

Hot water super class

## HDS 13/20-4 S \*AU



makes a difference

Our new medium and super class hot water high-pressure cleaners not only do a first-class job of cleaning, they are also extremely rugged and simple to operate. The new ECO mode, unique to Kärcher, makes them truly unbeatable. When the machine is set to this mode it operates automatically in the most economical temperature range. This not only saves running costs, it is also good for the environment.

### Standard accessories:

- Trigger gun Easy Press
- Trigger gun with soft grip
- High-pressure hose 10 m Longlife
- Spray lance 1050 mm
- Power nozzle
- Servo-Control
- Anti-twist system (AVS)
- Three piston axial pump with ceramic piston
- Pressure switch control
- Pole reversing plug (three-phase)
- SDS system
- Electronic service control
- Electronic service control with LED display
- 2 detergent tanks
- Dry run protection



Order no.: 1.071-803.0

### Technical data

|                             |               |
|-----------------------------|---------------|
| Current type Ph/V/Hz        | 3/420/50      |
| Flow rate (l/h)             | 650-1300      |
| Pressure (bar/MPa)          | 30-200/3-20   |
| Max. temperature (°C)       | 155-80        |
| Power rating (kW)           | 9.3           |
| Consumption fuel oil (kg/h) | 9.1           |
| Fuel tank (l)               | 25            |
| Weight (kg)                 | 186           |
| Dimensions (L x W x H) (mm) | 1330x750x1060 |
| Detergent tank (l)          | 20            |

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### Accessories

#### Accumulator kit

##### Add-on accumulator for HDS M/S

The accumulator can be mounted on the HDS machine in order to dampen pressure surges, which conserves the machine's line system.

Order no. 2.641-803.0



#### Adapter

##### Adapter M22 - Swivel

M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of the telescopic lance with a high-pressure hose with AVS connection.

Order no. 4.424-004.0



#### Automatic, self-winding hose reels

##### Hose reel, automatic, 20 m, painted

Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.

Order no. 2.639-919.0



##### Swivel holder

Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose. Rotatable 120°. Galvanised steel.

Order no. 2.639-931.0



##### Hose reel, automatic, 20 m, stainless steel

Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.

Order no. 6.391-421.0



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### Automatic, self-winding hose reels

#### ABS hose reel stainless steel

High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrosion-resistant, watertight capsuled sprung drive. Connection for HP hoses with nipple.

Order no. 2.641-866.0



#### ABS wall fastening stainless steel

Swivelling wall bracket made of high-grade steel (for 2.641-866). This makes maximum flexibility and convenience possible when working with the HP hose.

Order no. 2.641-867.0



### Crane lifting kit

#### Crane loading kit for HDS middle and super class

Effortless loading by crane.

Order no. 2.642-424.0



### Cup foam lance

#### Cup foam lance

Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.

Order no. 6.394-668.0



#### Tank 1L

Order no. 6.414-954.0



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### Double lance

#### Double lance 960 mm

960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use ( e.g. stable cleaning).

Order no. 6.394-665.0



### Fass- und Behälterreinigung

#### Barrel cleaner

The BC 14/12 is an spray system for the efficient interior cleaning of containers and barrels, specially oak barrels with a volume of between 225 and 600 litres. One cleaning cycle is completed within 36 seconds and every spot in the container is covered by a water jet. After cleaning is finished the BC 14/12 can easily and conveniently take up the dirty water. The transformer included with the BC 14/12 makes it possible to use it worldwide (110 - 240 V, 50 - 60 Hz). The nozzle kits included make possible use with high-pressure cleaners with a water volume of 600 to 1400 l / h. Electrical components are protected in accordance with IP 55.

Order no. 2.641-740.0



### Flexible spray lance

#### Flexible lance 1050 mm

1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.

Order no. 6.394-654.0



### Flue pipe

#### Flue gas adapter

Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).

Order no. 4.656-079.0



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### Geka coupling

**Geka coupling with hose liner, 1"**

Order no. 6.388-465.0



### Longlife 400

**High-pressure hose packaged**

Order no. 6.391-351.0



### Longlife 400 with unions on both sides

**High-pressure hose 1.5 m, DN 8, including  connectors**

1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).

Order no. 6.390-178.0



### Longlife food industry version

**High-pressure hose Longlife 400, 10 m, DN 8, AVS trigger gun connection**

Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With patented AVS connection in the pistol (pivot mounted)

Order no. 6.391-885.0



**High-pressure hose Longlife 400, 20 m, DN 8, AVS trigger gun connection**

Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With patented AVS connection in the pistol (pivot mounted)

Order no. 6.391-886.0



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### Nozzle union

#### Nozzle union food industry

Made of special brass alloy for use in the food industry.

Order no. 5.401-318.0



### Power nozzle spray angle 25°

#### PCH / Power Nozzle 25250

Order no. 5.765-078.0



### Quick connect

#### Quick coupling

For quick change of different spray lances and accessories. Optimum adaption to Kärcher accessories, especially for connection between trigger gun and spray lance. With M22 x 1,5 female.

Order no. 6.401-458.0



#### Plug nipple

Hardened stainless steel nipple for quick coupling 6.401-458. With M22 x 1,5 male.

Order no. 6.401-459.0



### Rotary coupling

#### Rotary coupling

Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.

Order no. 4.401-091.0



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### Rotating spray lances

#### 1050 mm lance, rotatable, ergonomic

1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-660.0



#### Rotatable lance, 600 mm, ergonomic

600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-664.0



#### Lance 850 mm, rotatable, ergonomic

850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-663.0



#### Lance 1550 mm, rotatable, ergonomic

1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-661.0



#### Lance 2050 mm, rotatable, ergonomic

2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-662.0



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### Special hoses

**High-pressure hose 1.5 m, DN 8, including connectors, outlet bend**

Order no. 6.388-886.0



### Spray lance

**Lance 250 mm, non-rotatable**

250 mm stainless steel lance. With manual coupling. Non-rotatable.

Order no. 4.760-667.0



### Suction filter

**Water filter**

Order no. 6.414-956.0



### Telescopic spray lance

**Telescopic jet pipe**

Order no. 6.394-690.0





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### Trigger guns

High end high-pressure trigger gun

Order no. 4.775-823.0



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### Y distributor

Y distributor

Order no. 4.405-048.0

