

Hot water

HDS 12/14-4 ST Eco

### Overview

Hot water high-pressure cleaner

Order no. 1.699-915.0



### Standard accessories

SDS-System, System pressure relief, Flame monitor, Ready for servo use, Ready for remote control

### Technical data

Quantity of current phase Ph	3
Frequency Hz	50
Voltage V	400
Fuse protection A	Min. 20
Water flow rate l/h	600-1200
Pressure bar/MPa	30-140/3-14
Max. Temperature (feed 12°C) °C	155-80
Connected load kW	7,5
Consumption light fuel oil kg/h	7,1
Weight kg	160
Dimensions (L x W x H) mm	1110x565x700

### Description

High-pressure cleaning system which offers an extraordinary high level of safety with automatic pressure relief, flue gas temperature monitor, an innovative dry run cut-out in the float tank as well as an SDS hose which absorbs pressure surges. Used with Eco-Line boilers, these units comply with the latest BimSch emission regulations.

### Application

Professional high-pressure cleaning is indispensable for the maintenance and care of tools, rooms, outdoor areas and vehicle fleets in industry and the trades. The special advantages of stationary high-pressure cleaning come into their own in all those places where it is necessary to

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clean to high standards on a regular basis.

#### Features & Benefits

built-in pressure pump  
allows operation with hot water up to 80° C or hot steam up to 155° C

dry-running-system  
protects the pump from dryrunning

electrical control  
prepared for operation with multi-function remote controls

float tank  
for constant water feed

pressure-relief  
relieves the HP-driven system and so lifetime rises

SDS Soft-damping-system  
compensates the arising vibrations in the high-pressure system

variable detergent metering  
can be extended to two remote-controllable detergents

waste-gas-temperature controller  
switches off as soon as the waste gas temperature exceeds 300°C

water-cooled electric motor  
extremely durable

#### Control cable

##### Control cable 12x 0.75 mm<sup>2</sup> (price per meter)

Order no. 6.641-815.0



##### Control cable 10x 1.5 mm<sup>2</sup> (price per meter)

Order no. 6.641-082.0



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### Control cable 7x 1.5 mm<sup>2</sup> (price per meter)

Order no. 6.641-064.0



### Installation pipe set for control cable (price per 3 meters)

Order no. 2.420-008.0



## Easy Press Trigger gun

### Servopress Controller

Servopress controller  
Order no. 4.775-470.0



### Easy Press high-pressure gun with soft grip insert

Easy Press trigger gun, integral  
Order no. 4.775-463.0



## Elementy instalacji wysokociśnieniowych

### Quick release coupling, fixed part, R 1/2" internal thread fixed part

Order no. 6.463-025.0



### Quick-release coupling, moveable part, M 22 x 1,5

loose part  
Order no. 6.463-023.0



### Angle threaded connection, stainless steel (Ermeto) (VA)

Order no. 6.386-466.0



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### **T-threaded connection, stainless steel (Ermeto)**

Stainless steel  
Order no. 6.386-465.0



### **Union nut, stainless steel (Ermeto)**

(VA)  
Order no. 6.386-428.0



### **Union nut, steel zinc coated (Ermeto)**

Alternative: stainless steel 6.386-428  
Order no. 6.386-423.0



### **Cutting ring, steel zinc coated (Ermeto)**

Order no. 6.386-357.0



### **Angle threaded connection, steel zinc coated (Ermeto)**

Alternative: stainless steel 6.386-466  
Order no. 6.386-356.0



### **T-threaded connection, steel zinc coated (Ermeto)**

Alternativ : stainless steel 6.386-465  
Order no. 6.386-269.0



### **Pipe insulation (Ermeto)**

Order no. 6.286-147.0



### **Shut-off valve, stainless steel (Ermeto)**

Order no. 4.580-163.0



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**Shut-off valve, steel, zincd (Ermeto)**

Alternativ : stainless steel 4.580-163  
Order no. 4.580-144.0

**Connector pipe/stop valve, stainless steel (Ermeto)**

Order no. 2.638-183.0

**Connector pipe/stop valve, steel, zincd (Ermeto)**

Alternative: stainless steel 2.638-183  
Order no. 2.638-182.0

**Connector pipe/high-pressure hose, stainless steel (Ermeto)**

Stainless steel  
Order no. 2.638-181.0

**Connector pipe/high-pressure hose, steel, zincd (Ermeto)**

Alternativ : stainless steel 2.638-181  
Order no. 2.638-180.0

**HP-pipe set, stainless steel, 3 m with fixing materials (Ermeto)**

Order no. 2.420-006.0

**HP-pipe set, steel, zincd, 3 m with fixing materials (Ermeto)**

Alternativ : stainless steel 2.420-006  
Order no. 2.420-004.0



### Flue pipe

**Pipe angle with cleaning opening, stainless steel, diameter 200**

Order no. 6.526-209.0



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#### Fuel gas pipe, stainless steel, diameter 200 mm, 1 m

Order no. 6.526-208.0



#### Pipe clamp for fuel gas pipe, diameter 200 mm

Order no. 6.373-374.0



#### Connection piece, oval - round, HDS 891 ST

Order no. 4.656-080.0



#### Connection piece, oval - round, HDS 1291 ST

Order no. 4.656-079.0



#### Connection piece, oval - round, HDS 1291 ST, rotatable

Order no. 4.656-075.0



#### Connection piece, oval - round, HDS 891 ST, rotatable

Order no. 4.656-074.0



### Fuel supply

#### Heating oil tank, 700 l

700 l

Order no. 6.392-071.0



#### Oil filter, double-line system

Order no. 4.730-033.0



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#### Pipe set heating oil, 3 m

Order no. 4.421-208.0



#### Suction pipe for heating oil tank

Order no. 4.421-068.0



#### Heating oil hose set

Order no. 2.440-001.0



### High pressure hoses

#### High-pressure hose, 1.5 m, DN 8, incl. connection pieces

Order no. 6.390-178.0



#### High-pressure hose, 20 m, DN 8, PN 180 bar, food version, extension

Food industry version with M 22x1.5 union at both ends, anti-kink protection, ID 8, with rotary coupling, for food industry, up to 230 bar  
Order no. 6.389-581.0



#### High-pressure hose, 10 m, DN 8, extension, food version

Food industry version with M 22x1.5 union at both ends, anti-kink protection, ID 8, with rotary coupling, for food industry, up to 230 bar  
Order no. 6.389-479.0



#### High-pressure hose, 10 m, DN 8, incl. swivelling joint

Longlife 400, With rotary coupling 2 x M22 x 1.5, ID 8/155°C/400 bar  
Order no. 6.388-083.0



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**HDS 12/14-4 ST Eco****Hose track system****Spring tie**

Order no. 6.542-001.0

**C-rail wall bracket**

Order no. 6.541-039.0

**C-rail bracket**

Order no. 6.541-029.0

**C-rail end clamp**

Order no. 6.541-028.0

**c-rail holder**

Order no. 6.541-027.0

**C-rail line trolley**

Order no. 6.541-026.0

**C-rail end stop**

Order no. 6.541-025.0

**C-rail holder**

Order no. 6.541-012.0





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### C-rail connector

Order no. 6.541-011.0



### C-rail section

per metre

Order no. 6.233-017.0



### Spray lance holder

Order no. 4.042-610.0



### Hose reel incl. hp-hose hose 20 m, automatic, open, aluminium fr

20m

Order no. 2.637-750.0



### Hose reel incl. hp-hose 10 m, automatic, closed, yellow painted

10m

Order no. 2.637-238.0



### Swivelling outrigger 180 °, on pillar (price per bay)

Order no. 2.637-121.0



## Kärcher power nozzle

### Power nozzle 25100

Fan jet nozzle for large area coverage and stubborn dirt

Order no. 2.883-408.0



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#### Pivoting spray lance

##### **Pivoting spray lance**

Spray lances in various lengths, stainless steel with hand screw union.  
Ergonomically shaped handle mouldings for optimum control and insulation.  
Can be turned 360° under pressure.  
Order no. 4.760-550.0



##### **Pivoting spray lance**

Spray lances in various lengths, stainless steel with hand screw union.  
Ergonomically shaped handle mouldings for optimum control and insulation.  
Can be turned 360° under pressure.  
Order no. 4.760-364.0



#### Plant installation

##### **Cleaning agent tank, 60 l**

Order no. 5.070-078.0



##### **Emergency stop switch**

Order no. 2.744-002.0



##### **Feet, adjustable**

Order no. 2.638-177.0



##### **One cleaning agent**

Order no. 2.637-779.0



##### **Two cleaning agent**

with level monitor  
Order no. 2.637-717.0



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### Base frame basic machine plastic coated

Height 700mm, height adjustable  
Order no. 2.210-008.0



### Wall bracket basic machine plastic coated

Order no. 2.053-005.0



## Remote control

### Coin acceptor for token 26 x 2,3 with hole

Token  
Order no. 6.768-063.0



### Multiple remote, Emergency-off

Order no. 6.631-557.0



### Multiple remote, lock coin-op circuit

Order no. 4.743-012.0



### Electronical control for electronic remote control

Order no. 2.744-030.0



### Remote control, electronic-version (On/Off, Cleaning agent - On

w. I-O, hot-cold, 1-2  
Order no. 2.744-011.0



### Remote control, mechanic-version (On/Off, cleaning agent - On/1/

I-O, hot-cold, RM 1-2  
Order no. 2.744-008.0



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### Priority switch for switching between two remote controls, manu

Order no. 2.638-200.0



### Coin operated remote control without coin acceptor

Order no. 2.637-896.0



## Self-winding hose reel for wall mounting

### Add-on kit wall fastening hose reel

Add- on kit to fasten a hose reel at the wall.

Order no. 2.639-931.0



### Hose reel without hp-hose, automatic

Self-winding hose reel (without HP hose) Kärcher HD hose plug-in system

Order no. 2.639-919.0



## Servopress Softgrip trigger gun

### Servopress Softgrip trigger gun

Easy Press trigger gun, 2 x M22 x 1.5

Order no. 4.775-466.0



## Stationary high-pressure cleaning systems

### Magnetic valve R 1/2", water inlet

Order no. 4.743-011.0



## Take-off point equipment

### HP hose, 20 m, without rotary coupling

Order no. 6.388-813.0



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**Spray lance holder, wall mounted**

Order no. 2.042-003.0



**Zahlungssysteme**

**Tokens**

Tokens, dia. 26 x 2.3 mm

Order no. 6.768-169.0

