

HD 22/15-4 Cage Plus

Coldwater high-pressure cleaner for waterintensive cleaning tasks.

Standard accessories:

- Trigger gun Easy Press
- Trigger gun with soft grip
- High-pressure hose 15 m
- Spray lance 1050 mm
- Triple nozzle/Power nozzle
- Power nozzle
- Dirt Blaster
- Anti-twist system (AVS)
- Pressure switch control
- Stainless steel spray lance 1050 mm
- Enclosed tubular frame with attachment point for handling by crane
- Servo Control



Order no.: 1.367-120.0

Technical data

Number of current phases (Ph)	3
Frequency (Hz)	50
Voltage (V)	400
Water flow rate (l/h)	800-2200
Operating pressure (bar/MPa)	10-150/1-15
Max. pressure (bar/MPa)	180/18
Max. water feed temperature (°C)	up to 60
Connected load (kW)	12
Weight (kg)	112
Dimensions (L x W x H) (mm)	880x725x825

Details

Description

The three phase coldwater high-pressure cleaner HD 22/15-4 Cage is new developed as a mobile specialist for extra water intensive cleaning tasks in agriculture and construction. Especially because of the high quality crankshaft pump, this product convinces with an immense water flow rate about 2200l/h. This is important for extreme dirtiness in big stables, quarries, construction site and in earth-moving. Four air filled rubber tires ensure a perfect handling and a trouble free tractability, so that this appliance are also easy to use in rough terrain. HD 22/15-4 Cage Plus are made for hardest daily use. These requirements are fulfilled through a special equipment in highest quality.

Application

Especially applicable: - in agriculture - in construction - in commune

Features & Benefits

Automatic safety-shutdown Automatic safety-shutdown after 30 min. if appliance is not used Automatic smooth start-up Automatic smooth start-up arises rotary speed slowly up to 1400rpm and protects the power supply system in view of overload. Easy press trigger gun Easy press trigger gun with soft grip inlay, with reduced force and holding force hose-reel Optional, stainless steel hose-reel for 40m hp-hose ID10, both side bearing guide Included dirt blaster Included dirt blaster for high cleaning power and area coverage New developed crankshaft pump New developed crankshaft pump with stainless steel piston chrome coated, brass cylinder head Power nozzle 25° Power nozzle 25° (for up to 40% higher impact pressure) Servo Control Servo Control for precise adjustment of working pressure and water flow on the trigger gun Spray lance Spray lance (stainless steel 1050mm), can be turned under pressure Sturdy tubular stainless steel frame Sturdy tubular stainless steel frame to protect components. Cage frame with attachment point to handling by crane Water-fine-mesh filter Water-fine-mesh filter integrated in the machine, safe protection of the high- pressure components against dirt and particles for higher life time

Accessories

Automatic, self-winding hose reels

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. 6.415-083.0



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



Dirt blaster – non-changeover

Dirt blaster - non-changeover

Order no. 4.764-172.0



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

Easy Press Softgrip trigger gun

Easy Press high-pressure trigger gun, with integrated adapter, connections for high-pressure hoses M 22 x 1.5

Order no. 4.775-466.0



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, 100 µm, R 1"

Mounts to machine inlet, 100 µm

Order no. 2.638-270.0



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 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



HD 22/15-4 Cage Plus

Hose reel add-on kit

Hose drums mounting kit

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. 2.641-166.0



HP detergent injector

Add-on kit cleaning agents metering for HD 22/15-4 Cage plus

Adds up to 5% detergent in high and low pressure modes. Consists of detergent injector + nozzle insert + low pressure nozzle + rollover nozzle holder (for comfortable switch between high and low pressure).

Order no. 3.637-250.0



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



Nozzle insert with order no. 3.637-001

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

For low pressure with machines above 1.100 l/h

Order no. 4.769-006.0



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

For high pressure with machines above 1.100 l/h

Order no. 4.769-002.0



Nozzle pack for wet blasting attachment

Nozzle pack for wet blasting attachment 100

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. 2.637-910.0



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 25°

Power nozzle 25160

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

Order no. 2.884-988.0



HD 22/15-4 Cage 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. 2.884-520.0



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



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



Rotating spray lances

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



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

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. 4.775-471.0



Shut-off cock

Shut-off cock

Mounts to machine's high-pressure outlet. The shut-off cock simplifies handling of pipe cleaning hose using the shut-off cock's "on-off" functions which can be easily controlled on the machine.

Order no. 4.580-160.0



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



HD 22/15-4 Cage Plus

Spray lance

Spray lance, 550m, does not pivot

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

Order no. 4.760-356.0



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, 15 m DN 10, extension, not rotatable

with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar

Order no. 6.391-512.0



Standard with unions on both sides

High-pressure hose, 40 m DN 10, extension, not rotatable

with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar

Order no. 6.391-510.0



Standard with unions on both sides

High-pressure hose, 25 m DN 10, extension, not rotatable

with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar

Order no. 6.391-513.0



High-pressure hose, 15 m DN 10, 220 bar, extension

With M 22x1.5 union at both ends and anti-kink protection ID 10/155 °C/220 bar

Order no. 6.390-023.0



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



Water supply hose

Water supply hose

NW 19 R1" / R1", up to 85 °C

Order no. 4.440-270.0



Water supply hose

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

Order no. 4.440-207.0



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



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

