA-compliant Class A.<sup>2)</sup> VDA-compliant Class B.

■ Nitrilotriacetate-free (NTA-free).




▲ Easily separable in oil separator systems (ASF).

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size		PU	Order No./ Quantity	Price
	<b>VehiclePro Foam Cleaner RM 838</b> The alkaline Foam Cleaner RM 838 for contactless vehicle washing effortlessly removes heavy oil and grease stains, insect residues and road dirt and is gentle on paintwork. <sup>1)</sup>	High-pressure cleaner with foam nozzle	1+3	1-2%	alkaline pH: 13	20 l	■	1	6.295-838.0	
				1-2%		200 l	■	1	6.295-839.0	
										
	<b>VehiclePro Brush Shampoo RM 811 Classic</b> Highly active, wax-compatible brush shampoo for brush washing in automatic washing bays. Special active ingredient combination supports brush sliding ability and protects the vehicle surface. VDA-compliant. <sup>2)</sup>	Vehicle washing plant		0.2%	slightly alkaline pH: 8.7	20 l	■ ▲	1	6.295-439.0	
						200 l	■ ▲	1	6.295-140.0	
	<b>VehiclePro Active Foam RM 812 Classic</b> Very powerful, intensive active foam. Specially formulated content materials to protect vehicle surfaces as well as the brushes. VDA-compliant. <sup>2)</sup>	Self-service washing stations	1+3	0.8%	slightly alkaline	20 l	■ ▲	1	6.295-430.0	
		Vehicle washing plant		0.2%	pH: 8.9	200 l	■ ▲	1	6.295-137.0	
<b>Waxes and drying aids</b>										
	<b>VehiclePro Gloss Dryer Nano RM 832 Classic</b> Liquid pearl wax with special nano particles for use in car wash stations, self-service wash systems and high-pressure machines. The Nano shine dryer quickly breaks down the water film to produce very good drying results. VDA-compliant. <sup>1)</sup>	Vehicle washing plant		0.1-0.2%	slightly acidic	20 l	■	1	6.295-432.0	
		Self-service washing stations		0.1-0.2%	pH: 4	200 l	■	1	6.295-320.0	
		Pressure washers	1+9	1-2%						
	<b>VehiclePro Liquid Leather RM 833</b> Special drying aid for washes without blow drying. Lets water run off over large surfaces and dries without spots and streaks. Suitable for high-pressure cleaners as well.	Vehicle washing plant	1+3	0.4-0.8%	alkaline pH: 12	20 l	■	1	6.295-391.0	
						200 l	■	1	6.295-392.0	
	<b>VehiclePro Hot Wax RM 820 Classic</b> This liquid thermo wax produces a weather-resistant preservative layer to protect vehicles against corrosion. Contains natural carnauba wax. VDA-compliant. <sup>1)</sup>	Pressure washers	1+9	1-2%	neutral	20 l	■	1	6.295-428.0	
		Vehicle washing plant		0.1-0.2%	pH: 6.3	200 l	■	1	6.295-143.0	
		Self-service washing stations	1+9	1-2%						
	<b>VehiclePro Spray Wax RM 821 Classic</b> This liquid spray wax gives vehicles a brilliant shine and long-term protection. Unaffected by water quality, it provides a spotless finish without blow drying. VDA-compliant. <sup>1)</sup>	Pressure washers	1+9	1-2%	slightly acidic	20 l	■	1	6.295-431.0	
		Self-service washing stations	1+9	1-2%	pH: 4	200 l	■	1	6.295-084.0	
	<b>VehiclePro Super Pearl Wax RM 824 Classic</b> Drying, protection and care all in one. This liquid pearl wax quickly breaks down the water film and ensures very good drying characteristics, especially if hard water is used. VDA-compliant. <sup>1)</sup>	Vehicle washing plant	undiluted	0.1-0.2%	slightly acidic	20 l	■	1	6.295-438.0	
		Pressure washers	1+9	1-2%	pH: 4	200 l	■	1	6.295-074.0	
	<b>VehiclePro Drying Aid RM 829 Classic</b> This drying aid quickly breaks down the water film and produces a long-lasting and protective layer. Also suitable for soft water and osmosis water. VDA-compliant. <sup>1)</sup>	Vehicle washing plant		0.1-0.3%	slightly acidic	20 l	■	1	6.295-429.0	
		Self-service washing stations		0.1-0.3%	pH: 5	200 l	■	1	6.295-077.0	
	<b>VehiclePro Kärcher Polish Plus RM 831</b> Innovative vehicle care agent with special care formula for long-lasting wax conservation. Protects vehicles against road dirt, insects, acid rain and other harmful environmental influences. VDA-compliant. <sup>1)</sup>	Vehicle washing plant		40-80 ml / vehicle	slightly acidic pH: 3.5	10 l	■	1	6.295-110.0	
						20 l	■	1	6.295-427.0	

<sup>1)</sup> VDA-compliant Class A.<sup>2)</sup> VDA-compliant Class B.

■ Nitrilotriacetate-free (NTA-free).

▲ Easily separable in oil separator systems (ASF).







	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
	<b>VehiclePro Foam Polish Plus RM 837</b> Clearly visible, long-lasting preservation with repair effect. Protects the surface from environmental influences. Increases shine. With lotus blossom extract.	Vehicle washing plant		20-40 ml / vehicle	slightly acidic pH: 4	20 l	■	1	6.295-779.0
		Self-service washing stations		20-40 ml / vehicle					
Other products									
	<b>VehiclePro Washing Bay and Tile Cleaner RM 841</b> This acidic washing bay and tile cleaning concentrate quickly and efficiently removes lime, grease, wax, cleaning agent residue and traces of rust.	Deep cleaning		20-50%	acidic	20 l	■ ▲	1	6.295-419.0
		Maintenance cleaning		5-10%	pH: 0.3				
	<b>VehiclePro Softening Salt</b> Specially formulated to soften water in soft water osmosis water systems.	Vehicle washing plant				25 kg	■	1	6.287-016.0

<sup>1)</sup> VDA-compliant Class A.

<sup>2)</sup> VDA-compliant Class B.

■ Nitrilotriacetate-free (NTA-free).

▲ Easily separable in oil separator systems (ASF).

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size		PU	Order No./Quantity	Price
Coin-operated wash products										
	<b>Rim Cleaner, alkaline CP 901</b> Special rim cleaner for coated light metal and steel rims (excludes uncoated, high-gloss special rims). Gentle action, effectively removes even the most stubborn contamination, e.g. baked-on brake dust, tyre wear and winter salt deposits. Overdosage can easily be avoided thanks to the colour of the cleaning agent. <sup>2)</sup>	Pressure washers		10–20%	alkaline pH: 13.5	20 l	■	1	6.295-676.0	
		Spray units		10%						
		Self-service washing stations		10–20%						
	<b>Intensive Dirt Remover CP 930</b> Active pre-spray agent, effortlessly removes the most stubborn grease and oil stains. It easily accelerates the softening and removal of insect residues.	Pressure washers		0.5–2%	alkaline pH: 13	20 l	■ ▲	1	6.295-515.0	
		Spray units		0.5–2%		200 l	■ ▲	1	6.295-516.0	
		Self-service washing stations		0.5–2%						
	<b>High-Pressure Wash CP 935</b> Highly effective cleaning concentrate with an apple scent for vehicle washes. Removes the most stubborn soiling such as dusts, oil, lubricants, insect residues, tree resin and mud.	Pressure washers		0.3–2%	alkaline pH: 12.2	20 l	■ ▲	1	6.295-517.0	
		Self-service washing stations		0.3–2%		200 l	■ ▲	1	6.295-518.0	
		Spray units		0.3–2%						
	<b>Active Foam CP 940</b> Slightly alkaline cleaning shampoo, produces a stable foam in clean park systems and in self-service washing stations. Active Foam CP 940 is gentle on the surfaces and can be easily rinsed away. It has a pleasant fresh lemon scent. <sup>2)</sup>	Pressure washers		1.3–2%	alkaline pH: 11.4	20 l	■ ▲	1	6.295-519.0	
		Vehicle washing plant		1.3–2%		200 l	■ ▲	1	6.295-520.0	
		Self-service washing stations		0.2%						
		High-pressure cleaner with foam nozzle		1.3–2%						
	<b>Thermo Wax CP 945</b> This thermo-wax concentrate produces a water-repellent, durable coating with a high-gloss effect. With a high natural carnauba wax content. <sup>1)</sup>	Pressure washers		0.2–0.4%	slightly acidic pH: 4.5	20 l	■	1	6.295-521.0	
		Self-service washing stations		0.2–0.4%		200 l	■	1	6.295-522.0	
	<b>Top Care CP 950</b> Liquid spray wax for conservation and shiny finish care. Insensitive to water hardness, it generates a stable high-lustre film, allows water to be removed from large surfaces and dries without leaving streaks or spots. <sup>1)</sup>	Self-service washing stations		0.02–0.05%	slightly acidic pH: 3.5	20 l	■	1	6.295-523.0	
		Pressure washers		0.02–0.05%		200 l	■	1	6.295-524.0	

<sup>1)</sup> VDA-compliant Class A.<sup>2)</sup> VDA-compliant Class B.

■ Nitritotriacetate-free (NTA-free).

▲ Easily separable in oil separator systems (ASF).

# BRINGING OUT THE BEST

Kärcher provides suitable treatment chemicals for trouble-free operation and excellent treatment results. Our products have been tried and tested over a number of years and are perfectly adapted to suit specific applications and systems.



Product description		Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
<b>Water treatment</b>									
	<b>WaterPro Separating Agent, powder RM 846</b>	Water treatment systems		0.1%	slightly alkaline pH: 8.7	20 kg	■	1	6.295-164.0
	Reagent for the treatment of washing water containing mineral oil. Forms large, stable flakes that can be easily filtered away.								
	<b>WaterPro Flocculating Agent RM 847</b>	Water treatment systems	1+9	0.07%	neutral pH: 5.3	1 l	■	2	6.295-630.0
	For the effective treatment of contaminated water from car and engine washes. Forms large and easily filtered flakes.								
	<b>WaterPro Disinfectant, odour removing RM 851</b>	Water treatment systems		0.002%	slightly acidic pH: 3	20 l	■	1	6.295-450.0
	Reliably deactivates odour-causing bacteria and thus prevents unpleasant smells and formation of slime in the washing water circuit.								
	<b>WaterPro Active Chlorine RM 852</b>	Water treatment systems Drinking water treatment systems		0.002% 0.0003%	alkaline pH: 13.1	20 l	■	1	6.295-451.0
	Combats the decomposition process, unpleasant odours and slime formation in the washing water circuit. Prevents recontamination of treated drinking water. Use biocides safely. Always read the label and product information before use.								
	<b>WaterPro Hardness Stabiliser RM 5000</b>	Drinking water treatment systems		According to untreated water composition	slightly acidic pH: 4.5	1 l	■	1	6.295-229.0
	Prevents scaling on membranes for drinking water treatment and acts as a dispersing agent.								
	<b>WaterPro Flocculating Agent RM 5001</b>	Drinking water treatment systems		According to untreated water composition	acidic pH: 0	10 l	■	1	6.295-168.0
	Highly effective product for cleaning fresh water containing suspended matter in drinking water preparation.								




■ Nitrilotriacetate-free (NTA-free).



## OUR MOST POWERFUL

Special regulations and requirements apply to professional tank and container cleaning. With the new Kärcher TankPro series, which is perfectly adapted to the machine technology, we offer a perfect solution for all cleaning requirements. Nothing is too much for us – with these TankPro products, we offer our customers a solution that is perfectly tailored to suit their individual requirements. All products are high concentrates and therefore particularly economical and efficient. We are fully aware of our responsibility towards people, machines and the environment and do not use any content materials that are harmful to the environment and to health, while maintaining the highest quality.








	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	PU	Order No./ Quantity	Price
Cleaning									
	<b>TankPro Cleaner, acidic RM 870</b> TankPro Cleaner, acidic RM 870 for interior and exterior cleaning of tanks, silos and containers. Also gently removes heavy lime deposits, building material and food residues.	Tank and silo cleaning Tank and silo cleaning	1+3 1+10	0.5–3% 0.5–3%	acidic pH: 0	20 l 200 l 1000 l	■ ■ ■	1 1 1	6.295-916.0 6.295-917.0 6.295-918.0
		<b>NEW</b>							
	<b>TankPro Cleaner, alkaline RM 875</b> TankPro Cleaner, alkaline RM 875 for thorough cleaning of heavy oil and grease contamination in, e.g. tanks, silos or containers. Foam-reduced, powerful and gentle cleaning action.	Tank and silo cleaning Tank and silo cleaning	1+4 1+10	0.5–3% 0.5–3%	alkaline pH: 13.2	20 l 200 l 1000 l	■ ■ ■	1 1 1	6.295-919.0 6.295-920.0 6.295-921.0
		<b>NEW</b>							
	<b>TankPro Cleaner, Polymer RM 880</b> TankPro Cleaner, Polymer RM 880 for tank interior cleaning. This alkaline, foam-reduced and gentle cleaning concentrate is ideal for dirt such as flour, latex or rubber.	Tank and silo cleaning Tank and silo cleaning	1+4 1+10	0.5–5% 0.5–5%	alkaline pH: 14	20 l 200 l 1000 l	■ ■ ■	1 1 1	6.295-922.0 6.295-923.0 6.295-924.0
		<b>NEW</b>							

■ Nitrilotriacetate-free (NTA-free).

## SAFE AND EFFICIENT

In industrial production, millions of parts have to be cleaned each day in preparation for coatings or for assembly. The demands of cleaning performance, surface protection and being free of residues are extremely high in this sector. Because of this, Kärcher has developed specific, highly effective cleaning agents which achieve impressive results when used with conventional parts cleaners as well as Kärcher Bio parts cleaners. As a result, Kärcher Bio parts cleaners PC Bio 10 and PC Bio 20 received the “Automechanika Award”. All Kärcher parts cleaning agents are NTA and solvent-free (VOC-free).



	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	Contents	Order No./ Quantity	Price
    	<b>PartsPro Parts Cleaner PC Bio 10</b> Biologically active cleaning agent, water-based, pH-neutral, skin-friendly and solvent-free. Particularly suitable for workshops and service companies that want to remove oil, grease and soot contamination from parts.	Bio parts cleaners		undiluted	neutral pH: 7	20 l	■ 1	6.295-260.0	
	<b>PartsPro Parts Cleaner PC Bio 20</b> Biologically active cleaning agent, water-based, pH-neutral, skin-friendly and solvent-free. Ideal for cleaning sensitive metals, e.g. aluminium, silver, titanium, etc. to remove oil, grease and other dirt.	Bio parts cleaners		undiluted	slightly alkaline pH: 8.8	20 l	■ 1	6.295-261.0	
	<b>PartsPro Microbe Suspension</b> Reactivates the biological breakdown process in biological parts cleaners. Increases microbe activity in parts cleaners that have been standing for some time and in cases where the cleaning agent is particularly dirty.	Bio parts cleaners		undiluted	neutral pH: 6	250 ml	■ 24	6.295-262.0	
	<b>PartsPro Parts Cleaner RM 39</b> Gentle cleaning and degreasing agent effectively removes oil, grease and soot stains from metal parts and provides temporary corrosion protection.	High-pressure cleaners Parts cleaners		2-5 % 1-5 %	slightly alkaline pH: 10.5	20 l 200 l	■ 1 ■ 1	6.295-165.0 6.295-424.0	
	<b>PartsPro Parts Cleaner Extra, powder RM 63</b> Removes even the most stubborn stains such as oils, greases, drawing lubricants, soot, etc. For cleaning parts that are not sensitive to alkali, such as engines, gearboxes, small hardware, castings, etc.	Parts cleaners		5 %	alkaline pH: 13.2	20 kg	■ ▲ 1	6.295-255.0	

■ Nitrilotriacetate-free (NTA-free).

▲ Easily separable in oil separator systems (ASF).

	Product description	Application	Primary mixture	Dosage	Properties	Packaging size	Contents	Order No./ Quantity	Price
Hand cleaning	<b>Hand Cleaning Paste RM 200</b> Rich, gentle hand cleanser based on wood flour. For stubborn oil, grease, pigment and paint stains.	Manual		undiluted	neutral pH: 6.4	10 l	■	1	6.291-030.0
						800 ml	■	12	6.295-631.0



■ Nitrilotriacetate-free (NTA-free).

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# OUR PICTOGRAMS



**2800 bar**  
Indicates the maximum working pressure of a machine, here: 2800 bar.



**Diesel**  
Machine that is powered by diesel fuel.



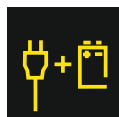
**Noise level**  
Noise values for machines. Noise level indication in dB(A).



**Absorbs odours**  
Indicates cleaning agents that reduce unpleasant odourants.



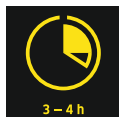
**DOSE**  
Scrubber driers with a patented detergent dosing unit.



**Mains and battery operation**  
Can be powered from the mains or with batteries.



**Attachment for green care**



**Average application time**  
Recommended maximum duration of use in hours per day.



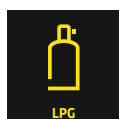
**Lithium-ion batteries**  
Machine equipped with rechargeable lithium-ion batteries.



**Attachment for sweeping**



**EASY!Force**  
HD trigger gun with zero holding force for effortless operation.



**LPG engine**  
Machine powered by liquid gas (LPG).



**Attachment for wet cleaning**



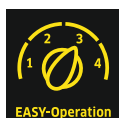
**EASY!Lock**  
Robust, long-life quick-release fastener: 5 times faster than screw connections.



**Puncture-proof wheels**  
Guarantees a permanently high degree of mobility, even on uneven ground.



**Attachment for winter service**



**EASY Operation**  
Scrubber drier with single button control.



**Low foam**  
Low-foam cleaning agent.



**ANTI!Twist**  
Hose with freely rotating connections.



**eco!efficiency**  
Particularly efficient machines that save energy, cleaning agents, water and time.



**Servo Control**  
Regulation of pressure and water volume on the trigger gun.



**Auto Shutdown**  
Automatic switch off of motor and pump when the trigger gun is closed.



**Electric**  
Indicates electrically powered machines.



**StVZO (approved for use on German roads)**  
Machines that have been approved for road use.



**Battery drive**  
Machine is powered with rechargeable batteries.



**Energy efficiency IE2**  
Machines are equipped with highly efficient motors.



**Full ceramic valve**  
High-tech ceramic for a service life up to five times longer.



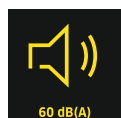
**Petrol**  
Machine that is powered by petrol.



**E-Start**  
Machine with electro start.



**Weed Control**  
Chemical-free weed removal with our weed lances and hot water high-pressure cleaners.



**Very quiet**  
Indicates the sound pressure level, e.g. 60 dB(A).



**Explosion-proof**  
Machine is explosion-proof.



**Zone 22**  
Machines with zone 22 certification.



**Lead batteries**  
Batteries which contain lead.



**Ex-approved**  
Machine with certified explosion protection.



**Biodiesel**  
Machine that is suitable for operation with biodiesel.



**Fact**  
Scrubber drier with an application-optimised cleaning programme.

◀

OUR PICTOGRAMS

➤

ALL GOOD AND LOTS OF NEW PRODUCTS



New products first

Innovation is one of our strengths. And because you are surely very interested in anything that can make your work easier, we present you with our latest products right at the start of a chapter. This allows you to immediately see what is new at a glance.

How to read the unit names:				
Model	Container capacity Working width	Turbines	Type and equipment	Configuration options
Example: T Example: CV Example: EB	15 38 30	1 2 1	eco/efficiency  Adv	Li-Ion
<b>T</b> = Dry vacuum cleaners <b>BV</b> = Backpack Vacuum <b>EB</b> = Electric Broom, battery-powered electric broom <b>CV</b> = Carpet Vacuum, upright brush-type vacuum cleaner	In unit names with a combination of numbers, for dry vacuum cleaners the first number stands for the container capacity (in litres).  For EB and CV machines, the first number stands for the working width of the roller brush (in centimetres).	In unit names with a combination of numbers, the second number stands for the number of turbines.	Without designation= Standard equipment <b>Classic</b> = Basic equipment <b>Adv</b> = Advanced, with additional equipment  <b>RS</b> = Ride-on/Step-on machines <b>eco/efficiency</b> = Machine with eco/efficiency function	<b>Bp</b> = Battery-powered <b>Pack</b> = Package (battery and battery charger included in delivery) <b>Li-Ion</b> = Lithium-ion battery

Our product names say it all

Do you sometimes find it hard to understand what a product name is supposed to mean? Not with us. We have developed a stringent and clear system for naming our products. Using our vacuum cleaners as an example, here you can see what the abbreviations and numbers represent. We call it “talking product names”, because they simply tell you the most important machine features. You can now find this overview before each chapter.



Even stronger together

In our current catalogue, our cleaning agents are no longer found at the back of each chapter, but rather together in a separate chapter. This allows you to get a complete overview of all our cleaning agents and more easily compare, search and match them to meet your individual requirements. And a dedicated chapter also underlines the great importance that our cleaning agents have for your success.

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