

Hot water high-pressure cleaners
with electric motor

 **KÄRCHER**

Cleaning with hot water for faster, more thorough
and hygienic results



Outstanding versatility

Kärcher invented the high-pressure cleaner in 1950 and applied for the European patent. Today, there are hardly any cleaning problems that cannot be solved with a Kärcher high-pressure cleaner: From large surface areas to stubborn stains and awkward corners that cannot be reached with other methods – you can clean just about anything with Kärcher high-pressure cleaners.



Check here for more information:

Kärcher technical know-how P. 4/5
Kärcher power categories P. 6/7
Compact class P. 8/9
Medium class / Eco line P. 10-12
Super class P. 13/14
Special-purpose class P. 15

Kärcher special accessories P. 16-20
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Hot water high-pressure cleaners



Cleaning and care of vehicles

The usefulness of Kärcher high-pressure cleaners in vehicle washing is much appreciated by automotive workshops, car dealers and haulage contractors.



Agriculture and dairy industry

Cow houses, yards and machines – the versatility of our high-pressure cleaners is a real boon in all these areas.



Construction industry

In all those places where thick and stubborn dirt has to be tackled or sites have to be prepared: Kärcher high-pressure cleaners are simply indispensable on construction sites.



Municipalities

From the local park to the community centre – Kärcher high-pressure cleaners take care of cleanliness in public facilities and buildings.



Building maintenance

Kärcher machines provide professional assistance when it comes to repairing or maintaining facades and outdoor areas.



Areas where strict hygienic conditions are a must

Professional sanitary and kitchen areas are ruled by stringent hygiene regulations – Kärcher high-pressure cleaners as well as our cleaning and disinfecting agents are tailor-made for these jobs.



More than 50 years of expertise in high-pressure cleaning



Advanced nozzle technology

You have a choice of different nozzles at Kärcher:



High-pressure fan jet
for large area coverage.



High-pressure pencil jet
for real cleaning power.



Dirt Blaster
Rotating pencil jet for large area cleaning power.

At Kärcher, time-proven technology and innovative developments ensure **optimum impact pressure**:

- Constant cleaning power over entire working width
- Reduced water and detergent consumption
- Dirt Blaster for high cleaning power and large area coverage
- Power nozzle for up to 40% higher impact pressure.



Dirt Blaster
Rotating pencil jet with big area performance.

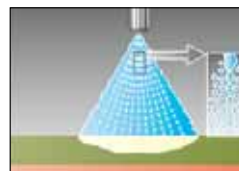


Power nozzle
With up to 40% higher impact pressure thanks to concentrated, sharp-edged jet consisting of large, coherent droplets.

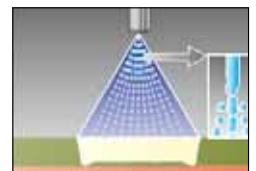
Pencil jet Fan jet Dirt Blaster



The Dirt Blaster **combines** the high power of the solid pencil jet with the large area coverage of the fan jet.



Conventional nozzle



Power nozzle

Burner technology proven over 50 years – trendsetter in environmental protection and efficient design



High-performance burner with upright heating coil for continuous supply of hot water.

Innovative developments from the very beginning: Company founder Alfred Kärcher developed hot-water high-pressure cleaners back in 1950 for which he applied for a European patent. This outstanding engineering achievement is still successful today, it has conquered the market with its good emission values and efficiency.

Convincing benefits:

- Burner with **dual heating coil**, providing excellent heating performance in a compact design.
- Optimised, weight-reduced construction.
- **Double wall**: The air between the two walls provides insulation as well as oxygen for the combustion process.
- The **upright construction** with downward flame ensures very even heat distribution (no hot spots) so there is **hardly any condensate or corrosion**.
- **Low-emission** and environment-friendly: Fuel is burned almost completely, the emission values remain below the statutory limits. The use of biological diesel fuel is no problem.
- Burner has **turbo blower** for continuous detonation-free ignition.
- Easy accessibility without special tools **reduces time required to clean the boiler**.
- **Steam mode**: Water flow rate is reduced to raise temperature up to 155°C.

Longlife pump technology



- Low weight and compact design due to **3-piston axial pump** with ceramic pistons.
- **Brass cylinder heads** and **stainless-steel valves** make the pumps highly resistant to detergents.
- Low power consumption on water-cooled electric motors thanks to unique drive centre in which **heat from the motor is utilized**.
- **new Soft damping system (SDS)** reduces pulsations in the machine's high-pressure system and thus increases the service life of all high-pressure components.

User-friendly controls



Practical details and **ergonomic designs** make working with a Kärcher high-pressure cleaner easy, safe and efficient:

- **Easy Press**: Ergonomically shaped trigger gun for reduced operating and holding effort.
- Innovative screw or push-on systems for trigger gun, hose and machine to prevent seizing or scaling-up.
- Twist-free hoses thanks to pivot mounting (**AVS**).
- Comprehensive line of special accessories for wide range of applications.
- **Servo Control**, the simple pressure/flow rate control:
 - Flow volume can be reduced to 240 l/h
 - Convenient operation directly on the spray lance
 - Entire pressure/flow rate adjustment range covered by 120° turn

Comprehensive cleaning expertise

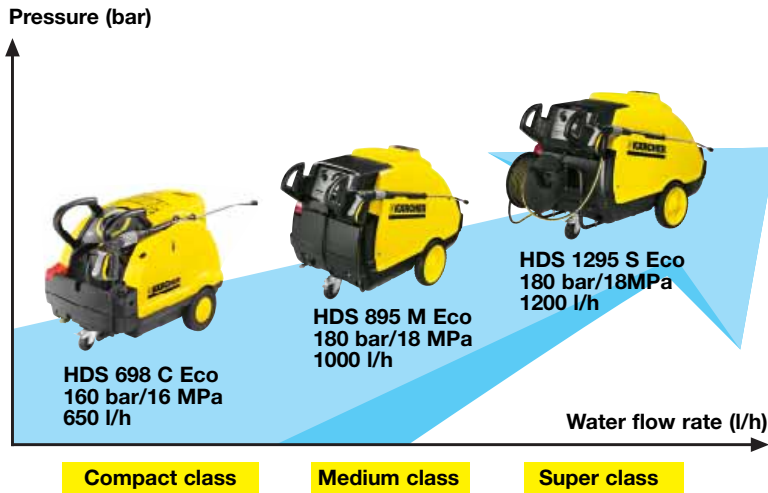
Kärcher – that means “Simply clean”. An extensive range of machine-matched accessories and specially formulated cleaning agents are simply a constituent part of our solutions to cleaning problems. Kärcher supplies machines, accessories and cleaning agents to suit specific problems and areas of application.



Kärcher hard surface cleaner

With rotating power nozzle beam for up to 10 times greater area coverage

Kärcher power categories at a glance:



The overall performance of a high-pressure cleaner is defined by two factors: the pressure produced (bar) and the quantity of water delivered per hour (l/h)



These versions are available off the shelf:

In addition to the standard models, Kärcher offers a number of models with an extended level of equipment:



Compact class

CSX versions:
These machines feature an integral hose reel with a 15-metre high-pressure hose.



Medium and Super class (Eco Line)

MX / SX versions:
These machines feature a unit-mounted hose reel with a 20-metre high-pressure hose.



Compact class / Eco Line

Compact, user-friendly and innovative.

The compact class of hot water high-pressure cleaners provides innovative technology for outstanding customer benefits: Single knob control, chassis with integrated tanks and (on the CSX units) an integrated high-pressure hose reel.



Take a look at the Kärcher compact class.

→ Page 8/9

Medium class / Eco Line

Consistently designed for performance.

The new generation of medium-duty units combines innovative technology with maximum convenience. It guarantees excellent economy and a long service life even under difficult operating conditions. These units continue the success story of high-pressure cleaners from Kärcher, the world market leader.



You'll find the right machine in the Kärcher medium class.

→ Page 10-12

Super class / Eco Line and HDS 2000 Super

Top-of-the-line units for continuous-duty operation.

In addition to the innovative technology and convenience of operation of the medium class, our super class units feature even more power and are rated for operation with two spray lances.



You need a machine from the Kärcher super class.

→ Page 13/14

Special-purpose class

Unusual cleaning sites and conditions require special-purpose units.

An emission-free high-pressure cleaner with an electric heater is required in those areas where exhaust gases are considered an annoyance or are unacceptable.

Self-service washing plants equipped with a versatile special-purpose high-pressure cleaner can offer a prewash and additional services.

You'll find the right unit in the special-purpose class.



→ Page 15

Compact class: Compact, user-friendly and innovative

The compact range of hot-water high-pressure cleaners provides innovative technology for outstanding customer benefits: Single knob control, chassis with integrated tanks and (on the CSX units) an integrated high-pressure hose reel.

Time-proven burner technology

- Dual heating coil: Excellent heating performance in a compact design
- Double wall: The air between the two walls provides insulation, supplies oxygen for combustion process
- Upright construction: Boiler and heating coil are evenly heated; hardly any condensate or corrosion
- Low-emission values: Comply with latest German standard (BimSchV. 11/2004)
- Biological diesel fuel can be used from 10°C upwards



Everything in view:

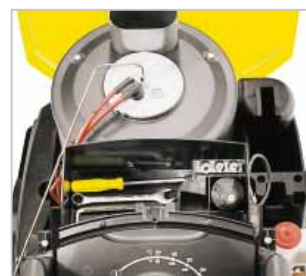
The new, centrally positioned control panel is designed for optimum machine operation:

- All controls can be seen at a glance
- LED indicators show status of the most important machine functions



Stowage compartment:

Gloves, tools and accessories can be safely accommodated under the machine cover.



Bio diesel:

Can be used without restriction from 10°C upwards.



HDS 550 C Eco

- Entry level model
- User friendly single knob control
- Flue gas temperature monitor

HDS 551 C Eco

- User friendly single knob control
- Integral fuel and detergent tanks
- Flue gas temperature monitor

Technical data	
Power supply	Ph/V/Hz
Water flow rate	l/h
Pressure	bar/MPa
Max. temperature	°C
Connected load	kW
Consumption, fuel oil	kg/h
Fuel tank	l
Weight	kg
Dimensions (L x W x H)	mm
Detergent tank	l
Equipment	
Trigger gun	
High-pressure hose	
Spray lance	
Power nozzle	
Soft damping system	
Unit-mounted hose reel	
Order no.	

HDS 550 C Eco	
1/230/50	
500	
120/12	
80	
2.5	
2.7	
16	
84	
940 x 600 x 740	
8	
Extended Easy Press trigger gun	
10 m	
550 mm	
Dual nozzle	
-	
-	
1.272-631	

HDS 551 C Eco	
1/230/50	
550	
140/14	
80	
3.2	
3.0	
16	
84	
940 x 600 x 740	
8	
Extended Easy Press trigger gun	
10 m	
550 mm	
●	
-	
-	
1.169-601	

● Standard accessory ○ Option

The new **Easy Press trigger gun** can be held and operated with greatly reduced effort. Water flow rate and pressure can be infinitely varied by rotating the **Servo Control** on the trigger gun.



Flue gas temperature monitoring: The **flue gas temperature limiter** installed in the outlet switches off the drive motor if the flue gas temperature exceeds 300°C and thus ensures additional operator safety.



Soft damping system (SDS) (yellow high-pressure hose) reduces pulsations in the machine's high-pressure system

- Increases the service life of all high-pressure components.
- Minimises vibrations.



All CSX units have an **integral hose reel** as standard for secure storage of the high-pressure hose. Hose can be simply unwound and rewound after use.



HDS 558 C Eco

- Easy Press trigger gun with soft grip inlay and Servo Control
- Flue gas temperature monitor

HDS 558 C Eco	HDS 558 CSX Eco
1/230/50	1/230/50
290-550	290-550
30-140/3-14	30-140/3-14
155/80	155/80
3.2	3.2
3.0	3.0
16	16
94	96
940 x 600 x 740	940 x 600 x 740
8	8
Easy Press	Easy Press
10 m	15 m
1050 mm	1050 mm
●	●
●	●
-	●
1.170-601	1.170-621

HDS 698 C Eco

- Easy Press trigger gun with soft grip inlay and Servo Control
- Flue gas temperature monitor

HDS 698 C Eco	HDS 698 CSX Eco
3/400/50	3/400/50
300-650	300-650
30-160/3-16	30-160/3-16
155/80	155/80
4.5	4.5
3.7	3.7
16	16
94	96
940 x 600 x 740	1040 x 600 x 740
8	8
Easy Press	Easy Press
10 m	15 m
1050 mm	1050 mm
●	●
●	●
-	●
1.173-601	1.173-621

HDS 798 C Eco

- Easy Press trigger gun with soft grip inlay and Servo Control
- Flue gas temperature monitor

HDS 798 C Eco	HDS 798 CSX Eco
3/400/50	3/400/50
350-750	350-750
30-180/3-18	30-180/3-18
155/80	155/80
5.6	5.6
4.2	4.2
16	16
94	96
940 x 600 x 740	940 x 600 x 740
8	8
Easy Press	Easy Press
10 m	15 m
1050 mm	1050 mm
●	●
●	●
-	●
1.174-601	1.174-621

You will find the extensive range of original Kärcher accessories on pages 18/19. Specially formulated cleaning agents are listed on page 20.

Medium class: Consistently designed for performance

Auto dealers, the building trade, agriculture and municipalities – they all rely on Kärcher's high-performance, superbly equipped high-pressure cleaners. The new generation of medium and heavy-duty machines combines innovative engineering with a maximum of user convenience, economy and a long service life, even under very demanding operating conditions. These units continue the success story of high-pressure cleaners from Kärcher, the world market leader.

Everything in view:

The new, centrally positioned control panel is designed for optimum machine operation:

- All controls can be seen at a glance
- LED indicators show status of the most important machine functions



All units of the Kärcher Eco Line are packed with features for maximum operator convenience and safety:

- Control panel with indicator lamps
- Galvanized and powder-coated chassis
- 4-pole, water-cooled electric motor
- Tanks for detergent, scale inhibitor and fuel can be filled from outside
- Easy Press trigger gun with Servo Control
- Pivoting stainless steel spray lance (1050 mm)
- Power nozzle
- Soft damping system (SDS)
- Fine mesh water filter
- Flue gas temperature limiter
- Longlife hose
- Ceramic pistons
- Pole reversing plug (three-phase)
- Biological diesel fuel can be used from 10°C upwards

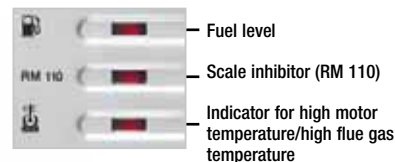


Bio diesel:

Can be used without restriction from 10°C upwards.



HDS 655-4 M Eco
HDS 695-4 M Eco / MX Eco
HDS Super M Eco/MX Eco:



HDS 655-4 M Eco

- Soft damping system (SDS)
- Easy Press trigger gun with soft grip inlay and Servo Control
- Three-piston axial pump with ceramic sleeves, 1400 rpm

Technical data	
Power supply	Ph/V/Hz
Water flow rate	l/h
Pressure	bar/MPa
Max. temperature	°C
Connected load	kW
Consumption, fuel oil	kg/h
Fuel tank	l
Weight	kg
Dimensions (L x W x H)	mm
Detergent tank	l
Equipment	
Trigger gun	
High-pressure hose	
Spray lance	
Power nozzle	
Servo Control	
Unit-mounted hose reel	
Order no.	

HDS 655-4 M Eco	
	1/230/50
	350-700
	30-110/3-11
	155/80
	3.2
	4.3
	25
	130
	1285 x 690 x 835
	20
	Easy Press
	10 m, Longlife
	1050 mm
	●
	●
	-
	1.026-303

● Standard accessory ○ Option

3 **2** **1** **4** **5**

European Made by KÄRCHER Patents

More power, speed and efficiency: The Kärcher power nozzle increases impact pressure by 40%.

Power nozzle

User convenience

- 1 Servo Control:** Precise infinitely variable adjustment of pressure and water flow rate during operation: the total adjustment range is covered with a 90° turn.
- 2 Ergonomically shaped Easy Press trigger gun** reduces holding and trigger-squeezing effort.
- 3 Trigger gun with soft grip inlay** is pleasant to hold.
- 4 AVS:** Rotary coupling for non-twist hoses.

5 Wide radius of action: The 1050 mm angled spray lance has a long reach for getting into awkward corners without splashback. It can be rotated even under pressure.

Closed handle mouldings help prevent dirt accumulating and ensure optimum thermal insulation.

Hose reel (MX/SX versions): The 20-metre longlife high-pressure hose can be conveniently unwound and rewound on the hose reel to provide plenty of reach.



HDS 695-4 M Eco

- Soft damping system (SDS)
- Easy Press trigger gun with soft grip inlay and Servo Control
- Three-piston axial pump with ceramic sleeves, 1400 rpm

HDS 695-4 M Eco	HDS 695-4 MX Eco
3/400/50	3/400/50
400-800	400-800
30-150/3-15	30-150/3-15
155/80	155/80
6.4	6.4
5.2	5.2
25	25
117	127
1285 x 690 x 835	1485 x 690 x 835
20	20
Easy Press	Easy Press
10 m, Longlife	20 m, Longlife
1050 mm	1050 mm
●	●
●	●
-	●
1.025-315	1.025-316

HDS Super M Eco

- Soft damping system (SDS)
- Easy Press trigger gun with soft grip inlay and Servo Control
- Three-piston axial pump with ceramic-coated pistons

HDS Super M Eco	HDS Super MX Eco
3/400/50	3/400/50
400-900	400-900
30-180/3-18	30-180/3-18
155/80	155/80
6.4	6.4
5	5
25	25
120	130
1285 x 690 x 835	1485 x 690 x 835
20	20
Easy Press	Easy Press
10 m, Longlife	20 m, Longlife
1050 mm	1050 mm
●	●
●	●
-	●
1.025-345	1.025-364

You will find the extensive range of original Kärcher accessories on pages 18/19. Specially formulated cleaning agents are listed on page 20.

Medium class: Low emissions and environment friendly

Rugged and heat-resistant:

The machine cover has a stainless-steel flue outlet which protects the unit against sooting and high flue gas temperatures.



Low fuel cut-out:

The unit shuts down automatically when the tank is empty. No risk of residual oil igniting unintentionally.

Systematic protection:

All units are equipped with the following safety features:

- Motor protection switch against overload
- Pole reversing plug for correcting the motor's direction of rotation
- 24 V safety voltage



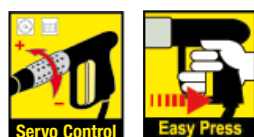
Flue gas monitoring:

The flue gas temperature limiter switches off the motor when the temperature exceeds 300°C – an added safety feature.



Direct access:

- All connections (water, power and high pressure) in central position.
- The tanks for detergent, scale inhibitor and fuel can be filled from outside without opening the machine cover.
- Machine cover simply swings open for servicing.

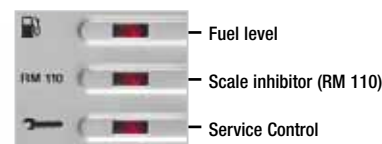


Bio diesel:

Can be used without restriction from 10°C upwards.



HDS 995-4 M Eco / MX Eco:



The service control system keeps a constant check on all operating data and indicates duty-related maintenance intervals and possible faults, in the form of a code, on the separate LED display, including motor overheating, low water cut-out, burner fault, leakage, high flue gas temperatures, pump safety cut-out.



HDS 895-4 M Eco

- Soft damping system (SDS)
- Easy Press trigger gun with soft grip inlay and Servo Control
- Three-piston axial pump with ceramic sleeves

HDS 995-4 M Eco

- Soft damping system (SDS)
- Electronic service control with LED display for maintenance and faults
- Easy Press trigger gun with soft grip inlay and Servo Control

Technical data	
Power supply	Ph/V/Hz
Water flow rate	l/h
Pressure	bar/MPa
Max. temperature	°C
Connected load	kW
Consumption, fuel oil	kg/h
Fuel tank	l
Weight	kg
Dimensions (L x W x H)	mm
Detergent tank	l
Equipment	
Trigger gun	
High-pressure hose	
Spray lance	
Power nozzle	
Servo Control	
Unit-mounted hose reel	
Order no.	

	HDS 895-4 M Eco	HDS 895-4 MX Eco
Power supply	3/400/50	3/400/50
Water flow rate	470-1000	470-1000
Pressure	30-180/3-18	30-180/3-18
Max. temperature	155/80	155/80
Connected load	6.8	6.8
Consumption, fuel oil	6.9	6.9
Fuel tank	25	25
Weight	133	141
Dimensions (L x W x H)	1285 x 690 x 835	1485 x 690 x 835
Detergent tank	20	20
Trigger gun	Easy Press	Easy Press
High-pressure hose	10 m, Longlife	20 m, Longlife
Spray lance	1050 mm	1050 mm
Power nozzle	●	●
Servo Control	●	●
Unit-mounted hose reel	-	●
Order no.	1.027-315	1.027-323

	HDS 995-4 M Eco	HDS 995-4 MX Eco
Power supply	3/400/50	3/400/50
Water flow rate	470-1000	470-1000
Pressure	30-180/3-18	30-180/3-18
Max. temperature	155/80	155/80
Connected load	6.8	6.8
Consumption, fuel oil	6.9	6.9
Fuel tank	25	25
Weight	133	141
Dimensions (L x W x H)	1285 x 690 x 835	1485 x 690 x 835
Detergent tank	20	20
Trigger gun	Easy Press	Easy Press
High-pressure hose	10 m, Longlife	20 m, Longlife
Spray lance	1050 mm	1050 mm
Power nozzle	●	●
Servo Control	●	●
Unit-mounted hose reel	-	●
Order no.	1.027-343	1.027-346

● Standard accessory ○ Option

Super class: Emphasis on convenience and safety

Prevention through filtration:

The **fine-mesh water filter** upstream of the float tank

- traps suspended particles
- protects the high-pressure pump from impurities
- lengthens its service life
- is easy to clean



Reduces vibrations:

Soft damping system (SDS)

(yellow high-pressure hose) reduces pulsations in the machine's high-pressure system

- Increases the service life of all high-pressure components (e.g. heating coil)
- Minimises vibrations



Compact and powerful:

- **Three-piston axial pump** with ceramic pistons guarantees long service life
- Water-cooled 4-pole low-speed motor drives the high-pressure fuel pump and fan on a common shaft

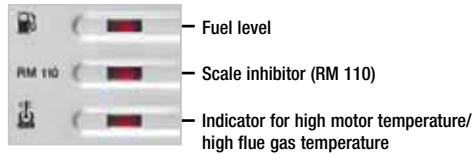


Time-proven burner technology:

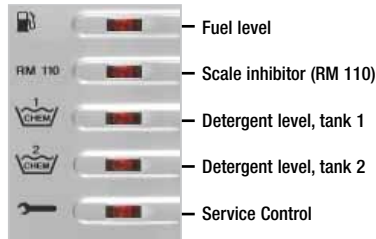
- Double heating coil: High heating performance in a compact design
- Double wall: The air between the two walls provides insulation as well as oxygen for the combustion process
- Upright construction: Boiler and heating coil provide even heat distribution, there is hardly any condensation or corrosion
- Low-emission values: Comply with latest German standard (BimSchV. 11/2004)
- Biological diesel fuel can be used from 10°C upwards



HDS 895-4 M Eco / MX Eco
HDS 1195-4 S Eco / SX Eco:



HDS 1295-4 S Eco / SX Eco:



HDS 1195-4 S Eco

- Soft damping system (SDS)
- Easy Press trigger gun with soft grip inlay and Servo Control
- Three-piston axial pump with ceramic sleeves

HDS 1295-4 S Eco

- Soft damping system (SDS)
- Electronic service control with LED display for maintenance and faults
- Easy Press trigger gun with soft grip inlay and Servo Control

HDS 1195-4 S Eco	HDS 1195-4 SX Eco
3/400/50	3/400/50
600-1200	600-1200
30-180/3-18	30-180/3-18
155/80	155/80
8.2	8.2
8.3	8.3
25	25
155	163
1298 x 690 x 835	1500 x 690 x 835
20 + 17	20 + 17
Easy Press	Easy Press
10 m, Longlife	20 m, Longlife
1050 mm	1050 mm
●	●
●	●
-	●
1.028-337	1.028-353

HDS 1295-4 S Eco	HDS 1295-4 SX Eco
3/400/50	3/400/50
600-1200	600-1200
30-180/3-18	30-180/3-18
155/80	155/80
8.2	8.2
8.3	8.3
25	25
155	163
1298 x 690 x 835	1500 x 690 x 835
20 + 17	20 + 17
Easy Press	Easy Press
10 m, Longlife	20 m, Longlife
1050 mm	1050 mm
●	●
●	●
-	●
1.028-307	1.028-323

You will find the extensive range of original Kärcher accessories on pages 18/19. Specially formulated cleaning agents are listed on page 20.

Super class: For continuous-duty operation

Rated for maximum cleaning performance and equipped to provide excellent user convenience. It offers advanced, robust technology for two-lance operation. This unit is used in all those areas where stationary systems are normally used, e.g. in the automotive industry, agriculture, construction industry, haulage contractors.

Two powerful drive motors.
Second motor with delayed start.



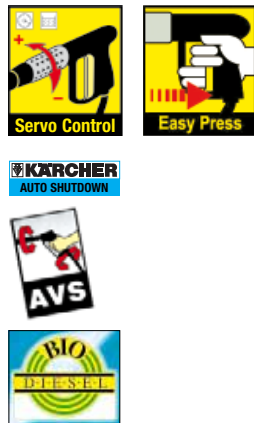
LED fault display helps reduce servicing times. Electronic service control monitors the following operating data: Low water level, leakage, exhaust gas temperature, flame monitor and motor overheating.



Hose reel for 30 m high-pressure hose. Swings to automatically follow direction in which high-pressure hose is pulled. Hose guide ensures hose rewinds properly.



Remote detergent feed control:
On/off directly on trigger gun. Detergent feed controlled by pressure pulse from trigger gun. The two detergent tanks are equipped with a level monitor. The new **Easy Press trigger gun** can be held and operated with greatly reduced effort. Water flow rate and pressure can be infinitely varied by rotating the **Servo Controller** on the trigger gun.



Bio diesel:
Can be used without restriction from 10°C upwards.

HDS 2000 Super

- Alternative to stationary units, with flame monitor
- Electronic service control
- 2 pump units with ceramic sleeves and 2 electric motors with electronic changeover

Technical data	
Power supply	Ph/V/Hz
Water flow rate	l/h
Pressure	bar/MPa
Max. temperature ¹⁾	°C (feed 12°C)
Connected load	kW
Consumption, fuel oil	kg/h
Fuel tank	l
Weight	kg
Dimensions (L x W x H)	mm
Detergent tank	l
Equipment	
Trigger gun	
High-pressure hose	
Spray lance	
Power nozzle	
Servo Control	
Unit-mounted hose reel	
Order no.	

HDS 2000 Super	
3/400/50	
800-1850	
30-180/3-18	
140/80	
13.4	
11.8	
25	
280	
1500 x 834 x 1015	
25 + 25	
Easy Press	
15 m, Longlife	
1050 mm	
●	
●	
-	
1.071-111	

● Standard accessory ○ Option ¹⁾ Boiler: 80°C also for short periods at 750 l/h

Special purpose class

Hot water high-pressure cleaner

The electrically heated HDS 801 E is used primarily in areas where emission-free operation is a must, i.e. in washrooms, hospitals, industrial kitchens or swimming pools.

The SB-HDS 695 is particularly suitable for use as a prewash unit or for offering customers an additional service. The system consists of a full-fledged hot water high-pressure cleaner, which has been equipped with a removable self-service panel and an electronic control that can be set up for self-service operation.

The separate high-speed heating chamber and hot water tank ensure rapid availability of hot spray water. The **mixer valve** on the **control panel** mixes hot water with the cold water from the float tank.

All stainless-steel boiler with high-speed heating chamber and integral heating element. Operating parameters are monitored automatically.

Two detergent tanks: Easy changeover from detergent tank I to detergent tank II which have capacities of 25 and 20 litres respectively



Self-service panel: Customer choices are restricted as far as the detergent feed rate and temperature control are concerned (30-70 °C, detergent strength max. 1%).

Adjustment of washing time: In the self-service mode, the washing time bought can be set between 2 and 10 minutes. A counter records the number of customers.

Coin acceptor: Takes tokens or 1 € coins.



HDS 801-4 E

- Electric heater for zero emissions
- Heater: 12 kW/24 kW
- Service control with LED display
- Galvanized and powder-coated chassis
- Three-piston axial pump with stainless steel pistons
- Trigger gun with soft grip inlay
- Stainless steel spray lance (1050 mm)
- Power nozzle

SB-HDS 695

- With coin-op equipment
- Changeover from "normal" to coin-op mode
- Limited detergent feed and temperature control in coin-op mode
- Steam mode
- Three-piston axial pump with ceramic sleeves
- Trigger gun with soft grip
- Pivoting stainless steel spray lance (1050 mm)
- Longlife high-pressure hose (10 m)
- Pole reversing plug (three-phase)
- Power nozzle

HDS 801-4 E 12 kW	HDS 801-4 E 24 kW
3/400/50	3/400/50
300-750	300-750
30-150/3-15	30-150/3-15
80/35	80/45
5.6 + 12/24	5.6 + 12/24
-	-
-	-
100	100
1285 x 690 x 835	1285 x 690 x 835
25	20
10	10
1.030-131	1.030-111

SB-HDS 695
3/400/50
380-800
30-150/3-15 (30-80/3-8 in coin-op mode)
140/180
6
4.3
25
117
1285 x 690 x 835
20
10
1.025-901

¹⁾ Boiler: 80°C also for short periods at 750 l/h

Kärcher special accessories for greater versatility

With original Kärcher accessories and cleaning agents you extend the range of applications of your high-pressure cleaner – from pipe cleaning to vehicle washing. Kärcher cleaning agents are not only exceptionally thorough, but also very environment friendly. They are developed in our laboratories.





Longlife high-pressure hoses

Longlife hoses feature stainless steel couplings and steel braiding. Ergonomic screw unions and joints help avoid seizing and scaling up. They can also be rotated through 360° without twisting.



Foam nozzles and Foam Sets

The new Inno/Easy-Foam system for economical cleaning and disinfection enhances the cleaning performance of every mobile and stationary HDS unit. Both foam systems are available with a precision 0-5% metering valve and come ready to use.



Vehicle washing

Kärcher high-pressure cleaners are the perfect mobile "car washing plant": Equipped with our push-on washing brushes, you can also clean sensitive surfaces without difficulty. Fine dust and traffic film are removed quickly and efficiently.



Kärcher Dirt Blaster

This rotary nozzle perfectly combines the high area coverage of the fan jet with the power of the solid pencil jet to provide exceptional cleaning efficiency on larger areas.



Facade cleaning

Sandstone, granite or hardwood: Kärcher has the right abrasive for every type of facade – with grain sizes from 0.04 to 1.4 mm.



Optimised results

By using Kärcher cleaning agents and care products you can optimise cleaning results and reduce temperature, pressure and time at the same time.



Disinfection

Highly effective active cleaners and DGHM* listed disinfectants guarantee microbacterial cleanliness in all those areas where high standards of hygiene are a must, i.e. in food production and washrooms.



Hot water resistant cleaning agents

Special ingredients in some of our active cleaners enable them to be used even in the steam mode (up to 130°C) without detrimentally affecting either the machine or the heater coil.

* = German Society for Hygiene and Microbiology

Floor and hard surface cleaning

Kärcher has developed special hard surface cleaners for indoor and outdoor floors and walls, which make cleaning particularly economical – with up to 10 times more area coverage.



Cleaning agents

Food processing and sanitary areas



	Size of pack	Order No.
Active cleaner, acid (concentrate) (RM 25) High-pressure deep-cleaning agent for sanitary areas. Effectively removes deposits and coatings of limescale, rust, beer stone and milk stone, grease and albuminous stains.	10 l	6.294-392
	30 kg	6.394-393
Active cleaner, alkaline (concentrate) (RM 31) High-pressure deep-cleaning agent with excellent wetting properties. Cleans at all temperatures. Removes oil/grease, tar, soot and smoke resin. Contains no solvents or phosphates.	10 l	6.294-394
	20 l	6.294-395
	30 kg	6.294-397
	200 kg	6.294-396
Foam cleaner, alkaline (RM 58) Reliably removes grease, oil and albuminous stains as well as food residue on tiles and containers. Long dwell periods, even on vertical surfaces.	20 l	6.294-704
Foam cleaner, acid (RM 59) Removes deposits and coatings of limescale, rust, grease, albumin, beer stone, milk stone from tiles and tanks. Long dwell periods, even on vertical surfaces. Also ideal for swimming pools.	20 l	6.294-710
Disinfecting cleaner (RM 732) With bactericidal, fungicidal and limited virucidal properties (e.g. hepatitis B). Can be used manually or with floor maintenance machines. DGHM and DVG listed*.	10 l	6.291-382
Disinfecting cleaner (RM 735) Neutral disinfectant with good surface-protecting properties. With bactericidal, fungicidal and limited virucidal properties (e.g. hepatitis B). Can be used manually. DGHM and DVG listed*.	10 l	6.291-384

* DGHM = German Society for Hygiene and Microbiology DGV = German Society of Veterinary Surgeons.

Vehicle maintenance and care



Wheel cleaner (RM 44) This highly effective cleaning gel is gentle on the material, removes brake dust, rubber dust, winter salt deposits. Provides long-term effect.	500 ml	6.293-900
	10 l	6.291-442
Hot wax, liquid (RM 41) Natural carnauba wax-based high sheen, laboratory tested long-term preservative. Offers complete protection against weather with long-term shine, and contains inhibitors that delay re-soiling. Can be used cold and is not detrimentally affected by water quality. Also suitable for preserving parts	10 l	6.294-468
	20 l	6.294-469
Shampoo powder, alkaline (RM 22) Very good degreasing properties. Removes oil, grease and traffic grime and ensures maximum paintwork care. Can be used at all temperatures. Very suitable for engine cleaning and vehicle washing.	220 kg	6.291-220
Active wash, alkaline, liquid (RM 81) For heavy oil, grease and mineral stains. Offers good paintwork care. Very good for vehicle washing and engine cleaning. RM 81 is used primarily with hot water units.	10 l	6.294-411
	20 l	6.294-412
	30 kg	6.294-402
	200 kg	6.294-413
Spray wax (RM 821) Liquid wax gives vehicles a shine and long-term protection, water runs off in beads. Not affected by the water quality, dries spotlessly. Contains no mineral oils or mineral hydrocarbons.	25 l	6.294-468
	200 l	6.294-469

Maintenance of buildings and facades



Universal cleaner (RM 55) Liquid concentrate cleans and maintains the surface. Effective against stubborn oil, grease and traffic stains. Fast oil/water separation with good dirt-transporting properties.	10 l	6.294-405
	30 kg	6.294-406
	200 kg	6.294-407
Intensive deep cleaner (RM 750) High yield product, removes stubborn grease, oil and soot stains as well as wax and polymer coatings. Contains no phosphates or hydrocarbons, pleasant odour.	10 l	6.291-370
Abrasive, coarse Granulated furnace slag with a grain size of 0.25–1.4 mm. For removing coarse deposits from steel, granite, pophyry, aerated concrete and pebble-dashed concrete. Also ideal for removing rust and paint.	50 kg	6.280-101
Abrasive, fine Granulated furnace slag with a grain size of 0.2–0.8 mm. For brick, sandstone, terrazzo, steel, bronze, hardwood or concrete. Also ideal for removing rust and paint.	50 kg	6.280-102

Machine maintenance



Shampoo powder, alkaline (RM 22) Very good degreasing properties. Removes oil, grease and traffic grime and ensures maximum paintwork care. Can be used at all temperatures. Very suitable for engine cleaning and vehicle washing.	220 kg	6.291-220
Active cleaner, alkaline (concentrate) (RM 31) High-pressure deep-cleaning agent with excellent wetting properties. Cleans at all temperatures. Removes oil/grease, tar, soot and smoke resin. Contains no solvents or phosphates.	10 l	6.294-394
	20 l	6.294-395
	30 kg	6.294-397
	200 kg	6.294-396
Hot wax, liquid (RM 41) Natural carnauba wax-based, high sheen, laboratory tested long-term preservative. Offers complete protection against weather with long-term shine, and contains inhibitors that delay re-soiling. Can be used cold and is not detrimentally affected by water quality. Also suitable for preserving parts.	10 l	6.294-468
	20 l	6.294-469
Universal cleaner (RM 55) Liquid concentrate, cleans and maintains the surface. Effective against stubborn oil, grease and traffic stains. Fast oil/water separation with good dirt-transporting property.	10 l	6.294-405
	30 kg	6.294-406
	200 kg	6.294-407
Active wash, alkaline, liquid (RM 81) For heavy oil, grease and mineral stains. Offers good paintwork care. Very good for vehicle washing and engine cleaning. RM 81 is used primarily with hot water units.	10 l	6.294-411
	20 l	6.294-412
	30 kg	6.294-402
	200 kg	6.294-413
Spray wax (RM 821) Liquid wax, gives vehicles a shine and long-term protection, water runs off in beads. Not affected by the water quality, dries spotlessly. Contains no mineral oils or mineral hydrocarbons.	25 l	6.294-468
	200 l	6.294-469

High pressure – everywhere, at any time

Professional high-pressure cleaning is indispensable for the maintenance and care of machinery, tools, indoor facilities, outdoor areas and vehicle fleets in industry and the trades. Stationary systems with fixed take-off points offer advantages whenever it is necessary to provide high cleaning power at different predetermined locations.



Simply clean – the Kärcher product world

Our aim is to offer you the perfect solution to any cleaning problem. For this reason our product portfolio includes everything you need when it comes to cleaning:



Wet and dry vacuums



Steam cleaners/spray extraction cleaners

You can rely on us:



High quality standards

The main performance data and functions of every unit are tested at the end of the assembly line. Finished products are regularly taken off the assembly line and endurance tested in a program that simulates day to day operation.



User benefits

Every Kärcher high-pressure cleaner offers exceptional cleaning power, user convenience and service life in its specific power category. Kärcher units retain their value.



Always nearby

There are currently more than 36.000 Kärcher sales outlets worldwide that offer customers expert advice, original Kärcher spare parts, fluids, lubricants and accessories as well as professional servicing facilities.



Environment

Our central production and distribution location in Winnenden has received certification in accordance with the strict EN ISO 14001 standard. This means that all processes in research and development, production and distribution comply with the highest standards of environmental management.



Cleaning expertise

The responsibility we feel vis-à-vis a clean and intact environment is reflected in a large number of social and cultural projects: For example, we help restore and maintain important historic monuments all over the world.



Complete cleaning concepts

Kärcher is the world's largest manufacturer of high-pressure cleaners. For decades our name has stood for outstanding quality in terms of engineering, economy and user friendliness. Kärcher not only supplies optimised products, but also intelligent cleaning concepts.

Scrubber driers



Sweepers and vacuum sweepers



Cleaning equipment for private users



Complete range of cleaning agents



Hot water high-pressure cleaners with electric motor



Range	Model	Order No.	Water flow rate (l/h)	Pressure (bar/MPa)	Op. temp. (max °C)	Weight (kg)	Power supply (Ph/V/H)	Connected load (kW)	Dimensions (LxWxH)
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Compact class / Eco Line

HDS 550 C Eco	1.272-631	500	120/12	80	84	1/230/50	2.5	940 x 600 x 740
HDS 551 C Eco	1.169-601	550	140/14	80	84	1/230/50	3.2	940 x 600 x 740
HDS 558 C Eco	1.170-601	290-550	30-140/3-14	155/80	94	1/230/50	3.2	940 x 600 x 740
HDS 558 CSX Eco	1.170-621	290-550	30-140/3-14	155/80	96	1/230/50	3.2	940 x 600 x 740
HDS 698 C Eco	1.173-601	300-650	30-160/3-16	155/80	94	3/400/50	4.5	940 x 600 x 740
HDS 698 CSX Eco	1.173-621	300-650	30-160/3-16	155/80	96	3/400/50	4.5	940 x 600 x 740
HDS 798 C Eco	1.174-601	350-750	30-180/3-18	155/80	94	3/400/50	5.6	940 x 600 x 740
HDS 798 CSX Eco	1.174-621	350-750	30-180/3-18	155/80	96	3/400/50	5.6	940 x 600 x 740



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Medium class / Eco Line

HDS 655-4 M Eco	1.026-303	350-700	30-110/3-11	155/80	130	1/230/50	3.2	1285 x 690 x 835
HDS 695-4 M Eco	1.025-315	400-800	30-170/3-17	155/80	117	3/400/50	5.8	1285 x 690 x 835
HDS 695-4 MX Eco	1.025-316	400-800	30-170/3-17	155/80	127	3/400/50	5.8	1485 x 690 x 835
HDS Super M Eco	1.025-345	400-900	30-180/3-18	155/80	120	3/400/50	6.4	1285 x 690 x 835
HDS Super MX Eco	1.025-364	400-900	30-180/3-18	155/80	130	3/400/50	6.4	1485 x 690 x 835
HDS 895-4 M Eco	1.027-315	470-1000	30-180/3-18	155/80	133	3/400/50	6.8	1285 x 690 x 835
HDS 895-4 MX Eco	1.027-323	470-1000	30-180/3-18	155/80	141	3/400/50	6.8	1485 x 690 x 835
HDS 995-4 M Eco	1.027-343	470-1000	30-180/3-18	155/80	133	3/400/50	6.8	1285 x 690 x 835
HDS 995-4 MX Eco	1.027-346	470-1000	30-180/3-18	155/80	141	3/400/50	6.8	1485 x 690 x 835



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Super class / Eco Line and HDS 2000 Super

HDS 1195-4 S Eco	1.028-337	600-1200	30-180/3-18	155/80	155	3/400/50	8.2	1285 x 690 x 835
HDS 1195-4 SX Eco	1.028-353	600-1200	30-180/3-18	155/80	163	3/400/50	8.2	1500 x 690 x 835
HDS 1295-4 S Eco	1.028-307	600-1200	30-180/3-18	155/80	155	3/400/50	8.2	1285 x 690 x 835
HDS 1295-4 SX Eco	1.028-323	600-1200	30-180/3-18	155/80	163	3/400/50	8.2	1500 x 690 x 835
HDS 2000 Super	1.071-111	800-1850	30-180/3-18	140/80	280	3/400/50	13.4	1500 x 834 x 1015



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Special-purpose class

HDS 801-4 E 12KW	1.030-131	300-750	30-150/3-15	80/30	100	3/400/50	5.6 + 12	1285 x 690 x 835
HDS 801-4 E 24KW	1.030-111	300-750	30-150/3-15	80/45	100	3/400/50	5.6 + 24	1285 x 690 x 835
SB-HDS 695	1.025-901	380-800	30-150/3-15	140/80/701	117	3/400/50	6	1285 x 690 x 835



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¹⁾ Self-service mode

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