

Cold water super class

HD 10/25-4 SX Plus



Overview

Upright cold water high-pressure cleaner. Servopress for adjustment of pressure and water flow rate directly on the trigger gun, pressure switch control, Easy-Press trigger gun with soft grip surface, pivoting stainless steel spray lance, detergent tank, separate compartment for nozzles.

Order no. 1.286-501.0

Standard accessories

Trigger gun
 Easy Press, High-pressure hose 20 m
 , Spray lance
 1050 mm
 , Triple nozzle (0°/25°/40°)
 Touchless, Dirt Blaster
 , Integral high-pressure hose reel, Anti-twist
 system (AVS), Pressure switch control, Servo
 Control

Technical data

Number of current phases Ph	3
Frequency Hz	50
Voltage V	400
Water flow rate l/h	500-1000
Operating pressure bar /MPa	30-250/3-25
Max. pressure bar	275
Max. water feed temperature °C	up to 60
Connected load kW	9.2

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Description

The three-phase HD 10/25 S cold water high-pressure cleaner is user friendly and offers an operating pressure of 250 bar at a maximum throughput rate of 1000 l/h.

Thanks to its upright construction, the HD 10/25 S takes up less space than a conventional machine and is much easier to manoeuvre, especially up and down steps and stairs. Its large diameter, rubber-tired wheels ensure maximum mobility even in difficult terrain. The push handle adjusts to the most comfortable height for the user. Accessories that are not in use can be kept safely in a separate nozzle compartment.

The easy-press trigger gun offers a high degree of user comfort since it requires less effort to hold and operate and features a servopress controller for convenient adjustment of pressure and water flow rate. The spray lance can be pivoted through 360° while operating at full pressure. Other features are the pressure switch control, which turns off the pump as soon as the trigger is released and thus extends the service life of the motor and pump, and the electronic monitoring system for the motor and pump unit. The built-in detergent tank has a capacity of 6 litres.

The HD 10/25 S has been designed for tough daily operating conditions. The chemical-resistant brass cylinder head and stainless steel pistons with ceramic sleeves are combined with an efficient air-water cooling system to guarantee a long service life.

Application

On farms or building sites

Removes heavy soiling quickly, thoroughly and economically while providing exceptional operator comfort

Features & Benefits

0°/25°/40° triple nozzle with touchless changeover

Quick changeover from high-pressure pencil jet to 25° high-pressure fan jet, manual changeover to 40° fan jet for detergent intake and application in low-pressure mode.

6-litre detergent tank with infinitely variable metering valve and additional nozzle compartment
Detergent available anywhere at any time, economic consumption as a result of precise metering, triple nozzle or Dirt Blaster safely accommodated on machine

Brass cylinder head with stainless steel inlet and pressure valves and safety valve
High grade materials for a long service life, machine is protected against overload

Detergent injector

Detergent applied in low-pressure mode by simply changing setting on triple nozzle

Easy Press Trigger Gun

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can be held and operated with greatly reduced effort

Electronic motor protection system with LED display

Leakage, over/undervoltage and other operating conditions are monitored and indicated and the machine is shut down automatically in the event of a fault.

Endurance tested, 4-pole three-phase motor (1400 rpm) with a combination of air and water cooling and motor protection switch

Powerful drive unit with optimized motor cooling and overload cut-out, good intake performance, long life

Large rubber tyred wheels and support stand with rubber buffer

Excellent mobility even on rough surfaces and up and down steps, rock steady in operating position

Oil inspection glass in machine cover

Pump oil level can be checked quickly and easily

One-piece motor/pump housing

Very quiet, compact construction

Pressure switch control

Direct on/off control via trigger gun, exceptional reliability, extended pump life

Removable machine cover made of impact resistant, recyclable polypropylene

Adapter

Adapter

For connecting HP nozzle and accessories directly to trigger gun (with nozzle union) – 1 x M 22 x 1.5 / 1 x M 18 x 1.5

Order no. 4.402-022.0



Adapter for variable pressure spray lance

Adapter for variable pressure spray lance

For items 4.760-230 and 4.760-362 for mounting accessories to lance, M 24/18 x 1.5

Order no. 4.762-075.0



Cold water super class

HD 10/25-4 SX Plus

Angle-vario nozzle 0°-90°

Varlo nozzle 0-90°

High-pressure jet infinitely variable between 0° and 90° so it can be exactly matched to all types of soiling and surfaces.

Order no. 4.763-039.0



Boron carbide nozzle

Boron carbide nozzle

(In addition to nozzle packs. Very wear-resistant nozzle for continuous-duty operation.)

Order no. 6.415-084.0



Coupling

Double pipe union

For connecting and extending HP hoses. 2 x M 22 x 1,5 connections, brass with rubber protector

Order no. 4.403-002.0



Crane lifting kit

Crane lifting kit

Effortless handling by crane.

Order no. 2.640-438.0



Detergent injector (without nozzle)

Detergent injector (without nozzle)

Adds detergent in high and low pressure modes independent of machine.

Dosage up to 15 %

Order no. 3.637-001.0



Cold water super class

HD 10/25-4 SX Plus

Dirt Blaster, changeover

Dirt Blaster, changeover

changeover to high-pressure fan jet
Order no. 4.763-957.0



Dirt Blaster, changeover

Changeover to chemical intake (low pressure)
Order no. 4.763-949.0



Dirt Blaster, not adjustable

Dirt Blaster, without changeover

Rotating pencil jet for maximum dirt removing power.
Order no. 4.763-250.0



Easy Foam Set

Easy Foam Set

Complete, ready-to-use HP foam system for use with. HD/HDS units for cleaning and disinfecting. Foam nozzle for connection to lance and HP chemical injector with precision 0-5% metering valve.
Order no. 2.640-693.0



Fine-mesh water filter

Fine mesh water filter

Mounted to machine inlet, 80 µm
Order no. 4.730-102.0



Fine mesh water filter

Mounts to machine inlet, 150 µm
Order no. 2.638-270.0



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Foam nozzle mounting kit

Anbausatz Schaumdüse

For applying foam detergent in metered quantities in sanitary and food areas, or where long reaction time is necessary, mounts to spray lance in place of HP nozzle

Order no. 2.637-926.0



FR 30 ME hard surface cleaner

Surface cleaner, 300 mm diameter

A rotating nozzle beam with Kärcher Power nozzles has an area coverage up to 10 times larger than conventional methods. Stainless steel version. Ceramic bearings. Integral vacuum connection.

Order no. 2.640-355.0



Geka coupling

Geka coupling

with female thread

Order no. 6.388-458.0



Geka coupling

with hose liner

Order no. 6.388-455.0



High-pressure hoses

High-pressure hose, 20 m, DN 8, PN 160 bar, AVS gun connectionm,

Food industry version, AVS connection in trigger gun grey ID 8/155°C/160 bar

Order no. 6.390-705.0



Cold water super class

HD 10/25-4 SX Plus

High-pressure hose, 10 m, DN 8, PN 160 bar, AVS gun connectionm,

Food industry version, AVS connection in trigger gun grey ID 8/155°C/160 bar
Order no. 6.390-704.0



High-pressure hose 20 m, DN 8, AVS gun connection

with patented AVS connection in trigger gun (pivot-mounted)
Order no. 6.390-208.0



High-pressure hose 15 m, DN 8, AVS gun connection

With patented AVS connection in trigger gun (pivot mounted) and hand screw union. M22x1.5 with anti-kink protection ID 8/155°C/315 bar
Order no. 6.390-185.0



High-pressure hose 20 m, DN 8, AVS gun connection

With patented AVS connection in trigger gun (pivot mounted) and hand screw union. M22x1.5 with anti-kink protection ID 8/155 °C/315 bar
Order no. 6.390-171.0



High-pressure hose, integr. 10 m

With patented AVS connection in trigger gun (pivot mounted) and hand screw union. M22x1.5 with anti-kink protection ID 8/155 °C/315 bar
Order no. 6.390-025.0



High-pressure hose 10 m, DN 8, AVS gun connection, longlife

with patented AVS connection in trigger gun (pivot-mounted)
Order no. 6.389-856.0



HKF 50 spray head, brass

HKF 50 spray head , brass

Reach 850 mm. Interior cleaning head for drums, barrels and tanks. For bungholes of 50 mm and more. Connects directly to high-pressure cleaner. Driven by electric motor. Operates in vertical and horizontal positions.
Order no. 3.631-039.0



Cold water super class

HD 10/25-4 SX Plus

Hose reel, automatic

Swivel holder

Add-on kit to fasten a hose reel at the wall.
Order no. 2.639-931.0



Hose drum, automatic, 20 m

Self-winding hose reel (without HP hose) Kärcher HD hose plug-in system
Order no. 2.639-919.0



Inno Foam Set

Inno Foam Set

Complete, ready-to-use HP foam system for use with mobile and stationary HD/HDS units for cleaning and disinfection. Twin spray lance with foam nozzle and changeover to HP jet for clear rinsing etc., HP chemical injector with precision 0-5% metering valve.
Order no. 2.640-692.0



Installationsmaterial

Rotating joint

Reliably prevents HP hose twisting. M 22x1.5 connection with protector
Order no. 4.401-076.0



Machine-specific nozzle kit

Power nozzle with union

for item 2.838-821 and 2.640-355
Order no. 2.640-442.0



Machine-specific nozzle kit with order no. 3.637-170

Machine-specific nozzle kit

detergent injector + HP nozzle + union
Order no. 4.769-048.0



Cold water super class

HD 10/25-4 SX Plus

Nozzle insert with order no. 3.637-001

Nozzle insert (for position 3.637-001)

For high pressure.
Order no. 4.769-003.0



Nozzle insert (for position 3.637-001)

For low pressure.
Order no. 4.769-001.0



Nozzle kit for HKF 50 spray head (3.631-009.0 / 3.631-039.0)

HKF 50 spray head

1 nozzle
Order no. 6.415-447.0



HKF 50 spray head

Nozzle kit for items 3.631-039 and 3.631-009. 2 nozzle
Order no. 6.415-446.0



Screw plug

Screw plug. For operating spray head with one nozzle
Order no. 5.411-061.0



Double handle

Cone for installing unit in bungholes.
Order no. 4.132-002.0



Double handle

Spray head driven by an electric motor for the industrial container cleaning of small barrels (200 - 500 l)
Double handle, for exact control of spray head
Order no. 2.863-036.0



Cold water super class

HD 10/25-4 SX Plus

Nozzle kits for Inno/Easy Foam Set

Nozzle kits for Inno/Easy Set

Ideally match performance to different machine outputs for economic operation.

Order no. 2.640-694.0



Nozzle pack

Nozzle pack for wet-blasting attachment

Consisting of wet-blasting nozzle and nozzle insert, only for use with wet-blasting attachment 4762-010/-022

Order no. 2.637-902.0



Pipe cleaning nozzle

Pipe cleaning nozzle

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that nozzle pulls itself and the hose into the pipe. Brass, for M22 x 1.5 connection directly to HP hose

Order no. 5.763-013.0



Pipe cleaning nozzle

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that nozzle pulls itself and the hose into the pipe. Brass, for M22 x 1.5 connection directly to HP hose

Order no. 5.763-012.0



Pivoting spray lances

Pivoting spray lancer

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. 4.760-386.0



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HD 10/25-4 SX Plus

Spray lance, 2040 mm, rotatable

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. 4.760-366.0



Spray lance, 1500 mm, rotatable

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. 4.760-365.0



Spray lance, pivoting, 600 mm

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



Spray lance, pivotable, 1050 mm

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



Rollover nozzle holder

Rollover nozzle holder

Changes from solid to fan jet with flick of the wrist. Knurled nut for changeover to low pressure chemical intake, without nozzles (order Kärcher Power nozzle separately)
Order no. 4.764-012.0



Rotary washing brush

Rotary washing brush

Driven by water jet. Gently removes fine dust and traffic film from all surfaces.
Temperature resistant up to 85 °C. M 18 x 1.5. (replaceable brush element)
Order no. 4.762-287.0



Cold water super class

HD 10/25-4 SX Plus

Rotary washing brush

Driven by water jet. Gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 85 °C. M 18 x 1.5 (replaceable brush element).
Order no. 4.762-283.0



Servo Control controller

Servo Press Controller

Servopress controller
Order no. 4.775-470.0



Easy Press high-pressure gun with soft grip insert

Easy Press high-pressure trigger gun, for high-pressure hoses ID 6 / ID 8 with Swivel, diameter 11 mm
Order no. 4.775-463.0



Spray lance

Spray lance, 250 mm, fixed

Stainless steel with hand screw union, does not pivot In conjunction with extended trigger gun
Order no. 4.760-058.0



Suction filter

Suction filter

Without non-return valve, brass
Order no. 4.730-019.0



Suction filter

With non-return valve, brass
Order no. 4.730-012.0



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Triple nozzle, touchless (touchless changeover)

Triple nozzle , touchless changeover

Fast and easy jet changeover by flicking the nozzle. Choose from high-pressure pencil jet, high-pressure fan jet and low-pressure fan jet. On machines with injector, the low-pressure is used for picking up and applying detergent. M18 x 1.5 connection.

Order no. 4.767-065.0



Underbody lance

Underbody lance

Mobile. For effective and convenient cleaning of underbodies, chassis and wheel arches. Stainless steel. Without HP nozzle.

Order no. 4.760-245.0



Variable pressure spray lance

Variable pressure spray lance

With integral pressure gauge for infinitely variable pressure control directly on lance. Nozzle connection M 24 x 1.5. Chemical feed in low pressure mode.

Variable pressure lance and Kärcher Power nozzle.

Order no. 4.760-362.0



Variable pressure spray lance

With integral pressure gauge for infinitely variable pressure control directly on lance. Nozzle connection M 24 x 1.5. Chemical feed in low pressure mode.

Variable pressure lance and Kärcher Power nozzle.

Order no. 4.760-230.0



Water supply hose

Water supply hose

ID 19 R 1"/R1" - up to 85 °C

Order no. 4.440-270.0



Cold water super class

HD 10/25-4 SX Plus

Water supply hose

ID 19 R 1"/R 3/4" - up to 85 °C - for suction mode
Order no. 4.440-207.0



WC spray lance

WC-Spray lance

With nozzle. Specially shaped for cleaning WCs. Stainless steel.
Order no. 4.760-073.0



Wet blasting attachment (without nozzle)

Wet-blasting attachment (without nozzles)

Adds abrasive to high-pressure jet. For removing paint, rust, scale. Mounts to spray lance in place of HP nozzle. Without abrasive flow control
Order no. 4.762-022.0



Wet blasting attachment (without nozzles)

Adds abrasive to high-pressure jet. For removing paint, rust, scale. Mounts to spray lance in place of HP nozzle. With abrasive flow control
Order no. 4.762-010.0

