

KÄRCHER HDS 1000 DE

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 30°C and 140°C.

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.

Features:

- Drive: 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.
- 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.
- Boiler and burner system: High performance burner with permanent ignition, vertical heating coil, heating performance 59 kW. Even heat distribution, no corrosion due to condensation, emission values are lower than the standards.
- Safety and control equipment: Fuel control light and deficiency protection. Automatic burner cut-out, fuel pump does not run dry. Water deficiency cut-out. Burner is automatically switched off when water supply is low, protection against overheating.
- Accessories: Servopress - Convenient pressure and water flow adjustment on the trigger gun.
- 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 load with a crane or forklift, corrosion resistant.

Standard Features

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

Part no. 1.811-938.0

TECHNICAL SPECIFICATIONS

Dimensions (L x W x H)	1130 x 750 x 855 mm
Operating pressure	40-200/4-20 bar/MPa
Water flow rate	450-900 l/h
Weight	185 kg
Engine Manufacturer	Yanmar
Power rating Motor	7,4/10 kW/hp
Engine type	L 100 AE/diesel
Max. Temperature (feed 12°C)	Max. 98-Max. 80 °C
Consumption light fuel oil	5,6 kg/h



(**Above picture includes optional wheel kit**)