

KÄRCHER

UNPARA- LELED VERSATILITY

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PROFESSIONAL | HIGH-PRESSURE CLEANERS

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The name Kärcher is synonymous with power, quality and innovation worldwide. As a pioneer of high-pressure cleaning, today Kärcher is a 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. And for a product range that meets any demand with its innovative technology and versatility: mobile or stationary, using hot or cold water, with an electric motor or a combustion engine. Not to mention an extensive range of accessories that offers the right solution for every application.







COMPREHENSIVE POSSIBILITIES

Since Alfred Kärcher applied for a patent for the first European hot water high-pressure cleaner in 1950, this cleaning principle has enjoyed an extraordinary career. Today there are hardly any jobs that cannot be tackled with a Kärcher high-pressure cleaner: from cleaning large areas and the removal of stubborn dirt through to cleaning inaccessible nooks and crannies – Kärcher high-pressure cleaners are tough on dirt and gentle on surfaces.

OUR PERFORMANCE PROMISE – WE CAN WORK WELL UNDER PRESSURE

Kärcher develops and produces all pumps and motors itself. Compared with many competitors, we are in full control of the entire production process and use carefully selected, high-quality materials for our products. The performance class in which the respective high-pressure determines is used decides the material selection.



Brass cylinder head

All Kärcher Professional machines are equipped with a brass cylinder head as standard. This is designed for strong performance and very long runtimes.



Cleaning agents

Our pumps are designed even for the use of strong cleaning agents. This means that we can guarantee the best cleaning result for every application.



Pistons

We choose the material of the pistons based on the requirements of our machine. In the lower pressure range, stainless steel pistons guarantee optimal gliding characteristics and low wear.



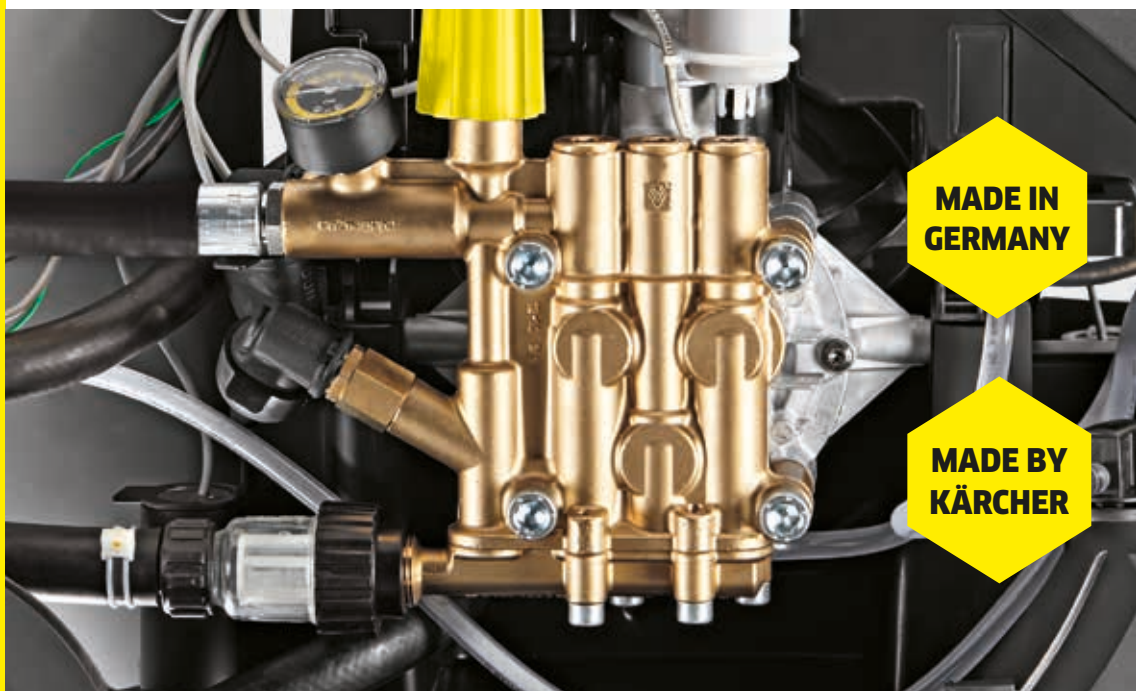
Reduced volume

The optimal fine tuning of motor and pump ensures low friction and, as a result, reduced noise generation.



Perfect interaction

We design the perfect combination of high-pressure pump and electric motor for every machine. The resulting optimally designed operating point guarantees a long service life and maximum efficiency.







OUR CLASSES

Upright Class

Kärcher upright class high-pressure cleaners are the right choice for users who need powerful and robust machines with maximum mobility for occasional use on alternating operation sites: easy to manoeuvre and transport.

Compact Class

Kärcher compact class high-pressure cleaners are the right choice for users who need a mobile high-pressure cleaner almost daily for alternating operation sites: a machine that is easy to transport, despite its high performance.

Middle Class

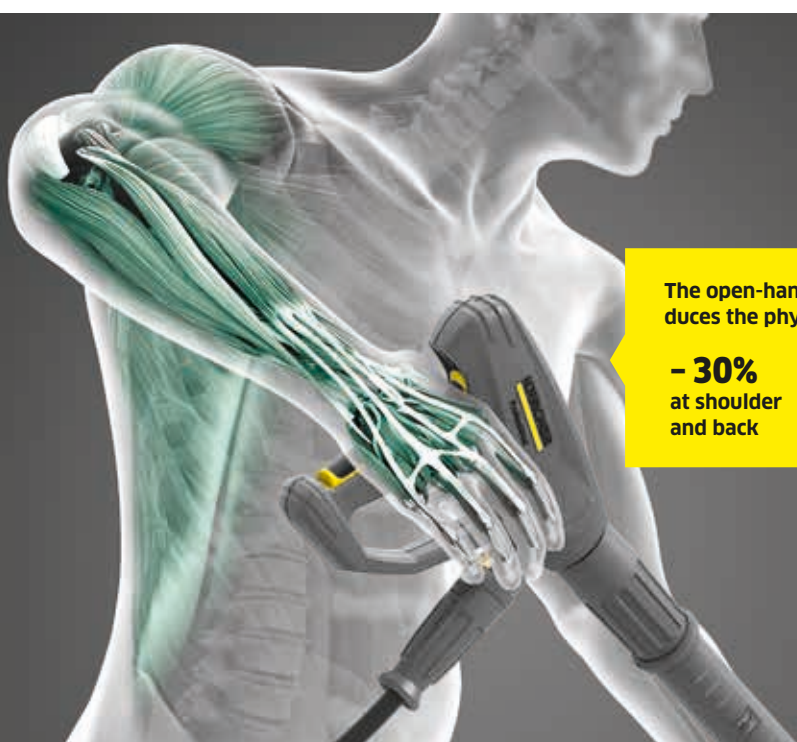
Kärcher middle class high-pressure cleaners are the right choice for users who need a machine with a large range for the daily cleaning of machines or areas, with which they can also reach areas that are difficult to access and which takes up little space in the yard or workshop.

Super Class

Kärcher super class high-pressure cleaners are the right choice for users who always have to complete cleaning tasks involving large amounts of dirt and particularly stubborn dirt.

Special Range

Kärcher special range high-pressure cleaners are the right choice for users who place special requirements on performance, safety and hygiene and, for example, need high pressure for tough dirt or large water volumes for two-lance operation. High-pressure cleaners with petrol or diesel motors, as well as machines for special target groups, round off the product portfolio.



The open-hand holding posture reduces the physical effort required:

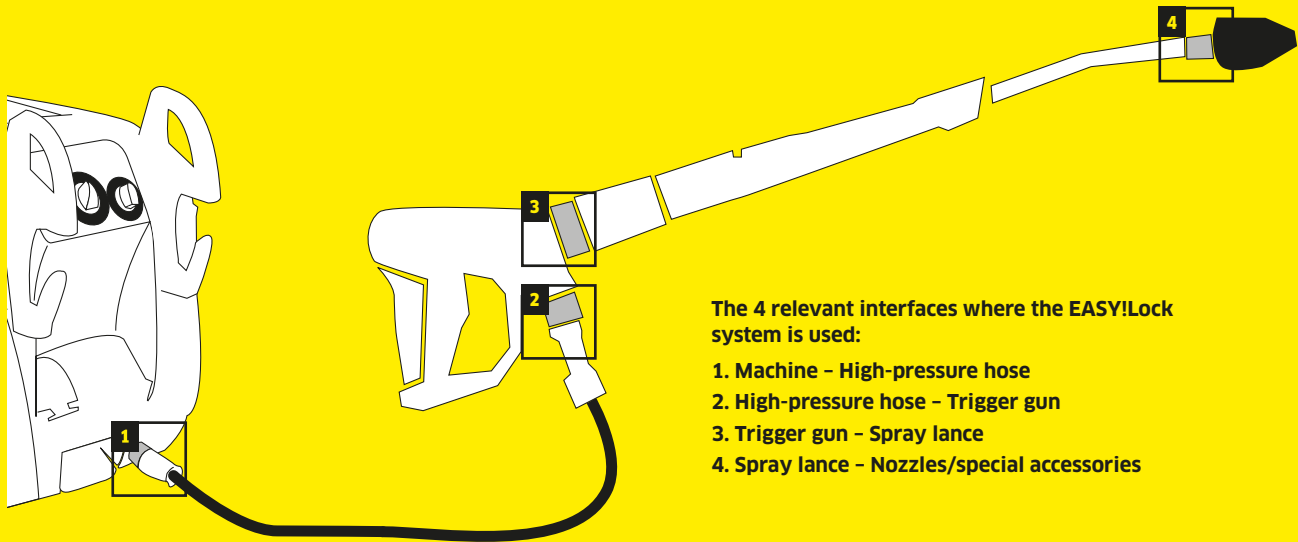
- 30%
at shoulder
and back

- 60%
at fingers
and wrist



TAKE IT EASY. ZERO HOLDING FORCE. ZERO FATIGUE.

Our patented EASY!Force high-pressure gun relieves pressure on you and your joints and muscles.



The 4 relevant interfaces where the EASY!Lock system is used:

1. Machine – High-pressure hose
2. High-pressure hose – Trigger gun
3. Trigger gun – Spray lance
4. Spray lance – Nozzles/special accessories

EASY!Force high-pressure gun

In order to hold and operate the HP trigger gun and HP lance, larger muscle groups in the upper arm are involved instead of smaller muscle groups in the fingers and forearm. As a result, fatigue no longer sets in at an early stage. With traditional HP trigger guns the fingers must be bent into a fist. When using EASY!Force, the hand remains in a relaxed, neutral position and fingers are unbent. The shift of the retaining forces from small muscle groups to larger muscle groups in conjunction with the optimal ergonomics of the HP trigger gun and thus relaxed posture lead to drastically reduced strain on the muscles. This enables fatigue-free work in the long run and results in better and more cost-efficient work with optimal work results.

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 increases comfort significantly, without impacting safety and reliability. Work interruptions due to the loss of seals are ruled out as are additional spare part costs.





EFFICIENT AND LONG-LASTING

Our hot water high-pressure cleaners guarantee effective cleaning with innovative burner technology, sustainable handling and an excellent quality standard.

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

Powerful burner with low fuel consumption and low emissions: the hot water high-pressure cleaners from Kärcher clean efficiently and quickly whilst protecting the environment at the same time.

State-of-the-art burner technology

Hot water high-pressure cleaners from Kärcher are subject to continuous development. Thanks to the very efficient burner and turbo blower, emissions can be reduced and fuel consumption can be lowered. The independent European association "European Cleaning Machines Association" certified Kärcher as the world's first provider of hot water high-pressure cleaners in terms of efficiency and compliance with exhaust gas regulations. This guarantees:

- High-efficiency burners
- Low fuel consumption
- Low emissions

Save energy and protect the environment

As the world's first high-pressure cleaner range, the new generation of Kärcher hot water machines feature eco!efficiency. One turn to the eco!efficiency mode on the main switch is enough and the machine switches to the most efficient temperature range

(60°C) – with full water flow. The advantage: the burner cycles are optimised so that fuel consumption is reduced by 20 percent compared with the full load operation (80°C).

Exceptional mobility

Kärcher high-pressure cleaners set the bar higher in terms of mobility. The HDS ranges in the compact, middle and super classes are designed according to the jogger principle: large rubber tyres at the back and castors at the front. The proven sack truck principle of the cold water machines is also used for the first time in the hot water machines of the HDS upright class. On top of this there are ergonomically shaped push handles and perfect weight distribution – for fast and safe change of location without excessive effort. Suitability for forklift loading/unloading, transport eyelets and a tilting aid all facilitate transportation.



Advantages of hot water



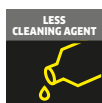
Better cleaning results

With hot water, solidified oils and fats dissolve and emulsify better and are therefore easily removable.



Shorter working time

Hot water causes dirt to be loosened much faster, resulting in significant time savings of up to 35 percent.



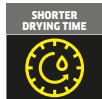
Reduced use of cleaning agents

In most cases greases, oils and resins can be removed with hot water. This protects the environment and saves money and resources.



Germ-reducing effect

Germs are reduced considerably by cleaning with hot water. This germ reduction is perfectly adequate for many requirements.



Shorter drying time

Surfaces that are cleaned with hot water dry faster due to the heat and are ready for further processing more quickly.



Protection of surfaces

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

Environment-friendly cleaning with e-fuels and biodiesel



All Kärcher hot water high-pressure cleaners can be easily operated with biodiesel and e-fuels in accordance with DIN EN 15940. Biodiesel and e-fuels are made from renewable raw materials and are CO₂-neutral. Thanks to better combustion properties compared with traditional diesel, emissions are reduced considerably, thus supporting the protection of the environment in the long term.

Weed removal with hot water






Hot water destroys weeds by quickly penetrating down to the roots, denaturing the plant proteins and wiping out the weeds permanently.

Thermal virus reduction







From a water temperature of 65°C and a contact time of the water with the contaminated surface of under one minute, hot water high-pressure cleaners can effectively eliminate enveloped viruses – from 75°C non-enveloped viruses are also reduced. This has also been confirmed by an external laboratory.

HOT WATER HIGH-PRESSURE CLEANERS

	Order no.	Power supply (phases)	Flow rate (l/h)	Working pressure (bar/MPa)	Chassis with integrated fuel and cleaning agent tank	Steam stage	Electro start	Integrated hose reel	Soft Damping System (SDS)	4-pole motor (low-speed machine)	Servo Control	EASY!Force Advanced spray gun	Exhaust gas thermostat	Spray lance, rotatable	Triple nozzle	Power nozzle	Pole reverse plug (3~)	Calcification protection	Dry-running protection
HDS Super Class																			
	HDS 13/20-4 S	1.071-927.0	3	600-1300	30-200/3-20	■	■	-	-	■	■	■	■	■	-	■	■	■	■
	HDS 13/20-4 SX	1.071-932.0	3	600-1300	30-200/3-20	■	■	-	■	■	■	■	■	■	-	■	■	■	■
	HDS 12/18-4 S	1.071-914.0	3	600-1200	30-180/3-18	■	■	-	-	■	■	■	■	■	-	■	■	■	■
	HDS 12/18-4 SX	1.071-925.0	3	600-1200	30-180/3-18	■	■	-	■	■	■	■	■	■	-	■	■	■	■
HDS Middle Class																			
	HDS 10/20-4 M	1.071-900.0	3	500-1000	30-200/3-20	■	■	-	-	■	■	■	■	■	-	■	■	■	■
	HDS 10/20-4 MX	1.071-912.0	3	500-1000	30-200/3-20	■	■	-	■	■	■	■	■	■	-	■	■	■	■
	HDS 9/18-4 M	1.077-911.0	3	450-900	30-180/3-18	■	■	-	-	■	■	■	■	■	-	■	■	■	■
	HDS 9/18-4 MX	1.077-918.0	3	450-900	30-180/3-18	■	■	-	■	■	■	■	■	■	-	■	■	■	■
	HDS 8/18-4 M	1.077-908.0	3	400-800	30-180/3-18	■	■	-	-	■	■	■	■	■	-	■	■	■	■
	HDS 8/18-4 MX	1.077-910.0	3	400-800	30-180/3-18	■	■	-	■	■	■	■	■	■	-	■	■	■	■
	HDS 7/12-4 M	1.077-900.0	1	350-700	30-120/3-12	■	■	-	-	■	■	-	■	■	-	■	-	■	■
HDS Compact Class																			
	HDS 8/18-4 C	1.174-900.0	3	300-800	30-180/3-18	■	■	-	-	■	■	■	■	■	-	■	■	■	■
	HDS 8/18-4 CX	1.174-906.0	3	300-800	30-180/3-18	■	■	-	■	■	■	■	■	■	-	■	■	■	■
	HDS 8/17 C	1.174-911.0	3	290-760	30-170/3-17	■	-	-	-	■	-	□	■	■	-	■	■	■	■
	HDS 8/17 CX	1.174-915.0	3	290-760	30-170/3-17	■	-	-	■	■	-	□	■	■	-	■	■	■	■
	HDS 7/16 C	1.173-900.0	3	270-660	30-160/3-16	■	-	-	-	■	-	□	■	■	-	■	■	■	■
	HDS 7/16 CX	1.173-904.0	3	270-660	30-160/3-16	■	-	-	■	■	-	□	■	■	-	■	■	■	■
	HDS 6/14-4 C	1.170-900.0	1	240-560	30-140/3-14	■	■	-	-	■	■	■	■	■	-	■	-	■	■
	HDS 6/14-4 CX	1.170-902.0	1	240-560	30-140/3-14	■	■	-	■	■	■	■	■	■	-	■	-	■	■
	HDS 6/14 C	1.169-900.0	1	240-560	30-140/3-14	■	-	-	-	■	-	□	■	■	-	■	-	■	■
	HDS 6/14 CX	1.169-905.0	1	240-560	30-140/3-14	■	-	-	■	■	-	□	■	■	-	■	-	■	■
	HDS 5/12 C	1.272-900.0	1	500	120/12	■	-	-	-	■	-	-	■	■	■	□	-	-	-

■ Included in the scope of supply. □ Optional.



	Order no.	Power supply (phases)	Flow rate (l/h)	Working pressure (bar/MPa)	Chassis with integrated fuel and cleaning agent tank	Steam stage	Electro start	Integrated hose reel	Soft Damping System (SDS)	4-pole motor (low-speed machine)	Servo Control	EASY!Force Advanced spray gun	Exhaust gas thermostat	Spray lance, rotatable	Triple nozzle	Power nozzle	Pole reverse plug (3~)	Calcification protection	Dry-running protection
HDS Upright Class																			
	HDS 5/15 U	1.064-912.0	1	450	150/15	-	-	-	-	-	-	■	■	■	■	□	-	-	-
	HDS 5/15 UX	1.064-913.0	1	450	150/15	-	-	-	■	-	-	■	■	■	■	□	-	-	-
	HDS 5/13 U	1.064-908.0	1	500	125/12.5	-	-	-	-	-	-	■	■	■	■	□	-	-	-
	HDS 5/13 UX	1.064-909.0	1	500	125/12.5	-	-	-	■	-	-	■	■	■	■	□	-	-	-
	HDS 5/11 U	1.064-900.0	1	450	110/11	-	-	-	-	-	-	■	■	■	■	□	-	-	-
	HDS 5/11 UX	1.064-901.0	1	450	110/11	-	-	-	■	-	-	■	■	■	■	□	-	-	-
HDS Trailer																			
	HDS 9/50 De Tr1	1.524-521.2	-	500-900	150-500/15-50	-	-	■	■	-	-	Industry	■	■	-	■	-	■	■
	HDS 13/35 De Tr1	1.524-521.2	-	650-1300	100-350/10-35	-	-	■	■	-	-	Industry	■	■	-	■	-	■	■
	HDS 17/20 De Tr1	1.524-952.2	-	900-1700	70-200/7-20	-	-	■	■	-	-	■	■	■	-	■	-	■	■
	HDS 13/20 De Tr1	1.524-952.2	-	900-1300	50-200/5-20	-	-	■	■	-	-	■	■	■	-	■	-	■	■
HDS Special Class																			
	HDS 2000 Super	1.071-934.0	3	800-1850	30-180/3-18	-	■	-	-	■	■	■	-	■	-	■	■	■	■
	HDS-E 8/16-4 M 36 kW	1.030-906.0	3	300-760	30-160/3-16	■	-	-	-	-	■	■	-	■	-	■	-	■	■
	HDS-E 8/16-4 M 24 kW	1.030-904.0	3	300-760	30-160/3-16	■	-	-	-	-	■	■	-	■	-	■	-	■	■
	HDS-E 8/16-4 M 12 kW	1.030-900.0	3	300-760	30-160/3-16	■	-	-	-	-	■	■	-	■	-	■	-	■	■
HDS with combustion engine																			
	HDS 1000 De	1.811-943.0	-	450-900	40-200/4-20	-	-	■	-	-	-	■	-	■	-	■	-	■	-
	HDS 1000 Be	1.811-942.0	-	450-900	40-210/4-21	-	-	■	-	-	-	■	-	■	-	■	-	■	-
	HDS 8/20 De	1.210-910.0	-	800	200/20	-	-	■	-	-	-	■	-	■	-	■	-	-	-
	HDS 8/20 G	1.210-920.0	-	800	200/20	-	-	-	-	-	-	■	-	■	-	■	-	-	-

■ Included in the scope of supply. □ Optional.





COMPACT AND VERSATILE

Our cold water high-pressure cleaners impress with their fast, safe and comfortable handling and very effective cleaning, according to individual customer needs.

NEVER BEFORE HAS WATER BEEN SO VERSATILE

Sustainable, cost-efficient and long-lasting: the cold water high-pressure cleaners impress with low purchase, energy and maintenance costs, their compact design and flexible application possibilities.

Exceptional mobility

Based on the proven sack truck principle, all machines come with ergonomically shaped push handles and perfect weight distribution. The user can move between operation sites quickly and safely without excessive effort. With the new HD compact class the additional carrying handle at the front of the machine enables simple loading and transportation along with the accessories. Stairs are no problem thanks to the additional skids on the rear of the unit. The push handle, which can be retracted and extended at the touch of a button, means the HD compact class is ready for use with one hand and can also be easily transported and stored in a space-saving manner.

For independent use

Petrol- or diesel-operated high-pressure cleaners from Kärcher can be used wherever there is no power supply. If required, water can be suctioned directly from lakes, for example. This means that the machines are also perfect for use in agriculture, the construction industry or in the public sector.

Solutions specific to target groups

Apart from the standard range, Kärcher also provides cold water high-pressure cleaners for specific target groups, which are customised for the respective customer needs. For example, the HD 10/15-4 Cage Food used in the food industry is characterised by high performance values and hot water resistance up to 85°C. The high-pressure cleaner is also equipped with specially developed accessories, which help meet strict hygiene standards.



Hot or cold? Depends on the matter at hand.

For HD the impact pressure is decisive – perfect for the removal of non-adhesive dirt and large amounts of dirt such as dust, moss and soil. The advantages of HD are:

- lower purchase costs
- no energy costs for hot water generation
- fewer components
- more compact design
- cheaper maintenance and repair







COLD WATER HIGH-PRESSURE CLEANERS

	Order no.	Power supply (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
HD Super Class														
	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
	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
	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
	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
	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
	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
	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
	HD 10/23-4 SX Plus	1.286-924.0	3	1000	253/25.3	230/23	6	■	-	-	- ■	EASY!Force Advanced	■	Power nozzle
HD Middle Class														
	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
	HD 8/18-4 M / M Plus	1.524-970.0 1.524-972.0	3	380-760	230/23	30-180/3-18	-	-	-	-	■ □/■	EASY!Force	■	Power nozzle
	HD 8/18-4 MXA Plus	1.524-976.0	3	380-760	230/23	30-180/3-18	-	■	-	-	■ ■	EASY!Force	■	Power nozzle
	HD 7/17 M / M Plus	1.151-930.0 1.151-932.0	3	700	220/22	170/17	-	-	-	-	- □/■	EASY!Force	■	Power nozzle
	HD 7/17 MXA Plus	1.151-936.0	3	700	220/22	170/17	-	■	-	-	- ■	EASY!Force	■	Power nozzle
	HD 7/14-4 M / M Plus	1.524-930.0 1.524-932.0	1	690	190/19	140/14	-	-	-	-	- □/■	EASY!Force	■	Power nozzle
	HD 7/14-4 MXA Plus	1.524-947.0	1	690	190/19	140/14	-	■	-	-	- ■	EASY!Force	■	Power nozzle
	HD 6/15 M / M Plus	1.150-930.0 1.150-932.0	1	560	200/20	150/15	-	-	-	-	- □/■	EASY!Force	■	Power nozzle
	HD 6/15 MX Plus	1.150-931.0	1	560	200/20	150/15	-	■	-	-	- ■	EASY!Force	■	Power nozzle
	HD 6/15 MXA Plus	1.150-943.0	1	560	200/20	150/15	-	■	-	-	- ■	EASY!Force	■	Power nozzle






■ Included in the scope of supply. □ Optional.



	Order no.	Power supply (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
HD Middle Class stationary														
	HD 8/18-4 M St	1.524-980.0	3	760	270/27	30-180/3-18	-	-	-	-	□	-	-	-
	HD 7/17 M St	1.151-950.0	3	700	255/25.5	170/17	-	-	-	-	-	-	-	-
	HD 6/15 M St	1.150-950.0	1	560	225/22.5	150/15	-	-	-	-	-	-	-	-
HD Middle Class Cage														
	HD 8/18-4 M Cage	1.524-981.0	3	760	270/27	30-180/3-18	-	-	-	■	-	EASY!Force	■	Power nozzle
	HD 7/16-4 M Cage	1.524-960.0	3	350-700	240/24	30-160/3-16	-	-	-	■	-	EASY!Force	■	Power nozzle
	HD 7/17 M Cage	1.151-960.0	3	700	255/25.5	170/17	-	-	-	-	-	EASY!Force	■	Power nozzle
	HD 7/14-4 M Cage	1.524-942.0	1	700	210/21	140/14	-	-	-	-	-	EASY!Force	■	Power nozzle
	HD 6/15 M Cage	1.150-970.0	1	560	225/22.5	150/15	-	-	-	-	-	EASY!Force	■	Power nozzle
HD Compact Class														
	HD 5/17 C	1.520-940.0	1	500	200/20	170/17	-	-	-	-	□	EASY!Force	■	Triple nozzle
	HD 5/17 C Plus	1.520-941.0	1	500	200/20	170/17	-	-	-	-	■	EASY!Force	■	Triple nozzle
	HD 5/17 CX Plus	1.520-942.0	1	500	200/20	170/17	-	■	-	-	■	EASY!Force	■	Triple nozzle
	HD 6/13 C	1.520-950.0	1	560	190/19	130/13	-	-	-	-	□	EASY!Force	■	Triple nozzle
	HD 6/13 C Plus	1.520-951.0	1	560	190/19	130/13	-	-	-	-	■	EASY!Force	■	Triple nozzle
	HD 6/13 CX Plus	1.520-952.0	1	560	190/19	130/13	-	■	-	-	■	EASY!Force	■	Triple nozzle
	HD 5/15 C	1.520-930.0	1	500	200/20	150/15	-	-	-	-	□	EASY!Force	■	Triple nozzle
	HD 5/15 C Plus	1.520-931.0	1	500	200/20	150/15	-	-	-	-	■	EASY!Force	■	Triple nozzle
	HD 5/15 CX Plus	1.520-932.0	1	500	200/20	150/15	-	■	-	-	■	EASY!Force	■	Triple nozzle
	HD 5/12 C	1.520-900.0	1	500	175/17.5	120/12	-	-	-	-	□	EASY!Force	■	Triple nozzle
	HD 5/12 C Plus	1.520-901.0	1	500	175/17.5	120/12	-	-	-	-	■	EASY!Force	■	Triple nozzle
	HD 5/12 CX Plus	1.520-902.0	1	500	175/17.5	120/12	-	■	-	-	■	EASY!Force	■	Triple nozzle
HD Portable Class														
	HD 5/11 P	1.520-960.0	1	490	160/16	110/11	-	-	-	-	□	EASY!Force	■	Power nozzle
	HD 5/11 P Plus	1.520-961.0	1	490	160/16	110/11	-	-	-	-	■	EASY!Force	■	Power nozzle








■ Included in the scope of supply. □ Optional.

COLD WATER HIGH-PRESSURE CLEANERS

		Order no.	Power supply (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
HD Special Class															
	HD 25/15-4 Cage Plus	1.353-907.0	3	500-2500	190/19	30-150/3-15	-	-	■	■	■	■	EASY!Force Advanced	■	Power nozzle
	HD 20/15-4 Cage Plus	1.353-906.0	3	500-2000	190/19	30-150/3-15	-	-	■	■	■	■	EASY!Force Advanced	■	Power nozzle
	HD 16/15-4 Cage Plus	1.353-905.0	3	500-1600	190/19	30-150/3-15	-	-	■	■	■	■	EASY!Force Advanced	■	Power nozzle
	HD 10/25-4 Cage Plus	1.353-902.0	3	1000	273/27.3	250/25	-	-	-	-	-	■	EASY!Force Advanced	■	Power nozzle
	HD 7/17 M Portable	1.151-951.0	3	700	255/25.5	170/17	-	-	-	-	-	-	EASY!Force	■	Power nozzle
	HD 6/15 M Portable	1.150-952.0	1	560	225/22.5	150/15	-	-	-	-	-	-	EASY!Force	■	Power nozzle
	HD 10/16-4 Cage Ex	1.353-904.0	3	1000	220/22	160/16	-	-	■	-	-	□	EASY!Force Ex-Schutz	■	Power nozzle
	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
	HD 7/10 CXF	1.151-906.0	3	250-700	120/12	10-100/1-10	-	■	-	-	■	□	EASY!Force Food	■	Triple nozzle
HD with combustion engine															
	HD 9/23 De	1.187-907.0	-	400-930	250/25	40-230/4-23	-	-	-	-	■	□	EASY!Force Advanced	■	Power nozzle
	HD 9/23 G	1.187-906.0	-	400-930	250/25	40-230/4-23	-	-	-	-	■	□	EASY!Force Advanced	■	Power nozzle
	HD 9/21 G	1.187-905.0	-	200-850	230/23	10-210/1-21	-	-	-	■	-	□	EASY!Force Advanced	■	Power nozzle
	HD 8/20 G	1.187-904.0	-	200-750	230/23	10-200/1-20	-	-	-	■	-	□	EASY!Force Advanced	■	Power nozzle
	HD 7/15 G	1.187-903.0	-	650	160/16	150/15	-	-	-	-	-	□	EASY!Force Advanced	■	Power nozzle
	HD 728 B	1.187-908.0	-	650	160/16	150/15	-	-	-	-	-	□	EASY!Force Advanced	■	Triple nozzle
HG hot water generator															
	HG 64	1.030-510.0	1	300-1300	220/22	-	-	-	-	-	-	□	Standard	-	□
	HG 43	1.030-500.0	1	300-1300	200/20	-	-	-	-	-	-	□	Standard	-	□

■ Included in the scope of supply. □ Optional.



		Order no.	Power supply (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
HD Classic															
	HD 9/20-4 Classic	1.367-308.0	3	520-900	240/24	70-200/7-20	-	-	■	■	-	□	Standard	-	Power nozzle
	HD 7/18-4 Classic	1.367-307.0	3	520-700	220/22	70-180/7-18	-	-	■	■	-	□	Standard	-	Power nozzle
	HD 6/15-4 Classic	1.367-306.0	1	450-600	190/19	70-150/7-15	-	-	■	■	-	□	Standard	-	Power nozzle
	HD 7/11-4 Classic	1.367-305.0	1	520-700	150/15	70-110/7-11	-	-	■	■	-	□	Standard	-	Power nozzle
	HD 9/18-4 Cage Classic	1.367-315.0	3	450-900	240/24	70-180/7-18	-	-	■	■	-	□	Standard	-	Power nozzle
	HD 7/16-4 Cage Classic	1.353-913.0	3	400-700	220/22	70-160/7-16	-	-	■	■	-	□	EASY!Force	-	Power nozzle
	HD 7/11-4 Cage Classic	1.367-318.0	1	520-700	220/22	70-110/7-11	-	-	■	■	-	□	Standard	-	Power nozzle
	HD 5/11 Cage Classic	1.520-204.0	1	500	160/16	110/11	-	-	-	-	-	□	Standard	-	Power nozzle
	HD 9/25 G Classic	1.187-013.0	-	900	300/30	250/25	-	-	■	-	-	□	Standard	-	Power nozzle
	HD 8/23 G Classic	1.187-012.0	-	800	280/28	230/23	-	-	■	-	-	□	Standard	-	Power nozzle
	HD 7/20 G Classic	1.187-011.0	-	700	250/25	200/20	-	-	■	-	-	□	Standard	-	Power nozzle
	HD 6/15 G Classic	1.187-010.0	-	600	200/20	150/15	-	-	■	-	-	□	Standard	-	Power nozzle
HD Battery															
	HD 4/11 C Bp	1.520-928.0	-	400	110/11	-	-	-	-	-	-	-	EASY!Force	■	Power nozzle
	HD 4/11 C Bp Pack	1.520-925.0	-	400	110/11	-	-	-	-	-	-	-	EASY!Force	■	Power nozzle
HD Trailer															
	HD 9/23 Ge Tr1	1.524-954.2	-	400-930	250/25	40-230/4-23	-	□	-	-	■	□	EASY!Force Advanced	■	Power nozzle
	HD 9/23 De Tr1	1.524-954.2	-	400-930	250/25	40-230/4-23	-	□	-	-	■	□	EASY!Force Advanced	■	Power nozzle
UHP special range															
	HD 9/100-4 Classic	1.812-000.0	3	980	1100	1000/100	-	-	■	-	-	□	Dump Gun	-	F19
	HD 18/50-4 Classic	1.367-160.0	3	1800	640	500/50	-	-	■	-	-	□	Industry	■	Power nozzle
	HD 18/50-4 Adv	1.367-162.0	3	1800	640	500/50	-	-	■	-	-	□	Industry	■	Power nozzle
	HD 9/50-4 Cage	1.367-156.0	3	900	640	500/50	-	-	■	■	-	□	Industry	■	Power nozzle
	HD 9/50 Ge Cage	1.367-506.0	-	900	640	500/50	-	-	■	■	-	□	Industry	■	Power nozzle
	HD 13/35-4 Cage	1.367-154.0	3	1300	450	350/35	-	-	■	■	-	□	Industry	■	Power nozzle
	HD 13/35 Ge Cage	1.367-505.0	-	1300	450	350/35	-	-	■	■	-	□	Industry	■	Power nozzle

■ Included in the scope of supply. □ Optional.

HIGH PRES- SURE AT YOUR FINGERTIPS

High performance, efficiency and long life: our stationary high-pressure units are in demand in diverse industries and applications – in all areas of food processing, the automotive industry and vehicle repair shops, the chemical and metal processing industry, municipal facilities such as swimming pools and maintenance hangars, as well as livestock farming and agricultural vehicle care. And most certainly in your work area.



STATIONARY YET FLEXIBLE FOR ALMOST EVERY APPLICATION

The stationary high-pressure unit is adapted to the individual requirements on site and therefore cleans efficiently, safely and comfortably.

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, beverage and meat processing, wineries and agriculture. From the metal-working, chemical and pharmaceutical industries to paper manufacture. In swimming pools and all types of sanitation areas. Wherever you want to use high-pressure cleaning – our experts for stationary high-pressure units provide you with professional advice when planning 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 any set-up process. No need to transport the machine. Space-saving design. Furthermore, stationary high-pressure units make important contributions to operational safety and work protection: protection of employees against 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.



STATIONARY HIGH-PRESSURE CLEANERS

	Order no.	Power supply (phases)	Flow rate (l/h)	Working pressure (bar/MPa)	3-piston axial pump	Crankshaft pump	Ceramic piston	Stainless steel piston	4-pole motor (low-speed machine)	Advance pressure pump	Exhaust gas thermostat	Fuel shortage protection	Pressure relief	SDS hose/pressure tank	Dry-running protection	Flame monitoring	Calcification protection	Stainless steel heating coil	Servo Control	Prepared for Servo Control	Prepared for remote operation	Spray gun	High-pressure hose	Spray lance	Triple nozzle	
Stationary hot water high-pressure cleaners, single-lance operation																										
	HDS 12/14-4 ST	1.699-921.0	3	600-1200	30-140/3-14	■	-	■	-	■	-	■	■	■	■	■	■	-	-	■	■	-	-	-	-	
	HDS 12/14-4 ST Gas	1.251-901.0	3	600-1200	30-140/3-14	■	-	■	-	■	-	■	■	■	■	■	■	■	-	■	■	-	-	-	-	
	HDS 12/14-4 ST Gas LPG	1.251-902.0	3	600-1200	30-140/3-14	■	-	■	-	■	-	■	■	■	■	■	■	■	-	■	■	-	-	-	-	
	HDS 9/14-4 ST	1.698-917.0	3	500-930	30-140/3-14	■	-	■	-	■	-	■	■	■	■	■	■	■	-	■	■	-	-	-	-	
	HDS 9/16-4 ST Gas	1.251-900.0	3	500-960	30-160/3-16	■	-	■	-	■	-	■	■	■	■	■	■	■	-	■	■	-	-	-	-	
Stationary cold water high-pressure cleaners, 60/85°C, multiple-lance operation																										
	HDC 120/10	1.509-502.2	3	up to 12000	100/10	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
	HDC 90/10	1.509-502.2	3	up to 9000	100/10	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
	HDC 60/10	1.509-502.2	3	up to 6000	100/10	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
	HDC 80/16	1.509-500.2	3	up to 8000	160/16	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
	HDC 80/8	1.509-500.2	3	up to 8000	80/8	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
	HDC 60/16	1.509-500.2	3	up to 6000	160/16	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
	HDC 60/8	1.509-500.2	3	up to 6000	80/8	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
	HDC 40/16	1.509-500.2	3	up to 4000	160/16	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
	HDC 40/8	1.509-500.2	3	up to 4000	80/8	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
	HDC 20/16	1.509-501.2	3	up to 2000	160/16	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-
HDC 20/8	1.509-501.2	3	up to 2000	80/8	-	■	-	■	■	□	-	-	-	■	■	-	-	-	□	■	■	□	□	□	-	
Stationary cold water high-pressure cleaners, single-lance operation																										
	HD 13/12-4 ST	1.524-950.2	3	650-1300	30-120/3-12	■	-	■	-	■	□	-	-	□	■	□	-	□	-	□	■	■	■	■	■	■
	HD 9/18-4 ST	1.524-950.2	3	460-900	40-180/4-18	■	-	■	-	■	□	-	-	□	■	□	-	□	-	□	■	■	■	■	■	■
	HD 7/16-4 ST	1.524-950.2	3	300-700	30-160/3-16	■	-	■	-	■	□	-	-	□	■	□	-	□	-	□	■	■	■	■	■	■

■ Included in the scope of supply. □ Configurable.

car wash



EVEN MORE CLEANLINESS: KÄRCHER ORIGINAL ACCESSORIES



1 EASY!Force high-pressure gun
At last, work is less tiring: our new EASY!Force HP trigger gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero. A full ceramic valve is also used in the Advanced version, which enables up to 5 times longer lifetime compared with other high-pressure guns.

2 Servo Control
The water volume and working pressure can be controlled infinitely with Servo Control and comfortably directly at the spray gun without interrupting the work.

3 Façade, solar panel, window and floor cleaning accessories
Flexible, comfortable and thorough: using a combination of brushes, telescopic lances, attachments and adapters, you can clean façades, glass surfaces, solar panels and floors with clean water at medium or high pressure at a variety of heights. The attachments for the rotating roller brush 500 are flexible and can be changed, ensuring our high-pressure washer can be used for an even wider range of different applications.

4 LED nozzle light
Bright, lightweight LED work light for direct assembly on spray lance of the EASY!Force high-pressure gun. Better visibility for up to 5 working hours in unfavourable light conditions.

Kärcher original accessories and cleaning agents extend the area of application of the high-pressure cleaner – from cleaning and maintenance of construction machines and work preparation through to the restoration of facades and floors. We are constantly developing our accessories in order to meet your high requirements at any given time. The result is innovative products that optimally assist you in your daily cleaning tasks.



5 Ergonomic spray lance handle
Brings unexpected operating comfort and allows additional gripping options for pleasant and changing working postures: ergonomic spray lance handle as optional accessory for our high-pressure lances in the EASY!Lock range. Perfect for vehicle washes, floor and surface cleaning or facade cleaning with long lances.

6 PowerControl spray lance
For infinitely variable, uninterrupted pressure regulation directly at the spray lance without reducing the water volume. In low-pressure operation it is also possible to add cleaning agent. The ideal add-on for machines without Servo Control.

7 FRV surface cleaners
For surface cleaning without spray water and water vacuuming in one step, without any annoying rinsing. For particularly high area performances now also available in 500 mm working width, as well as in a hot water resistant stainless steel version (FRV 50 Me).

8 New cup foam lance
For innovative foam cleaning: the further development of the popular cup foam lance impresses with additional setting of the spray angle, accurate cleaning agent dosing unit and resistant main body made of nickel-plated Ecobrass. Available in 3 versions, for machines with and without Servo Control.

FULL POWER BACKED BY A SYSTEM

The benefits are impressive: faster and better cleaning with less energy consumption and lower waste water pollution. Kärcher cleaning and care agents deliver brilliant performance in industry, trade and the food sector. High-pressure cleaners and cleaning agents perfectly balanced.

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 and for safe use in hot water high-pressure cleaners.

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 machine tank stays clean and free from microbial load as a result of cleaning agent residue.

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 (PressurePro Machine Protector Advance 1 RM 110) and corrosion (PressurePro Machine Protector Advance 2 RM 111). Integrated maintenance components ensure constant maximum high-pressure cleaner power and extend the total product life.



Temperature



Pressure



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 limescale in the machine and on the cleaned surface. Success: performance and cleaning results are perfect, and the service life of the device is extended.

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.

KÄRCHER

makes a difference

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