

with combustion engine

## HDS 801 D Cage



Mobile hot water high-pressure cleaner with combustion engine for the universal use where no power supply is available.

### Standard accessories:

- Trigger gun extended
- High-pressure hose 10 m
- Spray lance 550 mm
- Triple nozzle (0°/25°/40°)
- Cage frame
- Anti-twist system (AVS)
- Sturdy tubular steel frame for handling with crane



**Order number: 1.210-105.0**

### Technical data

Pressure (bar/MPa)	140/14
Water flow rate (l/h)	600
Max. temperature (°C)	max. 98
Consumption fuel oil (kg/h)	3.7
Engine type	15 LD 225 / Diesel
Engine manufacturer	Lombardini
Engine performance, net.	-
Engine performance, gross (hp)	3.5/4.8
Weight (kg)	130
Dimensions (L x W x H) (mm)	1168x862x767

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## Details

### Description

The hot water high pressure cleaner HDS 801 D features a high performance, robust air cooled 4.8 HP OHV Lombardini diesel engine with a pull cord starter.

Engine and pump are installed on anti-vibration mounts in a sturdy, easily transported tubular steel frame for reliable protection against damage. Frame is powder coated to protect it against corrosion and has accessory holders to accommodate the standard accessories. Two large diametered air tyred wheels and a castor with a brake ensure convenient mobility and easy transportation.

Durable, fully enclosed three-piston axial pump with swashplate drive ensures outstanding efficiency and an extra long wear life.

Safety features like the oil deficiency protection, safety valves, water deficiency protection and the fuel deficiency protection ensure the constant availability of the unit during the tough daily use. The integrated fuel tank can be filled easily and enables long operating times. Detergents can be added to the high-pressure stream with an infinitely variable valve.

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### Application

Mobile unit which operates independent of electricity

For building contractors

For farmers and the forestry industry

For and local governments

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### Features & Benefits

Drive:

Air-cooled 4,8 PS - LOMBARDINI commercial diesel engine, pull cord start

Robust, powerfull, self-sufficient mobility

High-pressure pump:

Brass cylinder head with suction and pressure valves from high-grade steel

Long service life, allows use of a wide range of detergents, long service life, overload protection

Boiler and burner system:

High performance burner with permanent ignition, vertical heating coil

Even heat distribution, no corrosion due to condensation, emission values are lower than the standards, no risk of explosions

Safety and control equipment:

Oil deficiency cut-out

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Reliable engine protection by automatic cut-out when oil level is low

Water deficiency cut-out

Burner is automatically switched off when water supply is low, protection against overheating

Miscellaneous:

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 move, safe parking, corrosion resistant

Accessory holders and nozzle holder on the frame chassis

Accessories are always at hand and tidy, safe storing of the triple nozzle and Dirt Blaster

Large removable fuel tank

Long operating times, easy to fill

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## 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 number 4.424-004.0**



### 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**



### 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 number 2.639-919.0**



#### 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 number 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 number 6.391-421.0**



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### 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 sprung drive. Connection for HP hoses with nipple.

Order number 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 number 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 number 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 number 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 number 4.402-022.0



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### 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



### 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 number 6.394-668.0



### Tank 1L

Order number 6.414-954.0



### Dirt blaster - changeover to fan jet

#### 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 number 4.763-956.0



### 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 number 4.763-950.0



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### 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 4.763-252.0**



### 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 Foam Set

#### Easy Foam Set with RM injector

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 number 2.640-691.0**



### 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 number 4.775-529.0**



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### Fine-mesh water filter

#### Fine-mesh water filter, 100 µm, R 3/4"

Fine-mesh water filter, 100 µm, max. temperature 60°C. Protects the high-pressure cleaner from dirt particles contained in the water. Transparent filter cup. Water flow rate up to 1200 l/h. Connector 3/4".

Order number 2.637-691.0



### 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



### 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 number 6.394-654.0



### 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 1/2"

with hose liner

Order number 6.388-461.0





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### 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 3/4"**  
with female thread

**Order number 6.388-473.0**



### 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 number 2.640-355.0**



### Hard surface cleaner FRV 30

#### FR Venturion

With the integrated, automatic suction of the waste water the FRV 30 allows more efficient surface cleaning for indoor and outdoor usage. The inconvenient flushing of the surface after cleaning is not necessary anymore because the waste water can be drained off well-directed through the included 5m suction hose. Non-marking wheels and ceramic bearings are further quality features. Machine specific nozzle kit has to be ordered separately. Max. 250 bar / 1000 l/h / 60°C.

**Order number 2.642-169.0**



#### Nozzle kit 040 - for FRV 30

Kärcher FRV 30 nozzle kit includes power nozzles and venturi nozzle for optimal cleaning performance. Special fitting tool included.

**Order number 2.642-431.0**



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### Hard surface cleaner FRV 30

#### Extension hose 5 m

5m extension hose for FRV 30. Connection sleeve included.

Order number 4.440-939.0



### 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 number 3.631-039.0

### 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 number 2.637-733.0

### 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



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### HP hoses with swivel 10 mm

#### 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 number 6.389-853.0



#### High-pressure hose, 15 m DN 6, AVS trigger gun connector

15 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 number 6.390-174.0



#### High-pressure hose, 15 m, DN 6, AVS trigger gun connection, food industry, grey

Food industry version, AVS connection in the pistol. NW 6/155 °C/250 bar

Order number 6.390-445.0



### HP nozzle spray angle 0°

#### High-pressure nozzle with 0° spray angle

High-pressure nozzle with powerful jet for extremely stubborn dirt.

Order number 2.884-533.0



### Longlife 400

#### High pressure hose DN 6, 10 m, Longlife

With patented AVS connection in the trigger gun (pivot-mounted).

Order number 6.391-882.0



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### 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



### Longlife food industry version

#### High-pressure hose Longlife 400, 15 m, DN 6, 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 number 6.391-888.0



### Machine-specific nozzle kit for HSC##

#### Nozzle kit for surface cleaners (type-specific) 500 - 650 l/h

Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (500 to 650 l/h).

Order number 2.640-401.0



### 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 number 4.769-046.0



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### 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 number 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 number 4.769-001.0**



### Nozzle kits for Inno/Easy Foam Set

**Nozzle kit 055 for Inno/Easy Set 500 - 600 l/h**

Optimal adaptation to different machine outputs for economic use.

**Order number 2.640-870.0**



### Nozzle pack for wet blasting attachment

**Nozzle kit for wet blasting attachment 040**

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 number 2.637-900.0**



### 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 number 6.390-028.0**



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### Pipe cleaning hose, ID 6

#### 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 number 6.390-029.0



### Power nozzle spray angle 15°

#### Power nozzle 15° spray angle

Fan jet nozzle with 15° spray angle suitable for stubborn dirt.

Order number 2.883-388.0



### 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 2.883-805.0



### Power nozzle spray angle 40°

#### Power nozzle 40° spray angle

Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

Order number 2.884-522.0



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### Push-on washing brush

#### Push-on wash brush

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

**Order number 4.762-328.0**



#### 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**



#### Push-on washing brush

With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles.

**Order number 4.762-497.0**



### 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**



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### 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 number 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 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

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 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**





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## HDS 801 D Cage



### 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 4.762-287.0



### 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



### Special hoses

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

Order number 6.388-886.0



### Spray lance

#### 550 mm lance, non-rotatable

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

Order number 4.760-665.0



#### Lance 250 mm, non-rotatable

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

Order number 4.760-667.0



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### 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



### Telescopic spray lance

#### Telescopic jet pipe

Order number 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 number 4.775-823.0



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### Triple nozzle, touchless changeover

#### Triple nozzle, touchless changeover

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

**Order number 4.767-112.0**



### Triple nozzles

#### Triple nozzle 038

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 number 4.767-149.0**



### Water supply hose

#### Water supply hose

NW 13 R1" / R 3/4", up to 30 °C

**Order number 4.440-038.0**



#### Water supply hose

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

**Order number 4.440-207.0**



### 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 number 4.762-010.0**



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### Wet blasting attachment (without nozzle)

#### 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

