

# KÄRCHER

makes a difference



## FOR EDUCATION, SPORT AND ADMINISTRATION

PROFESSIONAL | PUBLIC SERVICES | EDUCATIONAL FACILITIES







## Good prospects for success

Education is the most important raw material for the future. The quality of education and training increasingly determines the competitiveness and general prosperity of states and each individual. Consequently, substantial sums of money are invested in educational facilities and their operation. In order to protect these investments and a positive learning environment, these facilities require continuous maintenance using professional cleaning technology. The Kärcher system offers convincing solutions for any cleaning task in public educational facilities: perfectly matched machines, accessories and cleaning agents. They are high performance, efficient and cost-effective thanks to innovative technology, low consumption and high durability.





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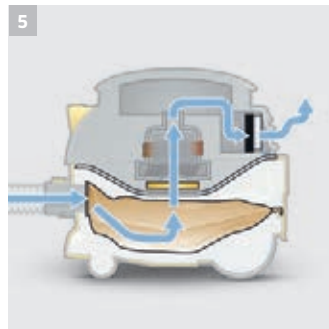
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## Cleaning with sustainability

The name Kärcher is synonymous with high performance, quality and innovation worldwide. In addition to cleaning competence which sets standards far beyond the removal of dirt. To meet general hygiene requirements, disinfecting cleaning agents can be used and many Kärcher cleaning machines can be fitted with hygiene filters. Specially equipped and certified cleaning machines are available for the implementation of HACCP concepts and maintenance of even the most demanding hygiene levels.







#### 1 Always the best cleaning agent

For over 30 years, Kärcher has developed its own highly efficient and eco-friendly cleaning agents and chemicals for specific cleaning tasks. Kärcher has been a supplier of high-quality systems for years and now ranks as a world leading manufacturer of cleaning machines, cleaning agents and chemicals. Kärcher has a wealth of expertise and technologies that set standards and offer tailor-made solutions from one source.

#### 2 eco|efficiency – achieve more with efficiency

Efficiency comes in different dimensions: Reduced energy consumption. High-performance internal-combustion engines. Lower cleaning agent consumption. Highly concentrated cleaning agents to avoid packaging. Designed for recycling or minimisation of components. Effects which can only be achieved through new ideas and innovative technologies and which, above all, require the will and ability to actually carry them out. Kärcher offers a comprehensive range of machines featuring the eco|efficiency mode as well as cleaning agents for effective, efficient and eco-friendly cleaning.

#### 3 A fine idea: the microfiber roller

The use of microfibres marks a quantum leap in the cleaning of hard surfaces. This Kärcher invention makes use of the benefits of the high friction microfibres in professional cleaning for the first time, which means it has tremendous bonding capacity for dirt, grease and water combined with robustness and problem-free cleaning.

#### 4 Safety is a key function

The KIK system of the B 40 C/W, B 60 W und B 80 W offers much greater protection against operating errors. Operators cannot change the basic machine settings, which are preset or enabled by the supervisor for the cleaning job or facility concerned. The operator only needs to insert the key. The machine can only be started with the associated coded key and is thus protected against unauthorised use.

#### 5 6-stage filtration system including HEPA

The 6-stage filtration system with 3-ply fleece filter bag, permanent main filter, motor filter and blower/HEPA filter ensures optimal dust separation with an efficiency of up to 99.997% in HEPA quality.

#### 6 An outstanding combination of form and function

Kärcher machines have repeatedly won awards for the successful combination of form and function, such as the "red dot design award" and the "iF Product Design Award". And they are SGS approved for use in hygiene-sensitive areas.

# The talent of achieving a lot with a little

Achieving as much as possible with as little effort as possible is part of human nature. It is simply a matter of striving for greater efficiency. The Kärcher Professional machines in anthracite demonstrate how much efficiency is possible in cleaning technology today. The attractive machine colour is a symbol for a generation of cleaning machines with special talents. For cleanliness on public surfaces, hallways and rooms in just one run. For easy transport – even on stairs. And for surfaces that can be used immediately after cleaning.



## **Vacuum cleaners**

Quiet, powerful and economical. Dry or wet.



## **Scrubber driers**

The best in their class on hard surfaces.



## **Spray extraction machines**

For stain removal and deep cleaning of textile surfaces.



### 1 Carpets quickly cleaned

When there is not enough time for drying or basic cleaning of carpets: the Kärcher system, consisting of CV upright vacuum and BRC carpet cleaner with iCapsol RM 768 detergent, for gentle deep cleaning with fast drying.



### 2 Ideal for entrances

Effective on road dirt, easy handling, fast drying, reduced water consumption. The Kärcher B 60 W family with Intelligent Key system and the EASY Operation advanced operating concept offers an unprecedented level of safety and protection for the operator, the machine and the work area. For optimal use of energy, the contact pressure of the brush head can easily be set to five different modes to suit individual requirements.



### 3 Quiet is clever

With only 59 dB (A), the T 15/1 is the quietest vacuum cleaner in its class and is ideal for noise-sensitive areas. The T 15/1 is also very efficient and cleans thoroughly and deeply.



### press&ex RM 760 ASF

For deep cleaning of textile surfaces and upholstery with spray extraction machines.



# Space for clear thoughts

A positive learning environment is important for teachers, as well as students. Because new ideas don't grow on dust or road dirt. And talents develop better in a pleasant atmosphere. To ensure classrooms, offices, lecture theatres and other heavily frequented rooms are always clean and maintained, professional cleaners choose cleaning solutions from Kärcher, the world's market leader. Everything from a small machine to a tailored system solution, all from a single source, with professional advice, training and service.



**Compact scrubber driers**  
Very big on small surfaces.



**Polishing machines**  
Compact and manoeuvrable.  
With battery or cable.



**Vacuum cleaners**  
Wet or dry. For large areas or  
spot cleaning.



**Electric brushes and sweepers  
with battery operation**  
Useful and always at the ready.





#### 1 Without cables. Flexible. Fast

Thanks to battery operation, the powerful BV 5/1 backpack vacuum allows cable-free, unrestricted use in confined spaces – with shoulder strap and lumbar support.

#### 2 Powerful. Enduring. Versatile

The BD 50/40 RS enables a high sqm performance in a short time with a uniform cleaning result. One battery charge is sufficient for up to 2,500 sqm of surface with normal dirt levels. With a maximum width of 705 mm, the slim BD 50/40 RS fits even through narrow corridors.



#### 3 The quick machines for occasional use

The cable-free EB 30/1 Li-Ion is a particularly quiet electric broom for quick interim cleaning. With Li-Ion technology and extra long battery operating time: 60 minutes on carpet and up to 80 minutes on hard surfaces. Includes quick charger BC 1/1.8 and replacement battery for uninterrupted use.

#### 4 Central. Optimal

The BDS 43/180 C Adv single disc machine with optional tank mounted above the engine housing is impressive in daily use: with the centre of gravity located near the centre of the machine, this results in increased contact pressure and reduced guiding forces. The tank with filling level display can be accessed directly, can be removed in seconds with the handle and filled at the tap. Two robust, oval aluminium bars and the wide, ergonomic handle ensure optimal application of force, perfect balance and effortless operation.

## Task: hygiene, solution: efficient

Hygiene is something you have, not something you talk about. Facilities such as sports halls, changing rooms and swimming pools encompass a vast array of critical areas with different levels of hygiene demands. Wet areas, joints and large surfaces. Impressive cleaning solutions are required for every task: with fast work progress, high cleaning performance and low consumption. Thanks to professional tank volumes and economical use of water and cleaning agents, the machines can be used for longer before they need to be refilled.



**High-pressure cleaner with cold and hot water operation**  
The global standard.



**Emission-free hot water high-pressure cleaner**  
Top performance for enclosed rooms.



**Scrubber driers**  
For perfectly cleaned floors.





### 1 Advanced foam systems

Kärcher has developed special foam systems for economical cleaning and disinfection. Easy foam set: the standard solution for producing foam. Can be used with all Kärcher HD and HDS units. Inno foam set: double spray lance with foam nozzle and changeover to high-pressure for producing very adherent cleaning and disinfection foams.

### 2 When the head decides

The BDP 51/180 C Adv and spray cleaner are a time-saving solution for removing marks and films. Particularly on large surfaces, the ergonomically perfect and user-friendly, 2-shaft machine type enables fatigueless operation.

### 3 Full steam ahead

Time is money – particularly in commercial cleaning. The SG 4/4 features an ingenious filling system and convenience, making it especially efficient. The SG 4/4 removes limescale and films of dirt especially quickly and effectively.

### 4 Swimming pools: uncompromising hygiene

A prerequisite for hygiene is regular, thorough cleaning. With rotating rollers, the B 40 C/W, B 60 W and B 80 W scrubber driers achieve the desired deep cleaning on tiled flooring.



#### Inno Foam Kit

Double spray lance with foam nozzle and changeover to high-pressure for producing very adherent cleaning and disinfection foams.

# Top marks for hygiene

With the exception of medicine, professional hygiene is surely more important in the food branch than anywhere else. The implementation of effective HACCP concepts for large kitchens and canteens places great demands on cleaning. And this is equally true for neighbouring rooms, such as laboratories, workshops and training workshops, in order to prevent the transfer of germs. The Kärcher system offers reliable and efficient solutions for every requirement. Many Kärcher cleaning machines can be fitted with hygiene filters or food-use approved running wheels.



## Wet and dry vacuum cleaners

Universal, versatile and user-friendly.



## Scrubber driers

Make floors thoroughly clean.



## High-pressure cleaners

Specifically for use in the food industry.





#### 1 Critical: hygiene on carpeting

The CV 60/2 RS step-on vacuum cleaner is very versatile and fits into every elevator. Used in conjunction with iCapsol RM 768, the CV 60/2 is the perfect solution for gentle deep cleaning with fast drying in multi-storey buildings.

#### 2 The specialist for food

The HD 7/10 CXF is an unheated high-pressure cleaner, specifically developed for general-purpose commercial use in sanitary and food areas. This compact machine features infinitely variable regulation of pressure and water amounts, the perfect preconditions for meeting strict hygiene requirements.



#### 3 All-rounder, quick and efficient

The BRS 40/1000 C is a universal scrubber for basic and maintenance cleaning of hard surfaces as well as for stripping, crystallising, shampooing and polishing. Thanks to contra-rotating rollers, the machine runs straight without wandering and is easy to manoeuvre. With a clearance height of just 13.5 cm, the BRS 40/1000 C is the flattest machine in its class.

#### 4 Constant suction power

The NT 55/2 Tact<sup>2</sup> Me I is ever popular as a specialist system and all-rounder thanks to its high level of mobility and excellent performance, solid construction and a wide range of practical design features. The set-down container makes the disposal of liquids and coarse dirt easy.

# High performance in all areas

Outdoor areas must not only give a good impression. All-round maintenance of the infrastructure is indispensable for ensuring that daily routines can be carried out smoothly and safely. Roads and paths, multi-storey car parks and green areas are the domains of the powerful and versatile sweepers from Kärcher: sweep, dry or wet. Mow grass. Collect leaves. As well as complete winter service. For innumerable other cleaning tasks, Kärcher high-pressure cleaners perform other invaluable services: from vehicle care to floor cleaning and the removal of graffiti.



## Compact walk-behind sweepers

Complete sweeping tasks in a fraction of the usual time and are considerably more cost effective than a normal broom.



## Ride-on vacuum sweepers

Are the solution for sweeping large areas - car parks and driveways.



## Ride-on scrubber drier

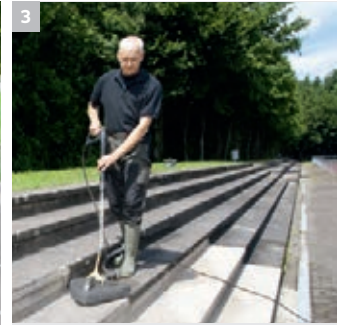
For demanding cleaning jobs and long periods of use. The first choice for underground car parks and multi-storey car parks as well as loading zones.



## High-pressure cleaners

Are indispensable in many areas, including façade cleaning and floor cleaning.





#### 1 Right on track

Multi-storey car parks often place high demands on scrubber driers: large areas, coarse and stubborn dirt and steep ramps. The Kärcher B 150 R is the right machine for this job: with robust steel frame for heavy-duty use on areas with inclines up to 15%. With large water tank and powerful battery for long periods of uninterrupted use.

#### 2 Could it get any easier?

The compact and extremely manoeuvrable KM 75/40 W thoroughly cleans small to medium-sized areas effortlessly. The traction drive replaces physical strength, while the powerful vacuum picks up dust without any turbulence. Available with a choice of powerful petrol engine or whisper-quiet, battery-powered version for indoor use – with optional antistatic carpet sweeping kit.

#### 3 Innovative surface cleaning

The FRV 30 surface cleaner cleans surfaces quickly without splashing and automatically vacuums the dirty water. This obviates the need to rinse surfaces after cleaning.

#### 4 Performance across the whole spectrum

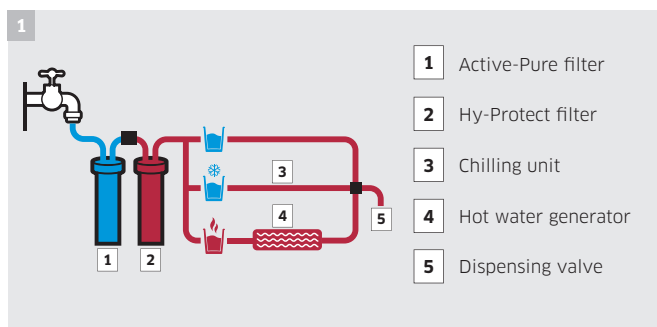
The MC 130 is a sweeper that makes a big impression. The two-seater cab has plenty of space for driver and passenger. The larger sweeping width and dirt collection container make this machine ideal for numerous sweeping tasks. The MC 130 can be individually adjusted depending on the type of dirt, volume and working environment – for example by single brush control. The electronic control unit regulates what you control via joysticks and displays important information.

#### 5 For year-round use

The MIC 34 C rounds off the Kärcher range of municipal implement carriers. The quick changeover system enables attachments to be changed quickly without tools. The 34 HP turbo diesel engine has power reserves at the ready.

# WPD 100 water dispenser – delivering water in a class of its own

The Kärcher WPD 100 turns normal tap water into healthy drinking water. Plumbed in, it offers a constant supply of water of the highest quality due to its unique filter and hygiene concept. Chilled or hot, non-carbonated or carbonated at the push of a button. Hygienic, calorie-free, neutral tasting and pure. This is achieved by automatic thermal disinfection, a water dispensing valve with contact protection and innovative filter concept consisting of Active-Pure filter und Hy-Protect filter.



## **1 Patented hygiene system**

Integrated thermal disinfection is a patented Kärcher system: all water-carrying lines, heating and cooling modules, the Hy-Protect filter as well as the water dispensing valve are disinfected at intervals using hot water. Compared to conventional systems, this method reduces service costs and protects the environment. Four different cleaning options are available. The Active-Pure filter, a sintered activated carbon block, ensures a pure taste by removing chlorine, heavy metals and other residues from the line. The Hy-Protect filter delivers perfectly clean water by means of ultra-filtration. Its extremely fine-pored membrane effectively removes bacteria and viruses whilst ensuring the water loses none of its natural minerals. The Hy-Pure filter is a combination of the Active-Pure and the Hy-Protect filters. The UV Protect lamp uses ultra violet light to destroy bacteria and viruses.

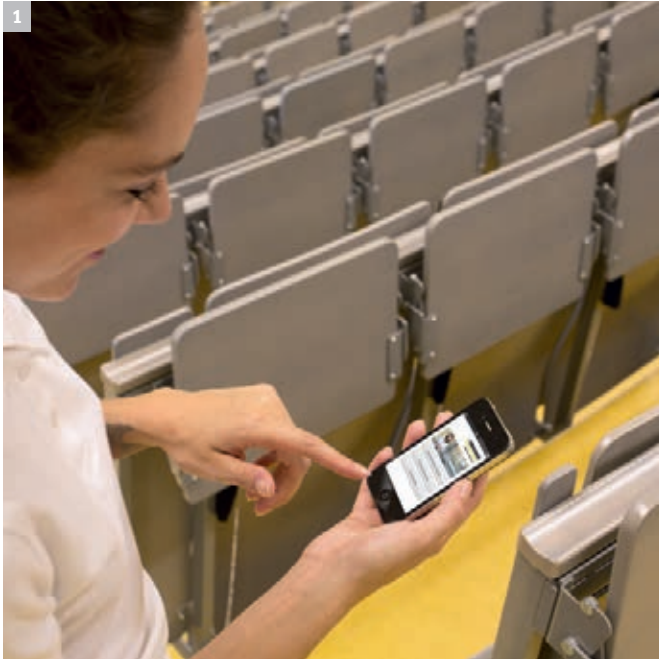
## **2 Certified quality “Made in Germany”**

The renowned SGS Institut Fresenius tested all of the components in the Kärcher WPD that come into contact with water for their suitability for use with food products, confirming that the WPD consistently delivers water of the highest quality.



# Programmed to succeed: ECO!Manager

Kärcher ECO!Manager software optimises all documentation and information processes in facility management: recording, management and control of facilities, rooms, equipment and services. Continuously, any time and anywhere. The application spectrum of ECO!Manager extends from facilities manager activities and facilities management, complaints processing, planning and documentation of working hours and activities, complete machine management and documentation of technical maintenance services.



## 1 The complete project in your hands

The Public Services module for the Kärcher ECO!Manager offers advanced project tools for public services: Planning, overview and evaluation over all phases of a wide variety of tasks. The innovative software is compatible with standard interfaces, e.g. payroll accounting software. The ECO!Manager Public Services can automatically send orders to the responsible authority, such as the release to the construction yard after order confirmation. The high performance, seamless compatibility and problem-free individualisation of the Kärcher ECO!Manager offer practically unlimited possibilities for the control and optimisation of processes, as well as for increasing efficiency.



## 2 Easy documentation by scanning

For complex tasks and activities in the service sector, modern organisation is a decisive success factor. Individual bar codes on doors, facilities or equipment enable fast and clear documentation of attendance times and activities by scanning. Regularly recurring cleaning tasks or disinfection as well as additional activities. ECO!Manager enables reliable and requirement-oriented acquisition, storage and processing of all relevant data in diverse areas: contract cleaning, security, property management, caretaking, machine management and technical services. ECO!Manager gives managers a full overview of planned, current and completed activities and utilised resources, any time and anywhere.





## 3 Immediately record and react

Barcodes enable the recording of damage and appropriate measures to be taken on site. Instructions for subsequent cleaning, repairs or replacement can be issued immediately. This reduces reaction times and makes an important contribution towards the prevention of nosocomial infections.

# Find what you need at a glance.

Cleaning tasks		Vacuums and carpet cleaners	High-pressure cleaners	Scrubbers and scrubber driers
Use				
Public areas, corridors		Puzzi 8/1 C, Puzzi 10/1, Puzzi 10/2 Adv, Puzzi 30/4, Puzzi 30/4 E, SG 4/4, SGV 6/5, SGV 8/5, AB 20, T 10/1 Adv, T 12/1 Adv /eco!efficiency, T 15/1, CV 38/2, CV 48/2, CV 60/2 RS Bp Pack, NT 27/1, NT 48/1, NT 70/2 Adv, NT 70/3  <b>Cleaning agents:</b> RM 760/Tabs, RM 764, RM 768 iCapsol	HD 9/20-4 M HD compact class HD portable class HDS 7/16 C HDS 9/18-4 M HDS 5/11 U  <b>Cleaning agents:</b> RM 750	BD 40/12 C Bp Pack, BR/BD 40/25 C, B 40 C/W, BD 50/40 RS, BR 55/40 RS, B 60 W, BD 50/50, B 150 R, B 95 RS, B 90 R, BD 50/40, BR 55/40  <b>Cleaning agents:</b> RM 780, RM 755 ES, RM 754, RM 752, RM 69, RM 750
Offices, auditoria, classrooms		Puzzi 8/1 C, Puzzi 10/1, Puzzi 10/2 Adv, Puzzi 30/4, Puzzi 30/4 E, SG 4/4, SGV 6/5, SGV 8/5, EB 30/1 Li-Ion, AB 20, BV 5/1, T 10/1, T 10/1 Adv, T 12/1 Adv /eco!efficiency, T 15/1, CV 30/1, NT 35/1 Ap, NT 65/2 Ap  <b>Cleaning agents:</b> RM 760/Tabs, RM 764, RM 768 iCapsol		BR 30/4 C, BR 40/10 C Adv, BD 40/12 C Bp Pack, BD 50/40 RS, BR/BD 40/25 C, B 40 C/W, BR 35/12, BD 38/12 C, BD 50/50  <b>Cleaning agents:</b> RM 780, RM 755 ES, RM 754, RM 752, RM 69, RM 730, RM 753
Sports halls, indoor swimming pools		T 10/1 Adv T 12/1 Adv T 15/1 NT 48/1 NT 70/2 Adv NT 70/3 NT 65/2 Ap SG 4/4 SGV 6/5 SGV 8/5	HD 6/16-4 M HD 1050 B HDS 8/18-4 C HDS-E 8/16-4 M  <b>Cleaning agents:</b> RM 58, RM 59, RM 25, RM 750, RM 732, RM 735	BR 40/10 C Adv, BRS 40/1000 C, B 40 C/W, B 60 C/W, B 80 W, B 60/10 C, BD 50/50, B 150 R, B 90 R, B 120 W, BD 50/40, BR 55/40, B 95 RS  <b>Cleaning agents:</b> RM 69, RM 755 ES, RM 780, RM 754, RM 753, RM 750
Large kitchens, canteens, workshops, laboratories		T 10/1 Adv T 12/1 Adv /eco!efficiency T 15/1 CV 38/2, CV 48/2 CV 60/2 RS Bp Pack NT 27/1 NT 48/1 NT 70/2 NT 35/1 Ap, NT 35/1 Tact NT 55/2 Tact? Me I SG 4/4, SGV 6/5, SGV 8/5	HD 5/15 C Plus HD 6/16-4 M HD 7/10 CXF HD 10/15-4 Cage Food HD 9/18-4 ST  <b>Cleaning agents:</b> RM 58, RM 59, RM 31, RM 731, RM 732, RM 735, RM 734, RM 750	BRS 40/1000 C BD 40/12 C Bp Pack BR 40/10 C Adv BR 40/25 C BD 40/25 C BR 35/12 BD 38/12 C BD 50/50  <b>Cleaning agents:</b> RM 69, RM 752, RM 753, RM 750
Outdoor areas, sports facilities, green areas			HD 6/15 CX Plus HD 9/20-4 M  <b>HDS Trailer:</b> HDS 13/20 HDS 17/20 HDS 13/35 HDS 9/50  <b>Cleaning agents:</b> RM 43, RM 55	
Underground car park, car park areas			HD 6/15 CX Plus HD 9/20-4 M HDS 8/18-4 C  <b>Cleaning agents:</b> RM 43, RM 55	B 150 B 250
School yards			HD 5/15 CX Plus HD 9/20-4 M  <b>Cleaning agents:</b> RM 43, RM 55	



Single-disc machines	Sweepers and vacuum sweepers	System solutions	Manual cleaning	Municipal	Water dispensers
					
BDS 43/180 C Adv BDS 51/180 C Adv BDP 50/1500 C BDP 50/2000 RS Bp Pack  <b>Cleaning agents:</b> RM 748 RM 775 RM 749	KM 35/5 C KM 75/40 W Bp Pack KM 85/50 W Bp Pack KM 90/60 R Bp Pack	FR 30 FRV 30 FR 30 Me FR 50 Me Microfibre roller  <b>Cleaning agents:</b> RM 750	<b>Cleaning agents:</b> RM 749, RM 775, CA 30 C, CA 40 R, CA 50 C  <b>CarpetPro line:</b> RM 760, RM 764, RM 767, RM 768, RM 763, RM 762, RM 769, RM 761  <b>Dosierstation:</b> DS 2, DS 3	<b>Cleaning agents:</b> RM 752 RM 782 RM 784 RM 780 RM 746 RM 754	WPD 100 WPD 200 WPD 600
BDS 43/180 C Adv BDS 51/180 C Adv BDP 50/1500 C BDP 50/2000 RS Bp Pack  <b>Cleaning agents:</b> RM 748 RM 775 RM 749	KM 35/5 C KM 75/40 W Bp Pack	Microfibre roller	<b>Cleaning agents:</b> CA 10 C, CA 10 C Extra, CA 20 C, CA 20 R, CA 30 C, CA 40 R, CA 50 C  <b>CarpetPro line:</b> RM 760, RM 764, RM 767, RM 768, RM 763, RM 762, RM 769, RM 761  <b>Dosing station:</b> DS 2, DS 3	<b>Cleaning agents:</b> RM 752 RM 782 RM 784 RM 780 RM 746 RM 754	WPD 100 WPD 200 WPD 600
BDS 43/180 C Adv BDS 51/180 C Adv BDP 50/1500 C BDP 50/2000 RS Bp Pack	KM 35/5 C KM 70/30 C Adv KM 75/40 W Bp Pack KM 85/50 W Bp Pack KM 90/60 R Bp Pack KM 100/100 R Bp/Lpg	FRV 30 FR 30 Me FR 50 Me Inno Foam Kit Cup foam lance Microfibre roller S 65 head	<b>Cleaning agents:</b> CA 10 C Extra CA 10 C CA 20 C CA 20 R CA 30 C CA 40 R CA 50 C  <b>Dosing station:</b> DS 2, DS 3	<b>Cleaning agents:</b> RM 752 RM 782 RM 784 RM 780 RM 746 RM 754	WPD 100 WPD 200 WPD 600
BDS 43/180 C Adv BDS 51/180 C Adv BDP 50/1500 C Adv BDP 50/2000 RS Bp Pack  <b>Cleaning agents:</b> RM 731 RM 753 ASF	KM 35/5 C KM 75/40 W Bp Pack KM 90/60 R Bp Pack	FRV 30 FR 30 Me Cup foam lance Inno Foam Kit Microfibre roller	<b>Cleaning agents:</b> CA 30 CA 40 RM 732 RM 735 RM 731 ASF RM 31 ASF RM 58 ASF RM 750 ASF RM 59 ASF RM 734		WPD 100 WPD 200 WPD 600
	KM 70/15 C KM 70/20 C KM 70/30 C Bp KM 75/40 W Bp/G KM 90/60 R Bp/G KM 100/100 R Bp/G/Lpg/D			MC 50 MIC 26 MIC 34 C MIC 50 MIC 84 MC 130	
	KM 70/15 C, KM 70/20 C KM 70/30 C Bp KM 75/40 W Bp/G KM 85/50 W Bp/G KM 90/60 R Bp/G KM 100/100 R Bp/G/Lpg/D KM 105/100 R KM 120/150 R Bp/G/Lpg/D KM 130/300 R Bp/D/Lpg KM 150/500 R Bp/D/Lpg KM 170/600 R		<b>Cleaning agents:</b> RM 776 RM 776 NTA-free	MC 50 MIC 26 MIC 34 C MIC 50 MC 130	
	KM 35/5 C KM 70/15 C, KM 70/20 C KM 70/30 C Bp KM 75/40 W Bp/G KM 85/50 W Bp/G KM 90/60 R Bp/G KM 100/100 R Bp/G/Lpg/D KM 105/100 R KM 120/150 R Bp/G/Lpg/D KM 130/300 R Bp/D/Lpg KM 170/600 R			IC 15/240 W MC 50 MIC 34 C MIC 50 MIC 84 MC 130 STH 5.56 W STH 8.66 W STH 10.76 W	

# Technical data at a glance

## HOT WATER HIGH-PRESSURE CLEANERS

	Power supply (phases)	Connected load (kW)	Water flow rate (l/h)	Operating pressure (bar/MPa)	Max temperature (°C)
<b>HDS middle class</b>					
HDS 9/18-4 M	3	6.4	450-900	30-180/3-18	80 / 155
<b>HDS compact class</b>					
HDS 8/18-4 C	3	6.0	300-800	30-180/3-18	80/155
HDS 7/16 C	3	4.7	270-660	30-160/3-16	80/155
<b>HDS upright class</b>					
HDS 5/11 U   UX	1	2.2	450	110/11	80
<b>HDS Trailer</b>					
HDS 17/20 De Tr1	■	-	900-1700	70-200/7-20	80/98
HDS 13/20 De Tr1	■	-	900-1300	50-200/5-20	80/98
HDS 13/35 De Tr1	■	-	650-1300	100-350/10-35	80/98
HDS 9/50 De Tr1	■	-	500-900	150-500/15-50	80/98
<b>HDS special class</b>					
HDS-E 8/16-4 M, 36 kW	3	40.5	300-760	30-160/3-16	58/85
HDS-E 8/16-4 M, 24 kW	3	28.5	300-760	30-160/3-16	45/85
HDS-E 8/16-4 M, 12 kW	3	16.5	300-760	30-160/3-16	30/85

## COLD WATER HIGH-PRESSURE CLEANERS

	Power supply (phases)	Connected load (kW)	Water flow rate (l/h)	Max. pressure (bar/MPa)	Operating pressure (bar/MPa)
<b>HD middle class</b>					
HD 9/20-4 M	3	7.0	460-900	220/22	40-200/4-20
HD 6/16-4 M	1	3.4	230-600	190/19	30-160/3-16
<b>HD compact class</b>					
HD 7/18 C   C Plus   CX Plus	3	4.7	240-700	215/21.5	20-175/2-17.5
HD 6/15 C   C Plus   CX Plus	1	3.1	230-560	190/19	30-150/3-15
HD 6/12-4 C   C Plus   CX Plus	1	2.8	300-600	160/16	20-120/2-12
HD 5/17 C   C Plus   CX Plus	1	3	500	200/20	170/17
HD 6/13 C   C Plus   CX Plus	1	2.9	560	190/19	130/13
HD 5/15 C   C Plus   CX Plus	1	2.8	500	200/20	150/15
HD 5/12 C   C Plus   CX Plus	1	2.5	500	175/17.5	120/12
<b>HD portable class</b>					
HD 5/11 P   P Plus	■	1	2.2	490	160/16 110/11
<b>HD special class</b>					
HD 10/15-4 Cage Food	3	6.4	440-990	175/17.5	20-145/2-14.5
HD 7/10 CXF	3	4.5	250-700	120/12	10-100/1-10
<b>HD with combustion engine</b>					
HD 1050 De   B	-	-	400-930	250/25	40-230/4-23
<b>Stationary cold water high-pressure cleaners, single-lance operation</b>					
HD 9/18-4 ST	3	6.4	460-900	210/21	40-180/4-18

## STEAM CLEANERS / STEAM VACUUM CLEANERS

	Voltage (V)	Heating output (W)	Tank capacity (l)	Steam pressure (bar)
<b>Steam cleaner/steam vacuum cleaner</b>				
SGV 8/5   SGV 6/5	220-240	3000	5	8/6
SG 4/4	■ 220-240	2300	4	4

## WET AND DRY VACUUM CLEANERS

	Air flow rate (l/s)	Vacuum (mbar/kPa)	Max. power rating (W)	Operating noise level (dB(A))
<b>Tact class</b>				
NT 55/2 Tact² Me I	2 × 74	254/25.4	2760	73
NT 35/1 Tact	74	254/25.4	1380	69
<b>Ap class</b>				
NT 65/2 Ap	2 × 74	254/25.4	2760	73
NT 35/1 Ap	74	254/25.4	1380	70
<b>Standard class</b>				
NT 70/3	3 × 56	208/20.8	3600	79
NT 70/2   Adv	2 × 56	208/20.8	2400	75
NT 48/1	67	200/20	1380	72
NT 27/1	67	200/20	1380	72

## DRY VACUUM CLEANERS

	Air flow rate (l/s)	Vacuum (mbar/kPa)	Nominal power input (W)	Operating noise level (dB(A))
<b>Dry vacuum cleaners</b>				
T 15/1	61	244/24.4	1150	60
T 12/1	61	244/24.4	1150	65
T 12/1 ecoefficiency	43	230/23	750	65
T 10/1   Adv	61	244/24.4	1100	62
BV 5/1	61	244/24.4	1150	64
<b>Cordless vacuum cleaners</b>				
BV 5/1 Bp	61	244/24.4   123/12.3	1150	64/58
<b>EB machines</b>				
EB 30/1 Li-Ion   Adv Li-Ion	-	-	-	56
<b>Brush vacuum cleaners for carpets</b>				
CV 60/2 RS Bp Pack	34	117/11.7	1224	68
CV 48/2   Adv	48	250/25	1050	67
CV 38/2   Adv	48	250/25	1050	67
CV 30/1	48	207/20.7	1000	67

## CARPET CLEANING MACHINES

	Max. area performance (m²/h)	Air flow rate (l/s)	Turbine/pump power (W)	Tank fresh/dirty water (l)
<b>Spray extraction machines</b>				
Puzzi 30/4   E	60-75	74	1200/70	30/15
Puzzi 10/2 Adv	30-45	54	1250/80	10/9
Puzzi 10/1	20-25	54	1250/40	10/9
Puzzi 8/1 C	12-18	61	1200/40	8/7
	Volume flow (m³/h)	Speed (rpm)	Input power (W)	Weight (kg)
<b>Air blower</b>				
AB 20	1115	1355	102	11



## SCRUBBERS / SCRUBBER DRIERS

	Working width brushes / suction (mm)	Theoretical area performance (m <sup>2</sup> /h)	Practical area performance (m <sup>2</sup> /h)	Tank fresh/ dirty water (l)
<b>Ride-on scrubber driers</b>				
B 250 R   R I	1000/1200/1160/1400	8000-9600	6000-7200	250/250
B 150 R Adv	750-900/940-1060	7500-9000	5000-6000	150/150
B 150 R	750-900/940-1060	4500-5400	3200-3800	150/150
B 90 R	550-750/850/940	3300-4500	2475-3375	90/90
<b>Step-on scrubber driers</b>				
B 95 RS	■ 650/750/940	2600-3000	1950-2250	95/95
BR 55/40 RS Bp   Pack	550/716	2350	1765	40/40
BD 50/50	■ 510/850	2040	1250	50/50
BD 50/40 RS Bp   Pack	508/691	2200	1650	40/40
<b>Walk-behind scrubber driers</b>				
B 120 W	■ 750/900/940/1160	3000-3600	3375-4050	120/120
B 80 W	650-750/850-940	2200-3000	1950-2250	80/80
B 60 C	■ 510/550/850	2040-2200	1530-1650	60/60
B 60 W Ep	510-550/850	2040-2200	1530-1650	60/60
B 60 W Bp	550-650/850-940	2200-2600	1650-1950	60/60
B 40 C   W	430-550/850	1700-2200	1275-1650	40/40
<b>Compact scrubber driers</b>				
BR/BD 40/25 C	400/770	1600	1100	25/25
BD 38/12 C	■ 380/480	1500	1050	12/12
BR 35/12 C	350/450	1400	1050	12/12
BD 40/12 C Bp Pack	385/450	1100	825	12/12
BR 40/10 C Adv	400/400	400	300	10/10
BR 30/4 C	300/300	200	130	4/4
<b>Mopvac</b>				
B 60/10 C	■ 600/600	2400	1500	10/10
<b>Scrubber</b>				
BRS 40/1000 C	400/-	450	-	10
<b>Single disc machines</b>				
BDS 51/180 C Adv	508/-	-	-	10
BDS 43/180 C Adv	430/-	-	-	10
<b>Polishing machines</b>				
BDP 50/2000 RS Bp Pack	508/530	1780	-	-
BDP 50/1500 C	508/560	900	-	-

## VACUUM SWEEPERS AND MUNICIPAL IMPLEMENT CARRIERS

	Working width (mm)	Sweeping container (l)	Max. area performance (m <sup>2</sup> /h)	Year-round use	Air conditioning
<b>Vacuum sweepers</b>					
MC 130 Adv	■ 1200-2250	1000	24000	■	■
MC 50 Adv Comfort	900-1400	500	14000	■	■
MC 50 Adv	900-1400	500	14000	■	-
<b>Light waste vacuum cleaners</b>					
IC 15/240 W Adv	100	240	-	-	-
	Total permissible weight (kg)	Weight (kg)	HP	Year-round use	Air conditioning
<b>Municipal implement carriers</b>					
MIC 84	5000	2450	84	■	□
MIC 50 Adv	2800/3200	1660	50	■	□
MIC 50	2800/3200	1650	50	■	□
MIC 34 C	1750	850	34	■	■
MIC 26 C Adv	1750	850	26	■	■
MIC 26 C	1750	750	26	■	-

## SWEEPERS / VACUUM SWEEPERS

	Working width without / with 1 / with 2 / with 3 side brushes (mm)	Waste container (l)	Max. area perfor- mance with 1 / 2 side brushes (m <sup>2</sup> /h)	Indoor use	Outdoor use
<b>Ride-on vacuum sweepers</b>					
KM 170/600 R	1350/1680/2000/2400	600	23520/28000	■	■
KM 150/500 R Bp	1200/1500/1800/2200	500	12000/14400	■	■
KM 150/500 R D	1200/1500/1800/2200	500	18000/21600	-	■
KM 150/500 R Lpg	1200/1500/1800/2200	500	18000/21600	■	■
KM 130/300 R Bp	1000/1300/1550/-	300	9100/10850	■	■
KM 130/300 R D	1000/1300/1550/-	300	13000/15500	-	■
KM 130/300 R Lpg	1000/1300/1550/-	300	13000/15500	■	■
KM 120/150 R Bp Pack 2SB	850/1200/1450/-	150	-/8700	■	■
KM 120/150 R Bp 2SB	850/1200/1450/-	150	-/8700	■	■
KM 120/150 R Bp   Pack	850/1200/-/-	150	7200/8700	■	■
KM 120/150 R G 2SB	850/1200/1450/-	150	-/11600	-	■
KM 120/150 R G	850/1200/-/-	150	9600/11600	-	■
KM 120/150 R D 2SB	850/1200/1450/-	150	-/11600	-	■
KM 120/150 R D	850/1200/-/-	150	9600/11600	-	■
KM 120/150 R Lpg 2SB	850/1200/1450/-	150	-/11600	■	■
KM 120/150 R Lpg	850/1200/-/-	150	9600/11600	■	■
KM 105/100 R Lpg	■ 640/1050/1400/-	100	7350/9800	■	■
KM 105/100 R D   G	■ 640/1050/1400/-	100	7350/9800	-	■
KM 105/100 R Bp	■ 640/1050/1400/-	100	6300/8400	■	■
KM 100/100 R Lpg	700/1000/1300/-	100	8000/10400	■	■
KM 100/100 R D   G	700/1000/1300/-	100	8000/10400	-	■
KM 100/100 R Bp	700/1000/1300/-	100	6000/7800	■	■
KM 90/60 R Bp Pack	615/900/1150/-	60	5400/6900	■	■
KM 90/60 R Bp	615/900/1150/-	60	5400/6900	■	■
KM 90/60 R G	615/900/1150/-	60	7200/9200	-	■
<b>Walk-behind sweepers/vacuum sweepers</b>					
KM 85/50 W Bp Pack   Adv	610/850/1050/-	50	3825/4725	■	■
KM 85/50 W Bp   Adv	610/850/1050/-	50	3825/4725	■	■
KM 85/50 W G   Adv	610/850/1050/-	50	3825/4725	-	■
KM 75/40 W Bp   Pack	550/750/-/-	40	3375/-	■	■
KM 75/40 W G	550/750/-/-	40	3375/-	-	■
KM 70/30 C Bp Pack   Adv	480/700/-/-	42	2800/-	■	■
KM 70/30 C Bp   Adv	480/700/-/-	42	2800/-	■	■
KM 70/20 C	480/700/-/-	42	2800/-	■	■
KM 70/20 C 2SB	480/700/920/-	42	-/3680	■	■
KM 70/15 C	480/700/-/-	42	2800/-	■	■
KM 35/5 C	350/-/-/-	5	1480/-	■	■

	Max. area performance (m <sup>2</sup> /h)	Adjustable ejection chute	Two-level auger	Electro start	Working lights
<b>Snow throwers</b>					
STH 10.76 W	2280	■	■	■	■
STH 8.66 W	1980	■	■	■	■
STH 5.56 W	1680	■	■	-	-

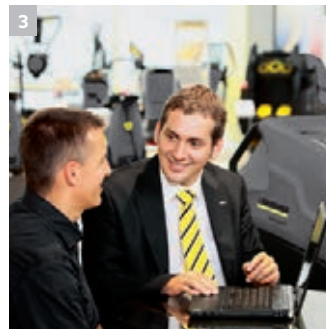
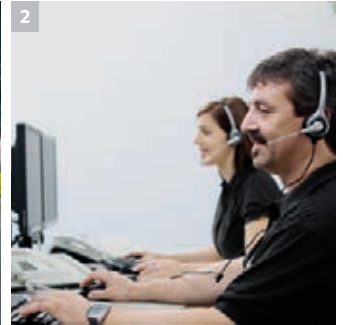
## DRINKING WATER

	Water amount ambient (l/h)	Water amount chilled (l/h)	Water amount hot (l/h)	Water amount sparkling (l/h)
<b>Water dispensers</b>				
WPD 600 Adv   Basic	■ 120	80	10   -	80
WPD 200 Adv   Basic	■ 120	40	10   -	40
WPD 100 Adv   Basic	■ 120	20	10   -	20

■ NEW ■ Included in delivery □ Optional

# Kärcher service – you can count on us.

You must be able to rely on your professional cleaning machines at all times. Day after day. Night after night. Everywhere. This is our aim. And we do our best to ensure this. Reliable cleaning machines and cleaning agents. Advanced technologies. Competent advice and training. And much more. Right to the point: Kärcher Service. A name you can trust. And a service that gives you security. That's our promise.



## We're there for you, wherever you need us.

Kärcher stands for top performance – not just in products, but also in service. As the world's largest manufacturer of cleaning machines, we are there for our customers worldwide and at more than 50,000 service and sales points. This is how we give you peace of mind. Kärcher – your reliable partner.

### 1 Planning

Kärcher also provides sound advice on specific projects and planning. We calculate exactly which resources you need and how you can configure your machines and equipment for optimal results.

### 2 Hotline\*

Friendly. Competent. Solution-oriented. Kärcher hotline staff are familiar with all products, accessories and cleaning agents and can provide sound advice and assistance by telephone.

### 3 Service contracts

Consistently high performance: with our service contracts you can be assured that your Kärcher products will operate reliably at all times, thanks to regular inspection and maintenance or an all-inclusive full service package.

### 4 Application advice

We provide application advice to ensure that you always have the most efficient solution. Area, staff and schedule are the decisive factors in determining the products that best suit your needs.





#### 5 Global presence

Kärcher guarantees you personal service. Our global service and sales network ensures that you always have a competent contact partner locally, for all enquiries regarding service, advice or sales.

#### 6 Technical training

Get the most out of your equipment: with our local technical training courses, we can show your employees how to use innovative Kärcher products to clean every type of facility optimally.

#### 7 We come to you

Our service management system saves you time and money and ensures that we are with you as quickly as possible. With regular service calls as part of the full service package, and always whenever you need us.

#### 8 Extended warranty

Guarantees a long service life. Our extended warranty or machinery breakdown insurance will give you peace of mind and ensure that your Kärcher products have optimal cover.

#### 9 Leasing

Control your cash flow and remain productive with low leasing fees instead of major investments. Including a maintenance contract if required.

#### 10 Rental machines

Stay as flexible as the market – with Kärcher rental machines you always have the equipment you really need, when you actually need it. Contact us to discuss your options.

#### 11 Kärcher Used Equipment

Machines in top condition at very attractive terms. A new machine is not always cost-effective. Refurbished Kärcher machines are a cost-effective alternative for your project planning.

## Please contact us for more information:

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