

EFFICIENT WITH HIGH PRESSURE. EVEN MORE EFFICIENT WITH HOT WATER

Kärcher high-pressure cleaners have impressive advantages over pressureless cleaning procedures when it comes to efficiency, cleaning results and eco-friendliness. Hot water high-pressure cleaners (HDS) further enhance these advantages considerably when cleaning stubborn dirt. Kärcher HDS machines are the superior solution, particularly for contamination with oils, fats and proteins. Making them just right for you.



1 Advantages of hot water



Better cleaning result

With hot water, solidified oils and fats dissolve and emulsify considerably better and are therefore easily removable. Hot water is particularly effective in dissolving proteins and fats in the food industry.



Shorter working time

Hot water causes dirt to be loosened much faster, resulting in significant time savings of up to 35%. Thus, a variety of cleaning tasks can be performed cost-effectively and economically.



Reduced use of cleaning agents

In most cases, fats, oils, resins, etc. can be dissolved with just hot water; therefore, significantly less cleaning agent is required and in some cases, may be waived altogether. This protects the environment and saves money and resources.



Germ-reducing effect

A significant reduction in germs can be demonstrated after cleaning with hot water. This germ reduction achieved without disinfectant is sufficient for many hygiene requirements.



Shorter drying time

Surfaces that are cleaned with hot water can be dried faster by using heat and are ready more quickly for further processing.



Protection of surfaces

Protection of sensitive surfaces and the same cleaning effect at a lower working pressure.

2 Environmentally friendly cleaning with biodiesel



All Kärcher hot water high-pressure cleaners can be easily operated with biodiesel. Biodiesel is produced from renewable resources and is CO₂-neutral. Emissions are significantly reduced by means of better combustion characteristics compared with conventional diesel. Promote environmental protection sustainably by using biodiesel.

3 Weed removal with hot water



The hot water destroys the weeds by quickly penetrating down to the roots, killing the plant proteins, causing lasting damage and wiping out the weeds.

- Environmentally friendly, no herbicides.
- Gentle on surfaces.
- Saves time.

HOT WATER PRESSURE CLEANER

Compact & Medium Class



HDS 6/14-4 C

HDS 8/18-4 C

HDS 10/20-4 M

Technical data

Operational pressure (bar/MPa)	30 - 140	30 - 180	30 - 200
Flow rate (l/h)	240 - 560	300 - 800	500 - 1000
Connected load (W)	3600	6000	7800
Consumption of oil - full load (kg/h)	3.5	5	6.4
Fuel tank (l)	15	15	25
Spray lance length (mm)	1050	1050	1050
Weight (kg)	111	119.4	167.3
Order no.	1.170-900.0	1.174-900.0	1.071-905.0

Super & Special Class



HDS 13/20-4 S

HDS-E8/16-4 M 24 kW
Electrically HeatedHDS 1000 DE
Engine Driven

Technical data

Operational pressure (bar/MPa)	30 - 200	30 - 160	40 - 200
Flow rate (l/h)	600 - 1300	300 - 760	450 - 900
Connected load (W)	9300	29500	-
Consumption of oil - full load (kg/h)	8.3	-	5.6
Fuel tank (l)	25	-	34
Spray lance length (mm)	1050	1050	1050
Weight (kg)	188.5	122.1	188.3
Order no.	1.071-927.0	1.030-904.0	1.811-943.0