

Hot water middle class

## HDS 10/20 -4M CLASSIC

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.

- Trigger gun Easy Press
- Trigger gun with Softgrip insert
- High-pressure hose 10 m Longlife
- Spray lance 1050 mm
- Power nozzle
- Anti-twist system
- Tanks for detergent
- scale inhibitor and fuel can be filled from outside
- Three piston axial pump with ceramic piston
- Pressure cut-off
- Pole reversing plug (3-phase)
- Electronic service control
- Electronic service control with LED display
- 2 cleaning agent tanks
- Dry running protection



**Order number: 1.071-406.0**

Supply voltage Ph/V/Hz	3/400/50
Flow rate (l/h)	500-1000
Pressure (bar/MPa)	30-200/3-20
Max. temperature (°C)	155-80
Power rating (kW)	7.8
Heating oil consumption, full load (kg/h)	6.4
Fuel tank (l)	25
Fuel tank	-
Weight (kg)	171
Measures (L x W x H) (mm)	1330x750x1060
Cleaning agent tank (l)	20

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## 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 number 2.641-803.0**



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## 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 number 4.424-004.0**



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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 number 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 number 2.641-867.0**



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Automatic hose reel as a complete attachment kit that's easy to mount. Suitable for HDS medium and super class. For maximum convenience when winding and unwinding the high-pressure hose.

**Order number 2.642-957.0**



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### Add-on kit hose reel

Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.

**Order number 6.392-965.0**



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### Add-on kit hose reel plastics

Automatic hose reel for 20 m high-pressure hose. The console is made from powder-coated steel, the drum is made from plastic.

**Order number 6.392-975.0**



## Barrel and tank cleaning

### 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 number 2.641-740.0**

## Crane lifting kit

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

Effortless loading by crane.

**Order number 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 number 6.394-668.0**



## Tank 1L

**Order number 6.414-954.0**



## 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 number 6.394-665.0**



## 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 number 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 number 4.656-149.0



### Flue gas adapter

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

Order number 4.656-080.0



## Geka coupling

With hose nozzle, R 1"

Order number 6.388-465.0



## Gutter cleaner

### Gutter cleaning lance

The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.

Order number 2.642-305.0



## Hard surface cleaner FRV 30

### FRV 30

With the integrated, automatic suction of the waster water the FRV 30 allows more efficient surface cleaning for indoor and outdoor usage. The inconvenient flushing of the surface after cleaning is not necessary anymore because the waster water can be drained off well-directed through the included 5m suction hose. Non-marking wheels and ceramic bearings are further quality features. Machine specific nozzle kit has to be ordered separately. Max. 250 bar / 1000 l/h / 60°C.

Order number 2.642-169.0



### Nozzle kit 050 for FRV 30

Kärcher FRV 30 nozzle kit includes power nozzles, unions and venturi nozzle for optimal cleaning performance. Special fitting tool included.

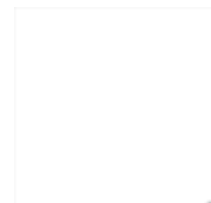
Order number 2.642-433.0



### Extension hose 5 m

5m extension hose for FRV 30. Connection sleeve included.

Order number 4.440-939.0

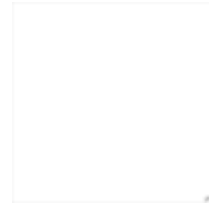


## Hard surface cleaner FRV 30

### Add-on kit rubber lip

For smooth floors indoors. The squeegee increases the suction performance of the FRV 30 and minimises the amount of water remaining. This means the floor is dry in just a few minutes.

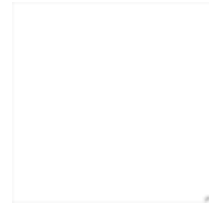
**Order number 2.642-910.0**



## Longlife 400

### High-pressure hose packaged

**Order number 6.391-351.0**



## Longlife 400 with unions on both sides

### High-pressure hose 1.5 m, ID 8, including connectors

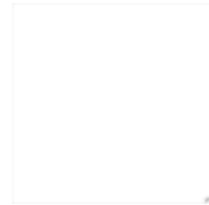
1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).



**Order number 6.390-178.0**

### High-pressure hose packaged

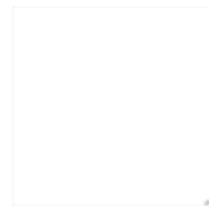
**Order number 6.391-354.0**



### High-pressure hose Longlife 400, 15 m, ID 8, including rotary coupling

With rotary coupling, 2 x M 22 x 1.5

**Order number 6.389-709.0**



### High-pressure hose Longlife 400, 30 m ID 8, including rotary coupling

With rotary coupling, 2 x M 22 x 1.5

**Order number 6.390-294.0**



## Longlife food industry version

### High-pressure hose Longlife 400, 10 m, ID 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 number 6.391-885.0**



### High-pressure hose Longlife 400, 20 m, ID 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 number 6.391-886.0**



## Longlife food industry version with unions on both sides

### High pressure hose food ID 8 / 10 m

Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1,5

**Order number 6.391-864.0**



### High-pressure hose food industry 400 bar, 20 m, ID 8, including rotary coupling

Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1,5

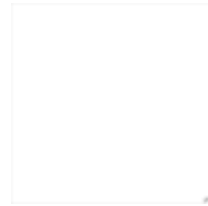
**Order number 6.391-887.0**



## Pipe cleaning nozzle

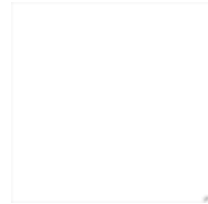
The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.

**Order number 6.415-945.0**



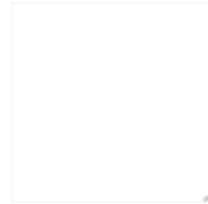
The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.

**Order number 6.415-947.0**



The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.

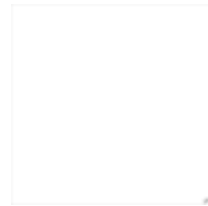
**Order number 6.415-949.0**



## Power nozzle spray angle 25°

### PCH / Power Nozzle 25250

**Order number 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 number 6.401-458.0**



### Plug nipple

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

**Order number 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 number 4.401-091.0**

## 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 number 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 number 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 number 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 number 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 number 4.760-662.0**



## Solarreinigung

### Telescopic rod complete 14m

Full carbon telescopic rod for maximum rigidity with minimal weight. With 14 m max. reach and practical quick-release couplings for easy extension and retraction.

**Order number 4.107-052.0**



### Telescopic rod complete 10m

Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 10 m max. reach and practical quick-release couplings for easy extension and retraction.

**Order number 4.107-053.0**



### Telescopic rod complete 7,2m



## Solarreinigung

Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 7.2 m max. reach and practical quick-release couplings for easy extension and retraction.

**Order number 4.107-054.0**

### Brush iSolar 800

Water-powered brush head (800 mm) with two contra-rotating disc brushes for cleaning photovoltaic systems. With flexible angle joint for uniform cleaning.



**Order number 6.368-455.0**

### Brush iSolar 400

Water-driven disc brushes with a working width of 400 mm for cleaning smaller and medium-sized photovoltaic systems. Also perfect for use on elevated systems.



**Order number 6.368-457.0**

### Hose solar

High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.

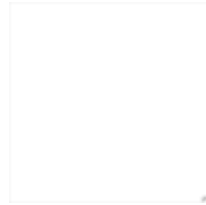
**Order number 6.392-976.0**



### Hose solar

High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.

**Order number 6.392-977.0**



### Hose solar

High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.

**Order number 6.392-978.0**



### Safety barrier

Certified personal security system for rooftop work. Contents: Travelling fall arrestor with shock absorber and 15 m kernmantle rope, harness, anchoring sling and sheet steel case.



**Order number 6.683-213.0**

## Special hoses

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

**Order number 6.388-886.0**



## Spray lance

**Lance 250 mm, non-rotatable**

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

**Order number 4.760-667.0**





## Spray lances

### Anti-vibration lance

The spring-loaded 360° loop handle significantly reduces the vibrations on the spray lance, reducing the physical burden on the user, e.g. when working with the dirt blaster.



Order number 6.415-951.0

## Standard with unions on both sides

### High-pressure hose packaged

Order number 6.391-342.0



### High-pressure hose, 30 m DN 8, including rotary coupling

With rotary coupling, 2 x M 22 x 1.5

Order number 6.390-293.0



## Suction filter

### Water filter

Order number 6.414-956.0



## Telescopic spray lance

### Telescopic jet pipe

Order number 6.394-690.0



Convenient strap for relief when working with the telescopic spray lance (6.394-690). The burden is optimally distributed on the body and longer periods of use are possible.

Order number 6.373-987.0



## Trigger guns

### High end high-pressure trigger gun

Order number 4.775-823.0



## Y distributor

### Y distributor

Order number 4.405-048.0

