

Upright class

HDS 5/11 U



Competitively priced entry class model of a hot water high-pressure cleaner. Innovative "Upright"-Design ensures good mobility and ergonomics. Very user-friendly due to one-button-operation and integrated hose and accessory stowage.

Standard accessories:

- Trigger gun extended
- High-pressure hose 10 m
- Spray lance 550 mm
- Anti-twist system (AVS)
- Pressure switch control

Order no.: 1.064-001.0



Technical data

Power supply Ph/V/Hz	1/230/50
Water flow rate (l/h)	450
Pressure bar/MPa	110/11
Max. temperature (°C)	max. 80
Connected load	2.2
Consumption fuel oil (kg/h)	2.4
Fuel tank (l)	6.5
Weight (kg)	68
Dimensions (L x W x H) (mm)	620x620x990
Detergent tank (l)	-

Details

Description

The main benefit of the new "Upright"-class class of hot water high-pressure cleaners is the horizontal machine concept. This ensures low weight, compact dimensions and the ease with which they can be loaded and transported. They fit also easily in vertical position in a station wagon for transportation from one location to the next. Thanks to their compact size, these units take up a minimum of storage space when they are not in use. Large diameter wheels as well as a ergonomically shaped push/pull handle ensure excellent manoeuvrability and mobility, even on difficult surfaces. The three-piston axial high-pressure pump has hardened stainless-steel pistons and a brass cylinder head. A pressure switch shuts down the unit automatically when the trigger gun is closed. This relieves the load on components and prolongs their service lives. High-pressure pump, burner fan and heating oil pump are driven by an electric motor and are combined to form a drive module. This principle not only ensures a very compact assembly and a high power output, it also makes the units exceptionally reliable. The characteristics of the time-proven Kärcher boiler-technology are high performance in a minimum of space while ensuring full compliance with the statutory emission limits. Single-phase unit with air-cooled two-pole electric motor. Three-piston axial pump with hardened stainless-steel pistons. Chemical feed in low-pressure mode.

Application

Cleaning vehicles and workshops in small companies, such as - locksmith - Plumbers, gas-/ heating installers - Painters, floor tilers and plasterer with occasional facade cleaning work - General cleaning tasks in the crafts and trades - small garages, tire dealers - Building service contractors

Features & Benefits

Central control panel One-switch-control for on/off and hot and cold water operation. Plastic chassis with integrated 6,5 l fuel tank Multifunctional, corrosion-proof, impact-resistant and shock-proof Chassis with bumper and integrated hose and accessory storage. Flue gas temperature monitoring The flue gas temperature limiter installed in the outlet switches off the drive motor if the flue gas temperature exceeds over max. temperature and thus ensures additional operator safety. Efficiency With a max. water temperature of 80°C the machine cleans also stubborn oily and greasy stains. Fine mesh water filter The fine mesh water filter on the machine inlet traps suspended matter and protects the high-pressure pump from impurities. Manoeuvrability Sturdy large diameter wheels with rubber tyres guarantee trouble-free manoeuvrability. This is enhanced by a ergonomic handle, which is suitable for pushing or pulling the machine. Tilting aid The tilting aid enables the machine to be tilted to overcome obstacles such as steps, for example. Ergonomics The fuel tank could be easily refilled, the integrated hook ensures a convenient storage of the high-pressure hose.

Accessories

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 no. 4.424-004.0



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



Angular spray lance

Bathroom and eaves gitter spray lance

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

Order no. 4.760-073.0



Automatic, self-winding hose reels

Hose drum, automatic, 20 m, coated

Hose reel, automatic, 20 m, coated

Order no. 2.639-919.0



Automatic, self-winding hose reels

Swivel holder

ABS swivel holder for 2.639-919.0

Order no. 2.639-931.0



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



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 spring drive. Connection for HP hoses with nipple.

Order no. 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 no. 2.641-867.0



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



Cup foam lance

Foam lance

Short and handy foam lance with a 1-litre detergent tank directly at the lance. Due to its compact construction it is perfectly suited for foam cleaning of vehicles. Infinitely detergent dosage, swivel connection M22x1,5, adjustable jet angle.

Order no. 6.394-668.0



Tank 1L

Order no. 6.414-954.0



Dirt Blaster

Dirt Blaster

Dirt blaster - rotating pencil jet - 10x cleaning power. Ceramic nozzle and bearing ring for long service life. max. 180 bar/18 MPa, 60 °C

Order no. 4.767-022.0



Doppelstrahlrohr

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



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

Extended Easy Press trigger gun

Extended Easy Press HP trigger gun for HP hoses with swivel

Order no. 4.775-529.0



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



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



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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



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



Flue pipe

Flue gas adapter

Order no. 4.656-149.0



Flue gas adapter

Adapter piece

Order no. 4.656-080.0



Geka coupling

Geka coupling with hose liner, R 1/2"

with hose liner

Order no. 6.388-461.0



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Geka coupling

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

Order no. 6.388-455.0



Geka coupling with hose liner, 1"

Order no. 6.388-465.0



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



HP detergent injector

Detergent injector for high pressure

Cleaning agent dosage at high pressure 3 - 5 %

Order no. 3.637-170.0



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



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Machine-specific nozzle kit for HSC##

Nozzle pack for hard surface cleaners (machine-specific) 450 - 500 l/h

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

Order no. 2.640-482.0



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

Machine-specific nozzle kit for order no. 3.637-170 HDS 500-700 l/h

For HDS 500 - 700 l/h. Consists of nozzle insert + HP power nozzle + union

Order no. 4.769-046.0



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 pack for wet blasting attachment

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. 2.638-526.0



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 hose, ID 6

Pipe cleaning hose, NW 6, 20 m

Especially flexible high-pressure hoses for inner pipe cleaning (thread connection for nozzle R 1/8).

Order no. 6.390-028.0



Pipe cleaning hose, NW 6, 30 m

Especially flexible high-pressure hoses for inner pipe cleaning (thread connection for nozzle R 1/8).

Order no. 6.390-029.0



Pipe cleaning hose, NW 6, 20 m, 200 bar

Especially flexible high-pressure hoses for inner pipe cleaning (thread connection for nozzle R 1/8).

Order no. 6.390-030.0



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 the nozzle pulls itself and the hose into the pipe. With Mit R 1/8" connection to the pipe cleaning hose. 3 x 30° toward the rear, Ø 16 mm

Order no. 5.763-015.0



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 the nozzle pulls itself and the hose into the pipe. With R 1/8" connection to the pipe cleaning hose. 1 x toward the front, 3 x 30° toward the rear, Ø 16 mm

Order no. 5.763-016.0

**Pipe cleaning nozzle**

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that the nozzle pulls itself and the hose into the pipe. With Mit R 1/8" connection to the pipe cleaning hose. 3 x 30° toward the rear, Ø 30 mm

Order no. 5.763-017.0

**Rotating pipe cleaning nozzle**

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that the nozzle pulls itself and the hose into the pipe. With R 1/8" connection to the pipe cleaning hose. 4 rotating jets

Order no. 6.415-428.0

**Power nozzle spray angle 25°****Power nozzle spray angle 25°**

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

Order no. 2.883-803.0

**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



Push-on washing brush

Push-on washing brush

With clamp for mounting directly to units' double or triple nozzle.

Order no. 4.762-328.0



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 no. 6.401-458.0



Plug nipple

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

Order no. 6.401-459.0



Rinnenreiniger

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 no. 2.642-305.0



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



Rotating washing brush

Rotary wash brush

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. 4.762-284.0



Rotating washing brush for machines <lt; 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. 4.762-288.0



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



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Spray lance

Jet pipe packaged only for replacement

Order no. 4.760-665.0



Jet pipe packaged only for replacement

Order no. 4.760-667.0



standard

High-pressure hose, 10 m, DN 6, AVS gun connection Ø 11 mm

With patented AVS connection in the trigger gun (pivot-mounted) and hand screw union. M 22 x 1.5 with anti-kink protection. NW 6/155°C/250 bar

Order no. 6.391-238.0



HD-Schlauch DN 6, 15m

Order no. 6.391-394.0



High-pressure hose, 10 m, DN 6, 300 bar, 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 6/155°C/300 bar

Order no. 6.391-875.0



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HDS 5/11 U



Starting current limiter

Starting current limiter

Reduces starting current in single-phase supply and protects line fuse.

Order no. 2.637-495.0



Suction filter

Water filter

Order no. 6.414-956.0



Suction filters with non-return valve

With non-return valve, brass

Order no. 4.730-012.0



Suction filter without non-return valve

Without non-return valve, brass

Order no. 4.730-019.0



Telescopic spray lance

Telescopic jet pipe

Order no. 6.394-690.0



Trigger guns**High-end HP trigger gun**

High end trigger guns with optimized flow. Low pressure losses even with water quantities up to 2,500 l/h. Robustness and a long service life for professional use. Food grade and seawater-resistant materials are ideal for use in the food industry. Connection for HP hoses M 22 x 1.5.

Order no. 4.775-823.0

**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. 4.767-001.0

**Triple nozzles****Triple jet nozzle 032**

Order no. 4.767-195.0

**Triple jet nozzle 033**

Order no. 4.767-146.0

**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, 280 mm

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. 4.760-387.0



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 13 R1" / R 3/4", up to 30 °C

Order no. 4.440-038.0



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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HDS 5/11 U



Water supply hose

Water supply hose

NW 19 R1" / R1", up to 85 °C

Order no. 4.440-270.0



Wet blasting attachment (without nozzle)

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



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

