

with combustion engine

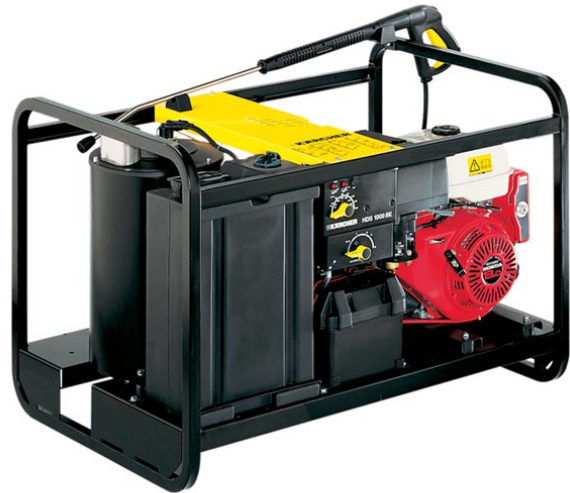
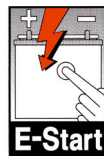
HDS 1000 DE



Petrol-fuelled hot-water high-pressure cleaner with float tank, anti-scale protection, fuel shortage safeguard, steam level and infinitely variable pressure and water flow rate. Detergent mixture at high pressure. Electric and manual start.

Standard accessories:

- Trigger gun Easy Press
- Trigger gun with soft grip
- High-pressure hose 15 m
- Spray lance 1050 mm
- Triple nozzle (0°/25°/40°) Power nozzle
- Cage frame
- Anti-twist system (AVS)
- Stainless steel spray lance 1050 mm
- Electric starter
- Power nozzle
- Servo Control
- Sturdy tubular steel frame for handling with crane



Order no.: 1.811-936.0

Technical data

Pressure (bar/MPa)	40-200/4-20
Water flow rate (l/h)	450-900
Max. temperature (°C)	max. 98-max. 80
Consumption fuel oil (kg/h)	5.6
Engine type	L 100 AE/diesel
Engine manufacturer	Yanmar
Engine performance, net.	-
Engine performance, gross (kW/hp)	7.4/10
Weight (kg)	185
Dimensions (L x W x H) (mm)	1130x750x855

with combustion engine

HDS 1000 DE



Details

Description

Powerful, hot water high-pressure cleaner with robust four-stroke diesel engine and electric starter for operation independent of an electricity supply. All components are accommodated in a sturdy tubular steel frame which provides all-round protection during heavy-duty applications. The frame is specially designed for mechanical handling with a crane or fork-lift truck. The engine is equipped with an automatic speed reducing facility which lowers the noise level during work breaks and greatly extends the service life of the high-pressure cleaner. The standard electric starter enhances starting comfort. High-grade materials in the high-pressure pump, i.e. brass cylinder head, stainless steel valves, nickel-chromium plated stainless-steel pistons, help guarantee a long service life and superior running characteristics. A pressure relief valve, integral pressure and water flow controls as well as the steam mode ensure that performance can be ideally matched to different cleaning tasks. The high-performance burner, with upright heater coil and non-detonating continuous ignition, has an infinitely variable setting between 86°F and 284°F. Safety features, such as the low oil cut-out, safety valves, low water cut-out and low heating oil cut-out help protect the machine in tough day-to-day operating conditions. The float tank with its integrated drip-feed scale inhibitor (DGT) reliably isolates the unit from the drinking water main and protects all components that come into contact with water from scale and other deposits.

Application

For mobile applications Designed for professionals Optimum cleaning power For everyplace where there is no convenient electricity supply For rental businesses, construction companies, farms and forestry services as well as local governments

Features & Benefits

Air-cooled 10 HP four-stroke diesel engine L 100 AE/diesel with electric starter. Easy to start, robust, high-performance, self-sufficient mobility Automatic revolution reduction during work interruptions Lower noise level, increased service life Boiler and burner system: Brass cylinder head with suction and pressure valves from high-grade steel Long service life, allows use of a wide range of detergents, Drive: Fuel control light and deficiency protection Automatic burner cut-out, fuel pump does not run dry High performance burner with permanent ignition, vertical heating coil, heating performance 71 kW/ 61000 kcal Even heat distribution, no corrosion due to condensation, emission values are lower than the standards High-pressure pump: Miscellaneous: Safety and control equipment: Servopress Convenient pressure and water amount adjustment on the trigger gun Sturdy tube frame chassis, powder coated, 2 big air filled wheels, 1 castor with built-in brake, 2 ergonomic handles Overall protection to avoid damage, easy to load with a crane or forklift, corrosion resistant Water deficiency cut-out Burner is automatically switched off when water supply is low, protection against overheating

with combustion engine

HDS 1000 DE



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



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



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



with combustion engine

HDS 1000 DE



Automatic, self-winding hose reels

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



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



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



with combustion engine

HDS 1000 DE



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 – 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. 4.763-951.0



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



with combustion engine

HDS 1000 DE



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



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, 100 µm, R 1"

Mounts to machine inlet, 100 µm

Order no. 2.638-270.0



with combustion engine

HDS 1000 DE



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 no. 2.638-255.0



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 gas adapter

Flue gas adapter

With draught cut-off for connection to flue pipe.

Order no. 4.656-066.0



Flue gas adapter

with draught cut-off, for connection to flue pipe.

Order no. 4.656-058.0



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



with combustion engine

HDS 1000 DE



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



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



with combustion engine

HDS 1000 DE



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



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 HDS 801/1050 B/D

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. 2.637-733.0



with combustion engine

HDS 1000 DE



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



HP nozzle spray angle 0°

HP nozzle spray angle 0°

Solid jet for very stubborn dirt and stains.

Order no. 2.884-536.0



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



with combustion engine

HDS 1000 DE



Longlife 400

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. 3.637-170 750-1000 l/h

For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union

Order no. 4.769-047.0



with combustion engine

HDS 1000 DE



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

Nozzle 030 for dual nozzle operation HKF 50

Nozzle for dual-nozzle operation

Order no. 6.415-444.0



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



with combustion engine

HDS 1000 DE



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

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 700 - 1,000 l/h

Optimal adaptation to different machine outputs for economic use.

Order no. 2.640-688.0



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 protector for steam nozzle

Nozzle protector (rubber)

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

Order no. 5.394-059.0



with combustion engine

HDS 1000 DE



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, 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 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

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

Order no. 6.390-028.0



Power nozzle spray angle 15°

Power nozzle, spray angle 15°

Fan jet nozzle for stubborn dirt and stains.

Order no. 2.883-390.0



with combustion engine

HDS 1000 DE



Power nozzle spray angle 25°

Power nozzle spray angle 25°

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

Order no. 2.883-894.0



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



with combustion engine

HDS 1000 DE



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

Jet pipe complete grey 1050mm

Grey, rotating food-grade spray lance for use in the food industry. All parts through which water flows are made of food-grade materials.

Order no. 4.760-655.0



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



with combustion engine

HDS 1000 DE



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 <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



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



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



with combustion engine

HDS 1000 DE



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, 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



with combustion engine

HDS 1000 DE



standard

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



Stationäre Hochdruckanlagen

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

Order no. 6.388-886.0



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 no. 4.766-024.0



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



with combustion engine

HDS 1000 DE



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



Water supply hose

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

Order no. 4.440-207.0



with combustion engine

HDS 1000 DE



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



Wheel mounting kit

Tyre kit für HDS 1000 BE/DE

Convenient manoeuverability with air-filled tyres.

Order no. 2.637-820.0

