

Our new medium and super class hot water high-pressure cleaners not only do a first-class job of cleaning, they are also extremely rugged and simple to operate. The new ECO mode, unique to Kärcher, makes them truly unbeatable. When the machine is set to this mode it operates automatically in the most economical temperature range. This not only saves running costs, it is also good for the environment.

Standard accessories:

- Trigger gun Easy Press
- Trigger gun with soft grip
- High-pressure hose 10 m Longlife
- Spray lance 1050 mm
- Power nozzle
- Servo Control
- Anti-twist system (AVS)
- Three piston axial pump with ceramic piston
- Pressure switch control
- Pole reversing plug (three-phase)
- SDS system
- Electronic service control
- Electronic service control with LED display
- 2 detergent tanks
- Dry run cut-out

**Order no.: 1.071-601.0****Technical data**

Number of current phases (Ph)	3
Frequency Hz	50
Voltage V	400
Water flow rate (l/h)	600-1200
Pressure (MPa)	30-180/3-18
Max. temperature (°C)	155-80
Connected load	8.4
Consumption fuel oil (kg/h)	5.7
Fuel tank (l)	25
Weight (kg)	178
Dimensions (L x W x H) (mm)	1330x750x1060
Detergent tank (l)	20
Detergent tank (l)	20-10

Details

Description

The hot water high-pressure cleaners of the new middle- and super-class convince with their 6 main features. 1. Environmental protection Greater efficiency with the new ECO mode, service switch for controlling water hardness, turbo fan, precision detergent metering, optimized burner technology and a high-efficiency pump. 2. User friendliness This is ensured by a central, clearly arranged control panel designed for intuitive operation, a spray lance holder, LED display, an integral, low-friction hose reel for 20 metres hose that swivels through 180°, and much more. 3. Cleaning performance Highly efficient cleaning is guaranteed by patented nozzle technology, ceramic pistons, turbo fan as well as increased pump efficiency. Accessories are optimized for specific applications and designed to exactly suit customer requirements. 4. Mobility The mobility concept features two casters, large rubber-tyred wheels, ergonomic handles, lifting points for handling with a forklift, lashing rings and a recessed tread for tilting the machine to guarantee maximum manoeuvrability. 5. Reliability Guaranteed by flue gas monitoring, a corrosion-proof, flexurally stiff, robust chassis, machine protector system, three-piston axial pump with ceramic pistons, heat resistant flue outlet, and much more. 6. Service friendliness Easy access to all components that require servicing and a service switch to call up operating data at any time for troubleshooting.

Application

For medium-sized shops and automobile business For car washes For chassis washing For engine washing For the pre-wash in car washes General cleaning tasks in the industry, municipalities and agriculture

Features & Benefits

The new ECO mode In the ECO mode the machine operates in the most economical temperature range (60°C) and at the maximum water flow rate. Compared to full-load operation at 80°C, fuel consumption is reduced by up to 20% by optimizing burner operating cycles. Service switch The service switch offers a choice of five settings to suit local water hardness. This allows optimum metered quantities of descaler and corrosion inhibitor to be added. And it prevents the build-up of limescale on the heater coil. Furthermore, operating data (machine service) can be called up at any time. Easy Press and Servo Control The Easy Press trigger gun significantly reduces holding and operating effort. The precise Servo controller allows the user to adjust the water flow rate and operating pressure directly on the trigger gun. Three-piston axial pump The new, optimized pump is characterized by particularly high efficiency and a long service life. Ceramic pistons The three pistons of the axial pump are made of hard, wear-resistant ceramics. This guarantees an exceptionally long wear life. Detergent switch The detergent switch is used to select the exactly metered quantities required from the detergent tanks. In the 'O' position (feed off), the system is rinsed clear with fresh water. 4-pole motor The main features of the 4-pole low-speed motor are its longevity and low noise level. Control panel The controls and LED indicators on the new Kärcher medium and super class hot water high-pressure cleaners are clearly laid out and designed for intuitive operation. Defined lifting points for forklift The new generation of high-pressure cleaners has defined lifting points for handling with a forklift truck – ideal for loading and unloading Lashing rings Defined rope attachment points for safe transportation in a service vehicle. Manoeuvrability Sturdy large diameter wheels with rubber tyres and casters guarantee trouble-free manoeuvrability. This is enhanced by the ergonomic handles, which are suitable for pushing or pulling the machine. Tilting aid The tilting aid enables the machine to be raised at the front to overcome obstacles such as steps, for example. Flue gas temperature sensor The flue gas temperature sensor inside the flue shuts off the machine when the flue gas temperature exceeds 300°C. This ensures greater safety for both the machine and the operator. Chassis The chassis is made of corrosion-free plastic. It has an all-round bump guard and built-in fuel and detergent tanks. Fine mesh water filter The fine mesh water filter upstream

Hot water super class

HDS 12/18-4 S *EU



of the float tank traps suspended matter and protects the high-pressure pump from impurities. SDS Soft damping system The SDS soft damping system compensates for pressure surges in the high-pressure system and prolongs the life of all high pressure components (e.g. heater coil). Low fuel cut-out The unit shuts down automatically when the tank is empty. Machine Protector Adaptation The new machine protector system protects heater coils against the build-up of limescale. The cleaning agents in the machine protector Advance series are formulated to protect and maintain the whole machine. The practical 1-litre bottles are inserted in their integral holders and the high-pressure cleaner immediately identifies the care product being used. New to the range is a care additive for the high-pressure pump which also protects it against black water contamination (rust in heater coil due to very soft water).
