

Cold water super class

## HD 10/25-4 SX Plus



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.

### Standard accessories:

- Trigger gun Easy Press
- Trigger gun with soft grip
- High-pressure hose 20 m
- Spray lance 1050 mm
- Triple nozzle/Power nozzle manuell
- Triple nozzle (0°/25°/40°) manuell
- Dirt Blaster
- Integral high-pressure hose reel
- Anti-twist system (AVS)
- 4-pole three-phase motor with air and water cooling
- Pressure switch control
- Stainless steel spray lance 1050 mm
- Large fine mesh water filter
- Electronic motor protection system with LED display
- Oil sight glass
- Servo Control
- Brass water inlet fitting



Order no.: 1.286-501.0

### 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
Weight (kg)	64
Dimensions (L x W x H) (mm)	560x500x1090
Detergent tank (l)	6

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## Details

### Description

The three-phase HD 10/25-4 SX Plus 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 10/25-4 SX Plus 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-tyred 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 10/25-4 SX Plus has been designed for tough daily operating conditions. The chemical-resistant brass cylinder head and ceramic pistons are combined with an efficient air-water cooling system to guarantee a long service life.

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### Application

On farms or building sites Removes heavy soiling quickly, thoroughly and economically while providing exceptional operator comfort

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### 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 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

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## Accessories

### 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



### Anbausatz graue Räder

#### Mounting kit for non-marking wheels

Grey wheels that do not leave streaks for cleaning in the sanitary or food industries or swimming pools. The caster can also be replaced with a non-streak caster for HDS machines (parts no. 6.435-762)

Order no. 2.641-493.0



### Angle vario nozzle 0°-90°

#### Angle vario nozzle 0-90°

Makes it possible to change the high-pressure jet spray angle from 0°-90° (infinitely variable). This makes it easy to adapt it to all types of dirt and surfaces.

Order no. 4.763-039.0



### Angular spray lance

#### Bathroom and eaves gutter spray lance

With nozzle. Specially shaped for cleaning of eaves gutters and for hygienically cleaning WCs. Stainless steel.

Order no. 4.760-073.0



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## HD 10/25-4 SX Plus



### Automatic, self-winding hose reels

#### 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



#### 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



#### Self-winding hose reel with swivel holder, stainless steel, 20 m

Automatic hose reel with swivel holder (high-grade steel)

Order no. 6.391-421.0



#### Swivel holder

ABS swivel holder for 2.639-919.0

Order no. 2.639-931.0



#### Hose drum, automatic, 20 m, coated

Hose reel, automatic, 20 m, coated

Order no. 2.639-919.0



## Backflow check valve

### Backflow preventer

To prevent detergent getting into the drinking water cycle in case of inlet at low-pressure. - hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakage protection

Order no. 2.641-374.0



## Boron carbide nozzle

### Boron carbide nozzle, for machines as of 1000 l/h

In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

Order no. 6.415-084.0



## Connector

### Nozzle union / Screw union

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



## 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



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## HD 10/25-4 SX Plus



### Crane lifting kit

#### Crane loading kit for HD super class

Effortless loading by crane.

Order no. 2.640-438.0



### Dirt blaster – changeover to low pressure cleaning agent intake

#### Dirt blaster - changeover to low pressure cleaning agent intake

Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Changeover to detergent intake (low pressure) max. 300 bar/30 MPa, 85 °C

Order no. 4.763-949.0



### Dirt blaster – non-changeover

#### Dirt blaster - non-changeover

Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Max. 300 bar/30 MPa, 85 °C

Order no. 4.763-253.0



### Dreckfräser - umschaltbar auf Flachstrahl

#### Dirt blaster - changeover to fan jet

Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Changeover to high-pressure fan jet max. 300 bar/30 MPa, 85 °C

Order no. 4.763-957.0



## Drum and tank cleaning

### ABS 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**

## Easy Foam Set

### Easy foam set

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. The machine specific nozzle kit has to be ordered separately.

**Order no. 2.640-693.0**



## Easy Press high-pressure gun with holding power reduction (Kärcher patent)

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

Easy Press HP trigger guns, for HP hoses NW 6 / NW 8 with swivel diameter 11 mm

**Order no. 4.775-463.0**



## Fine-mesh water filter

### Fine mesh water filter, 80 µm, R 3/4" + 1", with adapter

Mounted to machine inlet, 80 µm, with adapter R 3/4" / 1"

**Order no. 4.730-102.0**



## Fine-mesh water filter

### Fine mesh water filter, 100 µm, R 1"

Mounts to machine inlet, 100 µm

Order no. 2.638-270.0



## Flexible spray lance

### Jet pipe flexible

Infinitely variable adjustment of the angle of the spray lance from 20° - 140°.

Especially suitable for cleaning difficult-to-reach areas such as roof gutters, car roofs, undercarriages or wheel cases.

Order no. 6.394-654.0



## 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



## Food industry version

### High-pressure hose, 20 m, DN 8, AVS trigger gun connection, food industry, grey

Food industry version, AVS connection in the trigger gun. grey NW 8/155°C/250 bar

Order no. 6.390-705.0



### High-pressure hose, 10 m, DN 8, AVS trigger gun connection, food industry, grey

Food industry version, AVS connection in the trigger gun. grey NW 8/155 °C/250 bar

Order no. 6.390-704.0



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## HD 10/25-4 SX Plus



### Geka coupling

#### Geka coupling with female thread, R 1"

with female thread

Order no. 6.388-458.0



#### Geka coupling with hose liner, R 3/4"

with hose liner

Order no. 6.388-455.0



### Hard surface cleaner FR 30 ME

#### FR 30 ME hard surface cleaner

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. Machine specific nozzle kit has to be ordered separately. Max. 250 bar / 1100 l/h / 80 °C

Order no. 2.640-355.0



### Hard surface cleaner FR 50

#### FR 50 hard surface cleaner

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 detergent valve. Machine specific nozzle kit has to be ordered separately. Max. 250 bar / 1800 l/h / 80 °C

Order no. 2.640-679.0



### HKF 50 spray head, brass

#### HKF 50 spray head , brass

Depth of immersion 850 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally

Order no. 3.631-039.0



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## HD 10/25-4 SX Plus



### HKF 50 spray head, stainless steel

#### Spray head HKF 50, stainless steel

Motor-driven interior cleaning head for the industrial container cleaning of small barrels (barrels of 200 - 500 l)

Order no. 3.631-009.0



### Hose reel add-on kit

#### Hose reel kit for HD super class

ABS hose reel for mounting on the machine. For safe and tidy stowage of high-pressure hoses (with connecting hose to machine's HP outlet) Can be rotated under pressure, with M 22 x 1.5 connection.

Order no. 2.640-439.0



### HP detergent injector

#### Detergent injector for high and low pressure (without nozzle)

Metering of cleaning agents. Separate from the machine (high pressure and low pressure). Dosage of up to 15%

Order no. 3.637-001.0



### HP nozzle spray angle 0°

#### HP nozzle spray angle 0°

Solid jet for very stubborn dirt and stains.

Order no. 2.884-535.0



## Inno Foam Set

### Inno foam set

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. The machine specific nozzle kit has to be ordered separately.

**Order no. 2.640-692.0**



## Longlife 400

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

with patented AVS connection in trigger gun (pivot-mounted)

**Order no. 6.390-208.0**



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

with patented AVS connection in trigger gun (pivot-mounted)

**Order no. 6.389-856.0**



## Longlife food industry version

### 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**



### 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**



## Machine-specific nozzle kit for HSC##

**Nozzle pack for hard surface cleaners (machine-specific) 850 - 1,100 l / h**

Machine-specific nozzle kit Kärcher power nozzle for hard surface cleaners

**Order no. 2.640-442.0**



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

**Machine-specific nozzle kit for order no. 3.637-170 1000-1200 l/h**

For HD/HDS 1000 - 1200 l/h. Consists of nozzle insert + HP power nozzle + union

**Order no. 4.769-048.0**



## Nozzle insert with order no. 3.637-001

**Nozzle insert to order no. 3.637-001, High pressure for machines up to 1100 l/h**

For high pressure with machines up to 1.100 l/h

**Order no. 4.769-003.0**



**Nozzle insert to order no. 3.637-001, Low pressure for machines up to 1100 l/h**

For low pressure with machines up to 1.100 l/h

**Order no. 4.769-001.0**



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

**Nozzle 090 for single nozzle operation HKF 50**

Nozzle for single-nozzle operation

**Order no. 6.415-447.0**



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

#### Nozzle 045 for dual nozzle operation HKF 50

Nozzle for dual-nozzle operation

Order no. 6.415-446.0



#### Screw plug for using a spray head with one nozzle

Screw plug for using a spray head with one nozzle

Order no. 5.411-061.0



#### Cone for plugging into bungholes

Cone for plugging into bungholes

Order no. 4.132-002.0



#### Double handle for exact control of the spray head

Double handle. Precise control of the spray head

Order no. 2.863-036.0



### Nozzle kits for Inno/Easy Foam Set

#### Nozzle kit 090 for Inno/Easy Set for HD 10/25

Optimal adaptation to different machine outputs for economic use.

Order no. 2.640-694.0



## Nozzle pack for wet blasting attachment

### Nozzle pack for wet blasting attachment 050

Nozzle pack for wet-blasting nozzle for items 28 / 29 Consisting of wet-blasting nozzle and nozzle insert – only in conjunction with wet-blasting attachment 4.762-010/ -022

Order no. 2.637-902.0



## Nozzle union

### Nozzle union

With protector for high-pressure and Power nozzles M 18 x 1.5

Order no. 5.401-210.0



## Pipe cleaning nozzle

### Pipe cleaning nozzle

For the clean, environmentally-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that the nozzle pulls itself and the hose into the pipe. Brass nozzle with connection M 22 x 1.5 outer thread - for mounting directly on the HP hose. 8 x 45° toward the rear, Ø 24 mm

Order no. 5.763-013.0



### Pipe cleaning nozzle

For the clean, environmentally-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that the nozzle pulls itself and the hose into the pipe. Brass nozzle with connection M 22 x 1.5 outer thread - for mounting directly on the HP hose. 4 x 45° toward the rear, Ø 24 mm

Order no. 5.763-012.0



## Power nozzle spray angle 15°

### Power nozzle, spray angle 15°

Fan jet nozzle for stubborn dirt and stains.

Order no. 2.883-390.0



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## HD 10/25-4 SX Plus



### Power nozzle spray angle 25°

#### Power nozzle spray angle 25°

Fan jet nozzle for large-area coverage and stubborn dirt and stains.

Order no. 2.883-399.0



### Power nozzle spray angle 40°

#### Power nozzle spray angle 40°

Fan jet nozzle for large-area coverage – suitable for sensitive surfaces

Order no. 2.884-524.0



### Push-on washing brush

#### Push-on washing brush, M18 x 1.5

General-purpose cleaning on all surfaces. With clamp for mounting directly to spray lance. Connection M 18 x 1.5.

Order no. 4.762-016.0



### Rollover nozzle holder

#### Rollover nozzle holder

Changes from solid to fan jet with flick of the wrist. Knurled nut for changeover to low pressure detergent intake, without nozzles (order machine-specific Kärcher Power nozzle separately)

Order no. 4.764-012.0



## Rotary coupling

### Rotating coupler

Reliably prevents high-pressure hose twisting. Connection M 22 x 1.5 m. protector

Order no. 4.401-091.0



## Rotary coupling

Reliably prevents high-pressure hose twisting. Connection M 22 x 1.5 m. protector

Order no. 4.401-076.0



## Rotating spray lances

### Spray lance, complete, 840 mm

Spray lance, 840 mm, swivelling, ergonomical

Order no. 4.760-560.0



### Spray lance, 2,050 mm, swivelling, ergonomical

Spray lance, 2,050 mm, swivelling, ergonomical

Order no. 4.760-366.0



### 1550mm Rotating spray lance

Spray lance, 1,550 mm, swivelling, ergonomical

Order no. 4.760-365.0



## Rotating spray lances

### Spray lance, pivoting, 600 mm

Spray lance, 600 mm, swivelling, ergonomical

Order no. 4.760-364.0



### Swivelling spray lance 1,050 mm

Spray lance, 1,050 mm, swivelling, ergonomical

Order no. 4.760-550.0



## Rotating washing brush

### Rotating washing brush for machines > 800 l/h

Driven by water jet. Gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 80 °C. M 18 x 1.5. (replaceable brush element)

Order no. 4.762-287.0



### Rotating washing brush for machines > 800 l/h

Driven by water jet. Gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 80 °C, M 18 x 1.5 (replaceable brush element).

Order no. 4.762-283.0



## Servo Control

### Servo control

Water quantity and pressure control directly on the trigger gun

Order no. 4.775-470.0



## Spacer (including nozzle union)

### Spacer (incl. nozzle union)

Guarantees constant safety clearance, e.g. for tyres and bodywork. Helps prevent damage to sensitive surfaces. Mounts directly to lance.

Order no. 5.394-294.0



## Spray lance

### Spray lance, 250 mm, does not pivot

##Stainless steel with hand screw union, does not pivot. With extended trigger guns

Order no. 4.760-058.0



## Spray lances

### Double spray lance 960 mm

Infinitely adjustable control of the working pressure directly on the handle with full water quantity. Suitable above all for agriculture (e.g. cleaning stalls).

Order no. 6.394-665.0



## standard

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

With patented AVS connection in the trigger gun (pivot-mounted) and hand screw union. M 22 x 1.5 with anti-kink protection. NW 8/155°C/315 bar

Order no. 6.390-171.0



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

With patented AVS connection in the trigger gun (pivot-mounted) and hand screw union. M 22 x 1.5 with anti-kink protection. NW 8/155°C/315 bar

Order no. 6.390-185.0



## standard

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

With patented AVS connection in the trigger gun (pivot-mounted) and hand screw union. M 22 x 1.5 with anti-kink protection. NW 8/155°C/315 bar

Order no. 6.390-025.0



## Stationäre Hochdruckanlagen

### High-pressure hose, 1.5 m DN 8, connection to hose reel

Order no. 6.388-886.0



## Suction filter

### Suction filter without non-return valve

Without non-return valve, brass

Order no. 4.730-019.0



### Suction filters with non-return valve

With non-return valve, brass

Order no. 4.730-012.0



## Triple nozzle, touchless changeover

### Triple nozzle, touchless changeover

Quick and convenient spray jet changeover by swivelling the nozzle. Choose from high-pressure pencil jet, high-pressure fan jet (25°), manual changeover to low pressure fan jet (40°). On machines with injector, the low-pressure fan jet is used for picking up and applying detergent. M18 x 1.5 connection.

Order no. 4.767-065.0



## Triple nozzles

Triple jet nozzle 050 nur fuer Ersatz

Order no. 4.767-154.0



## Undercarriage spray 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, 670 mm

With integrated pressure gauge for infinitely variable pressure control directly on the spray lance. Nozzle union M 24 x 1.5. Addition of cleaning agent at low pressures.

Order no. 4.760-362.0



### Variable pressure spray lance, 1,040 mm

With integrated pressure gauge for infinitely variable pressure control directly on the spray lance. Nozzle union M 24 x 1.5. Addition of cleaning agent at low pressures.

Order no. 4.760-230.0



## Water supply hose

### Water supply hose

NW 19 R1" / R1", up to 85 °C

Order no. 4.440-270.0



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## HD 10/25-4 SX Plus



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### Water supply hose

#### Water supply hose

NW 19 R1" / R 3/4", up to 85 °C, for pick-up

Order no. 4.440-207.0



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### Wet blasting attachment (without nozzle)

#### Wet blasting attachment without flow control (without nozzle)

Adds abrasive to high-pressure jet. For removing paint, rust, scaling. Mounts to spray lance instead of the of high-pressure nozzle. Without flow control.

Order no. 4.762-022.0



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#### Wet blasting attachment with flow control (without nozzle)

Adds abrasive to high-pressure jet. For removing paint, rust, scaling. Mounts to spray lance instead of the of high-pressure nozzle. With flow control.

Order no. 4.762-010.0

