

Powerful high-pressure cleaner rated for maximum cleaning performance and equipped to provide excellent user convenience. The HDS 2000 Super is used in the automobile industry, construction industry, agriculture and large company fleets.

Standard accessories:

- Trigger gun : Easy Press
- Trigger gun with soft grip
- High-pressure hose 15 m Longlife
- Spray lance 1050 mm
- Power nozzle
- Servo-Control
- Anti-twist system (AVS)
- Galvanized and powder coated chassis
- Three piston axial pump with ceramic piston
- Pressure switch control
- Optional two-lance operation
- Pole reversing plug (three-phase)
- SDS system
- Electronic service control with LED display
- 2 pump units with ceramic sleeves
- 2 detergent tanks



Order number: 1.071-111.0

Technical data

Power supply (Ph/V/Hz)	3/400/50
Water flow rate (l/h)	800-1850
Pressure (bar/MPa)	30-180/3-18
Max. temperature (°C)	max. 80-max. 98
Connected load	2 x 6.7
Consumption fuel oil (kg/h)	12.3
Fuel tank (l)	25
Weight (kg)	280
Dimensions (L x W x H) (mm)	1500x834x1015
Detergent tank (l)	25
Detergent tank (l)	25-25

Details

Description

The HDS 2000 Super hot water high-pressure cleaner has been developed to clean large areas where soiling is extremely heavy. Two 4-pole motors drive two three-piston axial pumps which deliver 1,800 litres/hour at a pressure of 180 bar.

The HDS 2000 Super's high throughput enables two spray lances to be used at the same time. Despite this exceptional performance, the HDS Super is a mobile unit whose large diameter wheels and two casters provide good manoeuvrability. Special attachment points are provided for mechanical handling and transportation with a fork-lift truck.

The two high-pressure pumps are equipped with ceramic pistons and a brass cylinder head. They are started via a sequence starting control and switched on and off via built-in pressure sensors, depending on whether one or two spray lances are being used. Two integral fine-mesh water filters protect the pump against impurities in the water supply.

The oil-fired boiler features all the time-proven Kärcher benefits, plus a flame monitor which means the unit can be operated unattended in static applications.

Pressure, water flow rate and temperature can be adjusted directly on the trigger gun. An additional control on the trigger gun allows the operator to switch chemical feed on and off as required.

The further improved electronic module records all relevant operating data, shows possible sources of faults and tells the operator when servicing work is due.

The motors' direction of rotation is also checked and can be easily corrected if necessary with the standard pole-changing plug.

Application

Cleaning construction machinery and vehicles

Cleaning of trucks

Cleaning tasks at sewage works,

Cleaning stables, barns, cow houses and machinery on large farms

High water flow rate ensures speed and efficiency, even where soiling is very heavy

Flushing action is an advantage

Features & Benefits

"Emission-Control" by flue gas monitor

Effective use of fuel, maximum flue gas values

"Service-Control", electronic monitoring

Protection from malfunction and for recording operation data by LED indicating maintenance intervals as well as any malfunction which can be rectified by the user

2 endurance tested three-phase 4-pole motors with double safety circuit (Bi-metal protection a pressure switch in the air flow)

Strong drive with double overload protection, automatic cut-out of machine, motor protection if one phase fails, second motor starts delayed

Additional detergent tank

Different possibilities of use, different possibilities of adding detergent-agent

Boiler and burnersystem:

Brass cylinder head with integrated pressure and water flow control, infinitely variable, steam stage

Resistant to detergents, adjustment to all cleaning jobs

Compact high-performance burner, vertical heating coil, turbo fan to increase pressure of combustion air, heating capacity 131 kW/113.000 kcal

Even heat distribution, no corrosion due to condensation, emission values are controlled and significantly lower than the statutory values

Delayed fuel injection

Clean start

Detergent remote controlled from the gun

Direct drive from one motor shaft of high-pressure pump, fan for the combustion air and the fuel pump

Compact construction, maximum use of performance, less prone to fault

Drive unit

High-pressure pumps:

Miscellaneous:

Pressure switch control, switch-off point adapted to operating pressure

Machine stops at a pre-selected point when gun is closed, relieves high pressure system and motor

Safety and control equipment:

Scale inhibitor (DGT) with level indicator

Prevents scale deposits

Servopress

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 number 4.762-075.0



Add-on kit for two-lance operation

Add-on kit for two-lance operation

Distributor, spray lance, trigger gun, HP hose, power nozzle 25°.

Order number 2.638-734.0



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 number 4.760-073.0



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 number 6.415-083.0



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 number 4.402-022.0



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 number 4.403-002.0



Dirt blaster – non-changeover

Dirt blaster - without changeover function

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. 300 bar, 30 MPa, 85°C.

Order number 4.763-930.0



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 number 6.394-665.0



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

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 number 4.775-466.0



Fine-mesh water filter

Fine mesh water filter, 90-120 µm, R 1", suitable for pressure and suction mode

Mounts to machine, suitable for pressure and suction mode, 90-120 µm

Order number 2.638-255.0



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 number 4.730-102.0



Fine-mesh water filter, 100 µm, R 1"

Fine-mesh water filter, 100 µm, max. temperature 60°C. Connects to high-pressure cleaner. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connector 1".

Order number 2.638-270.0



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 number 4.656-079.0



Foam nozzle mounting kit

Foam nozzle kit

Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long application times are necessary.

Order number 2.637-926.0



Geka coupling

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

Order number 6.388-455.0



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

Order number 6.388-458.0



Geka coupling with hose liner, 1"

Order number 6.388-465.0



Hard surface cleaner FR 50

FR 50 surface cleaner

Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas. With double ceramic bearings, push handle, non-marking swivel castors and detergent dosing system.

Order number 2.640-679.0



Hose reel add-on kit

Hose reel kit for HD/HDS 2000 Super

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 number 2.638-513.0



HP detergent injector

Detergent injector for high pressure

Cleaning agent dosage at high pressure 3 - 5 %

Order number 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 number 3.637-001.0



HP nozzle spray angle 0°

HP nozzle spray angle 0°

Solid jet for very stubborn dirt and stains.

Order number 2.884-544.0



Longlife 400 with unions on both sides

High-pressure hose 1.5 m, DN 8, including connectors

1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).

Order number 6.390-178.0



Machine-specific nozzle kit for HSC##

Nozzle pack for hard surface cleaners (machine-specific) 1300 - 1,800 l/h

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

Order number 2.640-781.0



Nozzle insert with order no. 3.637-001

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 number 4.769-002.0



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 number 4.769-006.0



Nozzle pack for wet blasting attachment

Nozzle pack for wet blasting attachment

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 number 2.637-910.0



Nozzle protector for steam nozzle

Nozzle protector (rubber)

Nozzle protector for steam nozzles 4.766-023 and 4.766-024.

Order number 5.394-059.0



Nozzle union

Nozzle connector

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

Order number 5.401-210.0



Pipe cleaning nozzle

Pipe cleaning nozzle

24 mm brass pipe cleaning nozzle with external thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.

Order number 5.763-012.0



Pipe cleaning nozzle

24 mm brass pipe cleaning nozzle with external thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.

Order number 5.763-013.0



Power nozzle spray angle 15°

Power nozzle spray angle 15°

Fan jet nozzle for stubborn dirt and stains.

Order number 2.883-396.0



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 number 2.883-785.0



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 number 4.762-016.0



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 number 6.401-458.0



Plug nipple

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

Order number 6.401-459.0



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 number 4.764-012.0



Rotary coupling

Rotary coupling

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

Order number 4.401-076.0



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 number 4.401-091.0



Rotating spray lances

1050 mm lance, rotatable, ergonomic

1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order number 4.760-660.0



Rotatable lance, 600 mm, ergonomic

600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order number 4.760-664.0



Lance 850 mm, rotatable, ergonomic

850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order number 4.760-663.0



Lance 1550 mm, rotatable, ergonomic

1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order number 4.760-661.0



Rotating spray lances

Lance 2050 mm, rotatable, ergonomic

2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order number 4.760-662.0



Rotating washing brush

Rotating wash brush for > 800 l/h high-pressure cleaners

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

Order number 4.762-283.0



Rotating wash brush for > 800 l/h high-pressure cleaners

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

Order number 4.762-287.0



Servo Control

Servo control

Servo control for water flow and pressure control (> 1100 l/h) on the trigger gun.

Order number 4.775-471.0



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 number 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 number 5.394-294.0



Special hoses

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

Order number 6.388-886.0



Spray lance

Lance 250 mm, non-rotatable

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

Order number 4.760-667.0



Standard with unions on both sides

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

15 m high-pressure hose M 22 x 1.5) with kink protection and threaded couplings at both ends. Further data: DN 10/155°C/220 bar.

Order number 6.390-023.0



Steam nozzle

Steam nozzle

50° flat jet for cleaning and thawing operations in steam mode, e.g. thawing sand and gravel, de-icing formwork, dewaxing vehicles.

Order number 4.766-024.0



Suction filter

Suction filter with check valve

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

Order number 4.730-012.0



Suction filter without non-return valve

Without non-return valve, brass

Order number 4.730-019.0



Water filter

Order number 6.414-956.0



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 number 4.775-823.0



Undercarriage spray lance

Underbody lance

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

Order number 4.760-245.0



Variable pressure spray lance

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 number 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 number 4.760-230.0



Water supply hose

Water supply hose

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

Order number 4.440-207.0



Water supply hose

NW 19 R1" / R1", up to 85 °C

Order number 4.440-270.0



Hot water super class

HDS 2000 Super



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 number 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 number 4.762-022.0



Y distributor

Y distributor

Order number 4.405-048.0

