

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 (kW)	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

WC and gutter lance

Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.

Order no. 4.760-073.0



Automatic, self-winding hose reels

Hose reel, automatic, 20 m, painted

Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.

Order no. 2.639-919.0



Automatic, self-winding hose reels**Swivel holder**

Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose. Rotatable 120°. Galvanised steel.

Order no. 2.639-931.0

**Hose reel, automatic, 20 m, stainless steel**

Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.

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 sprong 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 connector/screw connector

Nozzle connector/screw connector for connecting high-pressure nozzles and accessories to the high-pressure trigger gun (with nozzle connector). Connectors: 1x M 22 x 1.5 and 1x M 18 x 1.5.

Order no. 4.402-0220



Coupling

Double connector

Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.

Order no. 4.403-0020



Cup foam lance

Cup foam lance

Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.

Order no. 6.394-668.0



Tank 1L

Order no. 6.414-954.0



Dirt Blaster

Dirt blaster

The dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Ceramic nozzle and bearing ring for a long service life. Further data: Max. 180 bar, 18 MPa, 60°C.

Order no. 4.767-0220



Doppelstrahlrohr

Double lance 960 mm

960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use (e.g. stable cleaning).

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 high-pressure trigger gun for high-pressure hoses with rotating connector.

Order no. 4.775-529.0



Easy press high-pressure trigger gun with softgrip

Easy press high-pressure trigger gun with softgrip. For high-pressure hoses DN 6 and DN 8 with 11 mm swivel diameter.

Order no. 4.775-463.0



Easy press high-pressure trigger gun with softgrip

Easy press high-pressure trigger gun with integrated adapter for connecting to high-pressure hoses M 22 x 1.5.

Order no. 4.775-466.0



Fine-mesh water filter**Fine-mesh water filter with adapter**

Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".

Order no. 4.730-1020

**Flexible spray lance****Flexible lance 1050 mm**

1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.

Order no. 6.394-654.0

**Flue pipe****Flue gas adapter**

Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).

Order no. 4.656-149.0

**Flue gas adapter**

Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).

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 surface cleaner

Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.

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 nozzles)

Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.

Order no. 3.637-001.0



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Machine-specific nozzle kit for HSC##

Nozzle kit for surface cleaners (type-specific) 450 - 500 l/h

Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (450 to 500 l/h).

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 for Order No. 3.637-001, high-pressure for machines up to 1100 l/h.

Nozzle insert for detergent injector 3.637-001 for high-pressure detergent application. For high-pressure cleaners with a water flow rate up to 1100 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 kit for wet blasting attachment 035

Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment performance. Only in combination with wet blasting attachment 4.762-010/-022.

Order no. 2.638-526.0



Nozzle union

Nozzle connector

For protecting and connecting Kärcher power nozzles to spray lances (M 18 x 1.5 IG).

Order no. 5.401-210.0



Pipe cleaning hose, ID 6

Pipe cleaning hose

20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).

Order no. 6.390-028.0



Pipe cleaning hose, DN 6, 30 m

30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).

Order no. 6.390-029.0



Pipe cleaning hose, DN 6, 20 m, 220 bar

20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).

Order no. 6.390-030.0



Pipe cleaning nozzle

Pipe cleaning nozzle

16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.

Order no. 5.763-015.0



Pipe cleaning nozzle

Pipe cleaning nozzle

16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.

Order no. 5.763-016.0



Pipe cleaning nozzle

30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.

Order no. 5.763-017.0



Rotating pipe cleaning nozzle

Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.

Order no. 6.415-428.0



Power nozzle spray angle 25°

Power nozzle 25° spray angle

Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.

Order no. 2.883-803.0



Push-on washing brush

Push-on wash brush, M 18 x 1.5

Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.

Order no. 4.762-016.0



Push-on washing brush

Push-on wash brush

Push-on wash brush for double/triple nozzle. Simply push on to 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

Rollover nozzle holder for contactless changeover from pencil jet to fan jet as well as low-pressure detergent injection via knurled nut. Without nozzle insert. (Additional type-specific power nozzle).

Order no. 4.764-0120



Rotary coupling

Rotary coupling

Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.

Order no. 4.401-091.0



Rotating washing brush

Rotating washing brush for $\geq 800\text{ l/h}$ high-pressure cleaners

The rotating wash brush driven by the water jet is suitable for $> 800\text{ l/h}$ high-pressure cleaners; gently and effectively removes fine dust and grime from all surfaces.

Order no. 4.762-284.0



Rotating washing brush for $\geq 800\text{ l/h}$ high-pressure cleaners

The rotating wash brush driven by the water jet is suitable for $> 800\text{ l/h}$ high-pressure cleaners; gently and effectively removes fine dust and grime from all surfaces.

Order no. 4.762-288.0



Shut-off cock

Shut-off valve

Shut-off valve for ease of use and convenient control of the pipe cleaning hose via convenient on/off function. Connects to the high-pressure cleaner (M 22 x 1.6).

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

550 mm lance, non-rotatable

550 mm stainless steel lance. With manual coupling. Non-rotatable.

Order no. 4.760-665.0



Lance 250 mm, non-rotatable

250 mm stainless steel lance. With manual coupling. Non-rotatable.

Order no. 4.760-667.0



standard

High-pressure hose, 10 m DN 6, AVS trigger gun connector

10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 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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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 filter with check valve

Brass suction filter suitable for ponds, storage tanks, etc. With check valve.

Order no. 4.730-0120



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 high-pressure trigger gun

Robust, professional trigger gun made of food-grade and seawater resistant materials. With optimised flow for low pressure loss at water flow rates of up to 2500 l/h.

Order no. 4.775-823.0



Triple nozzle, touchless changeover

Triple nozzle, touchless changeover

Triple nozzle with high-pressure pencil jet (25°) and low-pressure fan jet (40°). Fast and easy jet changeover by turning the nozzle.

Order no. 4.767-001.0



Triple nozzles

Triple jet nozzle 032

Order no. 4.767-195.0



Triple nozzle 033

Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For high-pressure cleaners with injector; low-pressure fan jet for detergent removal and application. Connector M 18x1.5.

Order no. 4.767-146.0



Undercarriage spray lance

Underbody lance

Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.

Order no. 4.760-245.0



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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 variable pressure lance with integrated pressure gauge. Variable pressure adjustment on the handle. Nozzle connector: M 24 x 1.5. Low pressure detergent application.

Order no. 4.760-362.0



Variable pressure lance

1040 mm pressure adjustable lance with integrated pressure gauge. Variable pressure adjustment on the handle. Nozzle connector: M 24 x 1.5. Low pressure detergent application.

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



Upright class

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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 nozzles)

Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.

Order no. 4.762-010.0



Wet blasting attachment without flow control (nozzles not included)

Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet. Without flow control.

Order no. 4.762-0220

