



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.



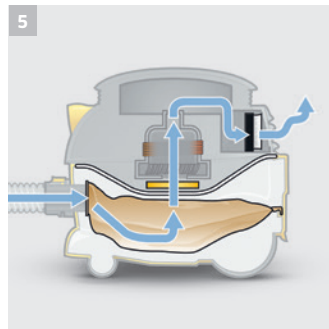
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Cleaning with sustainability.

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 ecoefficiency – 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 ecoefficiency mode as well as cleaning agents for effective, efficient and eco-friendly cleaning.

3 A fine idea: the microfibre 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". They are also TÜV approved for use in hygiene-sensitive areas with HACCP certificat

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.



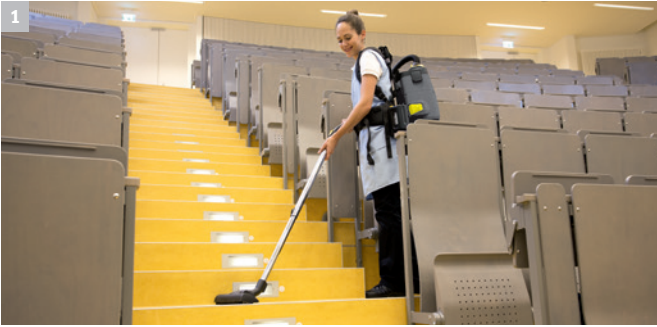
Polishing machines
Compact and manoeuvrable.
With battery or cable.



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 though 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 DE 4002 features an ingenious filling system and convenience, making it especially efficient. The DE 4002 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 Tact² 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.



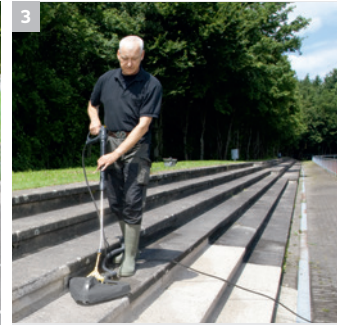
Ride-on vacuum sweepers
Are the solution for sweeping large areas - car parks and driveways.



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 BR 100/250 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

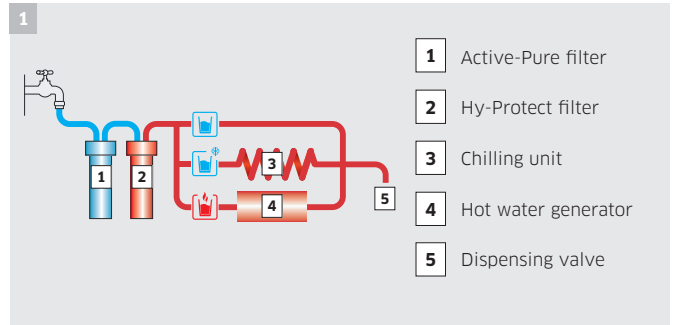
With its 34 HP Kubota diesel motor, a sweeping width of min. 1,400 mm and 500 l tank volumes, the MIC 34 C is equipped for large tasks. The optional third side brush extends the sweeping width to a total of 2,000 mm. An unbeatable combination for sweeping in corners and along kerbs.

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 and Hy-Protect filter.



2

Regularly verified by
SGS INSTITUT FRESENIUS

Water of
food-grade
quality

KÄRCHER
Water dispenser WPD 100

Verification
Hygiene requirements
DVGW-worksheet W 516

INSTITUT
DR. LÖRCHER
Ludwigsburg
Recertified in accordance with ISO 11005

TÜV SÜD
GS
Geprüfte
Sicherheit

DIN EN
ISO 9001
Certified
quality assurance
system

1991: The first in the industry
to be certified to ISO 9001

1 Complete hygiene concept

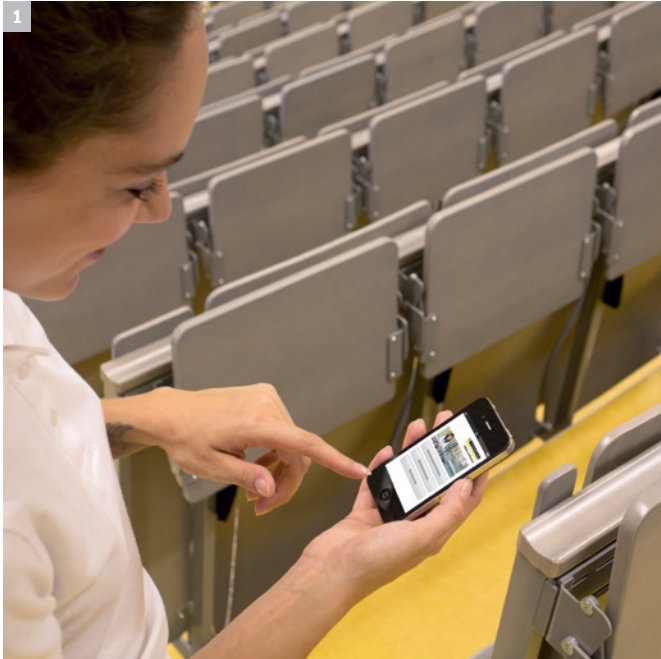
By means of integrated thermal disinfection, all water pipes, the heating and chilling unit as well as the Hy-Protect filter and water dispensing valve are regularly disinfected automatically - without the use of chemicals. The Active-Pure filter, a sintered activated carbon block filter, ensures a pure taste by removing chlorine, heavy metals and other substances. The Hy-Protect filter delivers perfectly hygienic water by means of ultra-filtration. Its fine pore membrane reliably retains bacteria and viruses. All minerals contained in the water are retained.

2 Certified quality

Best quality, proven by independent institutes: TÜV SÜD and SGS INSTITUT FRESENIUS. The hygiene requirements set out in the DVGW worksheet W 516 are met.

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.







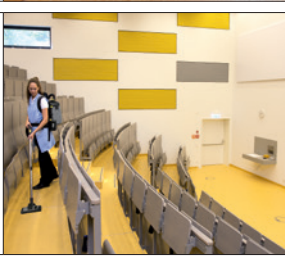





2 Easy documentation by scanning







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.

Use	Cleaning tasks	Vacuums and carpet cleaners	High-pressure cleaners	Scrubbers and scrubber driers
Public areas, corridors		 <p>Puzzi 8/1 C, Puzzi 10/1, Puzzi 10/2 Adv, Puzzi 30/4 Puzzi 30/4 E, AB 20, T 10/1 Adv T 12/1 Adv/ecoeficiency 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</p> <p>Cleaning agents: RM 760/Tabs, RM 764, RM 768 iCapsol</p>	 <p>HD 9/20-4 M HDS 7/16 C HDS 9/18-4 M</p> <p>Cleaning agents: RM 750</p>	 <p>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</p> <p>Cleaning agents: RM 780, RM 755 ES, RM 754, RM 752, RM 69, RM 750</p>
Offices, auditoria, classrooms		<p>Puzzi 8/1 C, Puzzi 10/1 Puzzi 10/2 Adv, Puzzi 30/4 Puzzi 30/4 E EB 30/1 Li-Ion, AB 20, BV 5/1 T 10/1, T 10/1 Adv T 12/1 Adv/ecoeficiency T 15/1, CV 30/1 NT 35/1 Ap, NT 65/2 Ap</p> <p>Cleaning agents: RM 760/Tabs, RM 764, RM 768 iCapsol</p>		<p>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</p> <p>Cleaning agents: RM 780, RM 755 ES, RM 754, RM 752, RM 69, RM 730, RM 753</p>
Sports halls, indoor swimming pools		<p>DE 4002 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</p>	<p>HD 6/16-4 M HD 1050 B HDS 8/18-4 C HDS-E 8/16-4 M</p> <p>Cleaning agents: RM 58, RM 59, RM 25, RM 750, RM 732, RM 735</p>	<p>BR 40/10 C Adv BRS 40/1000 C B 40 C/W B 60 C/W B 80 W</p> <p>Cleaning agents: RM 69, RM 755 ES, RM 780, RM 754, RM 753, RM 750</p>
Large kitchens, canteens, workshops, laboratories		<p>DE 4002 T 10/1 Adv T 12/1 Adv/ecoeficiency 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 Tact² Me I</p>	<p>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</p> <p>Cleaning agents: RM 58, RM 59, RM 31, RM 731, RM 732, RM 735, RM 734, RM 750</p>	<p>BRS 40/1000 C BD 40/12 C Bp Pack BR 40/10 C Adv BR 40/25 C BD 40/25 C</p> <p>Cleaning agents: RM 69, RM 752, RM 753, RM 750</p>
Outdoor areas, sports facilities, green areas			<p>HD 6/15 CX Plus HD 9/20-4 M</p>	
Underground car park, car park areas			<p>HD 6/15 CX Plus HD 9/20-4 M HDS 8/18-4 C</p>	<p>B 150 B 250</p>
School yards			<p>HD 5/15 CX Plus HD 9/20-4 M</p>	

Single-disc machines	Sweepers and vacuum sweepers	System solutions	Manual cleaning	Municipal	Water dispenser
 BDS 43/180 C Adv BDS 51/180 C Adv BDP 50/1500 C BDP 50/2000 RS Bp Pack Cleaning agents: 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 Cleaning agents: RM 750	 Cleaning agents: CA 30 C CA 40 R CA 50 C Dosing station: DS 2, DS 3		 WPD 100
BDS 43/180 C Adv BDS 51/180 C Adv BDP 50/1500 C BDP 50/2000 RS Bp Pack Cleaning agents: RM 748, RM 775, RM 749	KM 35/5 C KM 75/40 W Bp Pack	Microfibre roller	Cleaning agents: CA 10 C CA 10 C Extra CA 20 C CA 20 R CA 30 C CA 40 R CA 50 C Dosing station: DS 2, DS 3		WPD 100
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	Cleaning agents: CA 10 C Extra CA 10 C CA 20 C CA 20 R CA 30 C CA 40 R CA 50 C Dosing station: DS 2, DS 3		WPD 100
BDS 43/180 C Adv BDS 51/180 C Adv BDP 50/1500 C Adv BDP 50/2000 RS Bp Pack Cleaning agents: 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	Cleaning agents: 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
	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 45 MIC 50 MIC 84	
	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 KMR 1250 BAT/D KM 120/150 R Bp/G/Lpg/D KM 130/300 R Bp/D/Lpg KM 150/500 R Bp/D/Lpg		Cleaning agents: RM 776 RM 776 NTA-free	MC 50 MIC 26 MIC 34 C MIC 45 MIC 50	
	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 KMR 1250 BAT/D KM 120/150 R Bp/G/Lpg/D KM 130/300 R Bp/D/Lpg			IC 15/240 W MC 50 MIC 34 C MIC 45 MIC 50 MIC 84	

Technical data at a glance.

Cold water high-pressure cleaners

	Power supply (phases)		Water flow rate (l/h)	Max. pressure (bar/MPa)	Operating pressure (bar/MPa)
	Connected load (kW)				
HD compact class					
HD 5/15 C Plus	1	2.8	500	180 / 18	150 / 15
HD 5/15 CX Plus	1	2.8	500	180 / 18	150 / 15
HD 6/15 CX Plus	1	3.1	230-560	190 / 19	30-150/3-15
HD middle class					
HD 6/16-4 M	1	3.4	230-600	190 / 19	30-160/3-16
HD 9/20-4 M	3	7.0	460-900	220 / 22	40-200/4-20
HD with internal combustion engine					
HD 1050 B	-	-	400-930	250 / 25	40-230/4-23
Special high-pressure cleaners					
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
Stationary high-pressure cleaners for use with unheated water (70-85°C)					
HD 9/18-4 ST	3	6.4	460-900	210 / 21	40-180/4-18

Hot water high-pressure cleaners

	Power supply (phases)		Water flow rate (l/h)	Operating pressure (bar/MPa)	Max temperature (°C)
	Connected load (kW)				
HDS compact class					
HDS 7/16 C	3	4.7	270-660	30-160/3-16	80 / 155
HDS 8/18-4 C	3	6.0	300-800	30-180/3-18	80 / 155
HDS middle class					
HDS 9/18-4 M	3	6.4	450-900	30-180/3-18	80 / 155
Special high-pressure cleaners					
HDS-E 8/16-4 M, 12 kW	3	16.5	300-760	30-160/3-16	30 / 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, 36 kW	3	40.5	300-760	30-160/3-16	58 / 85

Dry vacuum cleaners

	Air flow rate (l/s)	Vacuum (mbar/kPa)	Max. rating (W)	Sound pressure level (dB (A))
Dry vacuum cleaners				
T 10/1 / Adv	61	244 / 24.4	1,250	63
T 12/1	61	244 / 24.4	1,300	61
T 12/1 ecoefficiency	43	230 / 23	750	56
T 15/1	61	244 / 24.4	1,300	59
Brush-type vacuum cleaners				
CV 30/1	48	207 / 20.7	1,150	67
CV 38/2	48	250 / 25	1,200	67
CV 48/2	48	250 / 25	1,200	67
CV 60/2 RS Bp Pack	34	117 / 11.7	1,224	68

Wet and dry vacuum cleaners

	Air flow rate (l/s)	Vacuum (mbar/kPa)	Max. rating (W)	Sound pressure level (dB (A))
Standard class				
NT 27/1	67	200 / 20	1,380	72
NT 48/1	67	200 / 20	1,380	72
NT 70/2	2 × 56	208 / 20.8	2,400	75
NT 70/2 Adv	2 × 56	208 / 20.8	2,400	75
NT 70/3	3 × 56	208 / 20.8	3,600	79
Ap class				
NT 35/1 Ap	61	230 / 23	1,380	67
NT 65/2 Ap	2 × 74	254 / 25.4	2,760	73
Tact class				
NT 35/1 Tact	61	230 / 23	1,380	67
NT 55/2 Tact² Me I	2 × 74	254 / 25.4	2,760	73

Carpet cleaners, steam cleaner, air blower

	Surface performance Deep/intermediate cleaning (m²/h)	Turbine power rating (W)	Working width Brush/vacuum (mm)	Tank fresh/dirty water (l)
Carpet cleaners				
Puzzi 8/1 C	12-18	1,200	-	8 / 7
Puzzi 10/1	20-25	1,250	-	10 / 9
Puzzi 10/2 Adv	30-45	1,250	-	10 / 9
Puzzi 30/4	60-75	1,200	-	30 / 15
Puzzi 30/4 E	60-75	1,200	-	30 / 15
	Voltage (V)	Heating output (W)	Tank capacity (l)	Steam pressure (bar)
Steam cleaner				
DE 4002	230	2,250	2.4	3.2
	Air quantity (volume flow) (m³/h)	Speed (rpm)	Intake performance (W)	Weight (kg)
Blower fan				
AB 20	1,115	1,355	102	11
Afd	554	1,370	-	11

Scrubbers and scrubber driers

	Working width Brush/vacuum (mm)	Theoretical area performance (m ² /h)	Practical area performance (m ² /h)	Tank fresh/dirty water (l)
Polishers				
BDP 50/1500 C	508 / 560	900	-	-
BDP 50/2000 RS Bp Pack	508 / 530	1,780	-	-
Single-disc machine				
BDS 43/180 C Adv	432 / -	-	-	10*
BDS 51/180 C Adv	508 / -	-	-	10*
Scrubber				
BRS 40/1000 C	400 / -	450	-	10*
Compact scrubber driers				
BR 30/4 C	300 / 300	200	130	4/4
BR 40/10 C Adv	400 / 400	400	300	10/10
BD 40/12 C Bp Pack	385 / 450	1,100	825	12/12
BR 40/25 C Ep / Bp / Pack	400 / 770	1,600	1,100	25/25
BD 40/25 C Ep / Bp / Pack	400 / 770	1,600	1,100	25/25
Walk-behind scrubber driers				
B 40 C Ep / Bp	430-550 / 850	1,700-2,200	1,275-1,650	40/40
B 40 W Bp	430-550 / 850	1,700-2,200	1,275-1,650	40/40
B 60 W Ep	510-550 / 850	2,040-2,200	1,530-1,650	60/60
B 60 W Bp	550-650 / 850-940	2,200-2,600	1,650-1,950	60/60
B 80 W Bp	650-750 / 850-940	2,200-3,000	1,950-2,250	80/80
Step-on scrubber driers				
BD 50/40 RS Bp / Pack	508 / 691	2,200	1,650	40/40
BR 55/40 RS Bp / Pack	550 / 716	2,350	1,765	40/40
Ride-on scrubber driers				
B 150 R	■ 750-900 / 940-1,060	4,500-5,400	3,375/4,050	150 / 150
B 150 R Adv	■ 750-900 / 940-1,060	7,500-9,000	5,625/6,750	150 / 150
B 250 R	■ 1,000/1,200 / 1,160/1,400	6,000-7,200	4,500/5,400	250 / 250
B 250 R I	■ 1,000/1,200 / 1,160/1,400	6,000-7,200	4,500/5,400	250 / 250

Vacuum sweepers and municipal implement carriers

	Power (kW)	Working width (mm)	Waste container (l)	Electric starter
Litter vacuums				
IC 15/240 W / W Adv	4	100	240	■
	Power (kW)	Sweeping width variable (mm)	Waste container (l/kg)	Air conditioning
Vacuum sweepers				
MC 50 Adv/Adv Comfort	19.2	900-1,400	500	- / ■
	Power	Total permissible weight (kg)	Year-round use	Air conditioning
Implement carrier				
MIC 26 C	19.2 kW	1,750	■	-
MIC 26 C Adv	19.2 kW	1,750	■	□
MIC 34 C	24 kW	1,750	■	■
MIC 45 Classic / Adv	33 kW	2,200/2,500	■	□
MIC 50 / Adv	50 HP	2,800/3,200	■	□
MIC 84	61.7 kW	5,000	■	□

Sweepers

	Working width without / with 1 / with 2 / with 3 side brushes (mm)	Waste container (l)	Max. area performance with 1 / 2 side brushes (m ² /h)	Indoor use	Outdoor use
Walk-behind sweepers					
KM 35/5 C	350/-/-/-	5	1,480/-	■	■
KM 70/15 C	480/700/-/-	42	2,800/-	■	■
KM 70/20 C	480/700/-/-	42	2,800/-	■	■
KM 70/20 C 2SB	480/700/920/-	42	2,800/3,680	■	■
KM 70/30 C Bp / Bp Pack	480/700/-/-	42	2,800/-	■	■
KM 70/30 C Bp Adv / Pack Adv	480/700/-/-	42	2,800/-	■	■
Vacuum sweepers					
KM 75/40 W G	550/750/-/-	40	3,375	-	■
KM 75/40 W Bp	550/750/-/-	40	3,375	■	■
KM 75/40 W Bp Pack	550/750/-/-	40	3,375	■	■
KM 85/50 W G	610/850/1,050/-	50	4,725	-	■
KM 85/50 W Bp	610/850/1,050/-	50	4,725	■	■
KM 85/50 W Bp Pack Adv	610/850/1,050/-	50	4,725	■	■
KM 85/50 W Bp Pack	610/850/1,050/-	50	4,725	■	■
KM 85/50 W G Adv	610/850/1,050/-	50	4,725	-	■
KM 85/50 W Bp Adv	610/850/1,050/-	50	4,725	■	■
Ride-on vacuum sweepers					
KM 90/60 R G	615/900/1,150/-	60	7,200/9,200	-	■
KM 90/60 R Bp	615/900/1,150/-	60	7,200/9,200	■	■
KM 90/60 R Bp Pack	615/900/1,150/-	60	7,200/9,200	■	■
KM 100/100 R G	700/1,000/1,300/-	100	8,000/10,400	-	■
KM 100/100 R Bp	700/1,000/1,300/-	100	6,000/7,800	■	■
KM 100/100 R Bp Pack	700/1,000/1,300/-	100	6,000/7,800	■	■
KM 100/100 R D	700/1,000/1,300/-	100	8,000/10,400	-	■
KM 100/100 R Lpg	700/1,000/1,300/-	100	8,000/10,400	■	■
KMR 1250 BAT	750/1,000/1,250/-	100	6,000/7,500	■	■
KMR 1250 BAT Pack	750/1,000/1,250/-	100	6,000/7,500	■	■
KMR 1250 D	750/1,000/1,250/-	100	8,000/10,000	■	■
KMR 1250 D KAT	750/1,000/1,250/-	100	8,000/10,000	-	■
KM 120/150 R G	850/1,200/-/-	150	9,600/11,600	-	■
KM 120/150 R G 2SB	850/1,200/1,450/-	150	11,600	-	■
KM 120/150 R Bp Pack	850/1,200/-/-	150	7,200/8,700	■	■
KM 120/150 R Bp Pack 2SB	850/1,200/1,450/-	150	8,700	■	■
KM 120/150 R D	850/1,200/-/-	150	9,600/11,600	-	■
KM 120/150 R D 2SB	850/1,200/1,450/-	150	11,600	-	■
KM 120/150 R Lpg	850/1,200/-/-	150	9,600/11,600	■	■
KM 120/150 R Lpg 2SB	850/1,200/1,450/-	150	11,600	■	■
KM 120/150 R Bp	850/1,200/1,450/-	150	7,200/8,700	■	■
KM 120/150 R Bp 2SB	850/1,200/1,450/-	150	8,700	■	■
KM 130/300 R Bp	1,000/1,300/1,550/-	300	9,100/10,850	■	■
KM 130/300 R Bp Pack	■ 1,000/1,300/1,550/-	300	9,100/10,850	■	■
KM 130/300 R D	1,000/1,300/1,550/-	300	13,000/15,500	-	■
KM 130/300 R Lpg	1,000/1,300/1,550/-	300	13,000/15,500	■	■
KM 150/500 R D	1,200/1,500/1,800/2,200	500	18,000/21,600	-	■
KM 150/500 R D 4W	1,200/1,500/1,800/2,200	500	18,000/21,600	-	■
KM 150/500 R Bp	1,200/1,500/1,800/2,200	500	12,000/14,400	■	■
KM 150/500 R Bp Pack	■ 1,200/1,500/1,800/2,200	500	12,000/14,400	■	■
KM 150/500 R Lpg	1,200/1,500/1,800/2,200	500	18,000/21,600	■	■

■ NEW *Optional ■ Included in delivery □ Available accessories

eco!efficiency: achieve more with efficiency.

If you want to move and change things, you have to lead the way, and show your colours. The blue symbols representing the various building blocks of Kärcher eco!efficiency show at a glance how and where Kärcher's power of innovation achieves measurably greater and better efficiency. Kärcher eco!efficiency is about more than efficient products: it is implemented in all business areas and is an integral part of corporate policies and actions.



Measurable time saving

The simple equation of time equals money is still valid, however multiplied by the efficiency factor. More efficient machines that allow work to be carried out more quickly lead to significant labour cost savings and genuine competitive advantages.



High recyclability

Raw materials that cannot be avoided from the beginning must be recyclable as far as possible after a long machine life. Kärcher machines are currently more than 90% recyclable.



Reduced water consumption

Drinking water is precious and conserving it protects natural resources and saves energy for processing, transport and disposal. Many Kärcher high-pressure cleaners and scrubber driers already meet the eco!efficiency standard or feature an eco!efficiency mode, which efficiently regulates the amount of water depending on the cleaning task.



Less noise

Noise is not just unpleasant, it has shown to be damaging to health. Kärcher counters working noise both in its own production processes and for users by reducing noise levels and power to an optimum level. An example of this is the T 12/1 eco!efficiency dry vacuum cleaner. Its working noise level has been reduced by 5 dB(A) compared to the basic model, making it over 50% quieter. Furthermore, the low frequency of the work noise is subjectively perceived as being very pleasant. As a result, the T 12/1 eco!efficiency is also outstandingly suitable for longer work intervals and noise-sensitive areas.



Intelligent energy efficiency

Everything has its limits. Sometimes more power does not make sense. The T 12/1 eco!efficiency dry vacuum cleaner proves that less can be more. Its 750 W motor uses 40% less electricity, achieving 98% of the cleaning performance of the standard model thanks to flow-optimised suction channels, which is more than sufficient for maintenance cleaning.



Exemplary reparability

As early as the development phase, Kärcher machines are designed for reparability: as few components and assemblies as possible, the best possible accessibility and as many standard parts as possible.



Materials to suit the job

The selection of optimal materials is a never-ending challenge. New materials and production processes open up new opportunities in manufacturing and the use of machines, accessories and consumables. Lightweight design, durability, avoidance of contaminants, recyclability and costs - standards that Kärcher takes into account in the manufacture of efficient and eco-friendly products.



Reduced CO₂ emissions

Reducing CO₂ greenhouse gas emissions is a global objective. To reduce its CO₂ footprint, Kärcher is making its contribution on all levels of production and in all business areas: through optimised use of materials, energy and water, high recyclability, as well as self-generated renewable energy.



Optimised company processes

Kärcher ecoefficiency simply means continuously trimming all processes in the company to achieve maximum efficiency. This results in constant optimisation in all areas.



Less waste water pollution

It is as easy as it sounds: water that has not been used, does not need to be disposed of. At the same time, dirty water should be concentrated in order to make work easier for sewage treatment plants. The Kärcher system, consisting of the machine, accessories and cleaning agents is fine-tuned to achieve maximum effect with minimum effort.



Extended service life

The robust construction style and high strength are the key prerequisites for a long usage phase. High quality, reparability and a long-term spare parts supply ensure that Kärcher Professional machines give years of reliable service.



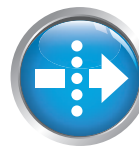
Precisely dosed cleaning agent

The most environmentally friendly and economical cleaning agent is that which is not used. Kärcher DOSE technology enables exact dosage of cleaning agents and, as a result, achieves a much lower level of consumption.



Reduced use of materials

If there is one art that is efficient, it is the art of reduction. Less material consumption through optimised designs is one aspect. Another is reducing the number of components. On average, Kärcher machines consist of significantly fewer components than comparable competitor models. The resulting lighter weight not only saves driving energy, it also saves a serious amount of raw materials and energy in manufacture.



Effective dust filtering

Dust is a nuisance to people and the environment and can be detrimental to health and the environment. Kärcher vacuums feature efficient filter systems with innovative components, e.g. Tact and Tact² systems for fully automatic filter cleaning as well as HEPA filters for hygienically clean, particle-free exhaust air. Fleece filter bags with a better degree of separation, double the retention capacity and a longer service life compared to paper filter bags. And last, but not least, certified safety vacuum cleaners for critical applications.

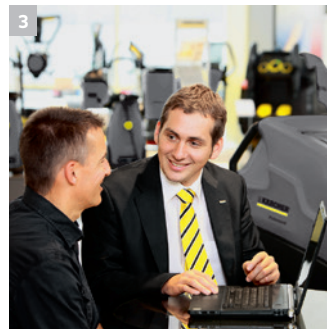
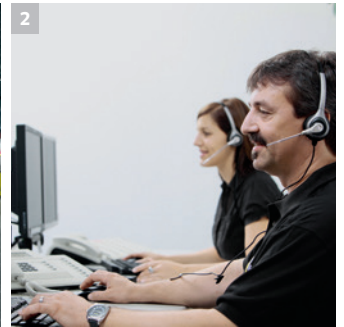
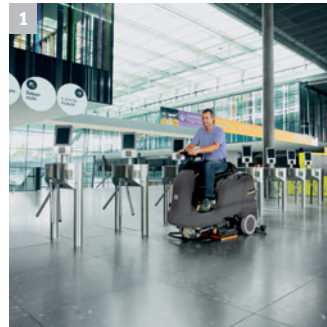


Comprehensive spare parts supply

Durable investment goods can only fully develop their economical and environmental advantages if all spare parts are available until the end of their service life. Depending on the particular product, Kärcher guarantees a spare parts supply for up to 10 years after a model goes out of production.

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 Refurbished machines

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.

Enthusiasm. Innovation. Success.

Since its beginnings more than 75 years ago, as a value-oriented family business, Kärcher has become a world brand with three strong attributes: top performance, innovation and quality. Today, the Kärcher brand enjoys the reputation of being a global leader and resource-conserving supplier of professional cleaning systems and is synonymous with reliable products, optimal user value and ongoing commitment to the environment, culture and sport.



1 Seattle's highest building: the Space Needle

A Kärcher team pressure-washed the structure up to a height of 184 m. The job took eight weeks, working only at night.



2 A facelift for the heads of state

Clean again: In 2005 Kärcher cleaned the National Memorial on Mount Rushmore.



3 Innovative right from the start

In 1950, Kärcher developed the first hot water high-pressure cleaner in Europe for professional cleaning.



4 Clean environment

Kärcher works on environmental protection every day, with new products, technologies and investments in production facilities.

5 In-house research and development

Kärcher develops high-performance cleaning machines, accessories and special cleaning and care products.

6 Internationally represented

We are there for our customers all around the world.

7 Commitment to sports

Clean performance on the pitch. For several years, Kärcher has supported German and international football as a partner.

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