

# Product Data Sheet

## HDS 7/9-4 M, 7/10-4 M & 7/10-4 MX

Single-Phase Hot Water High-Pressure Cleaners.

Kärcher's medium class single-phase HDS hot water cleaners provide high levels of performance, reliability and economy. With innovative features such as the eco!efficiency mode, offering fuel savings of up to 20% without compromising cleaning performance, the new HDS range provides our customers with the toughness, cleaning power, and low running costs they demand.



eco!efficiency



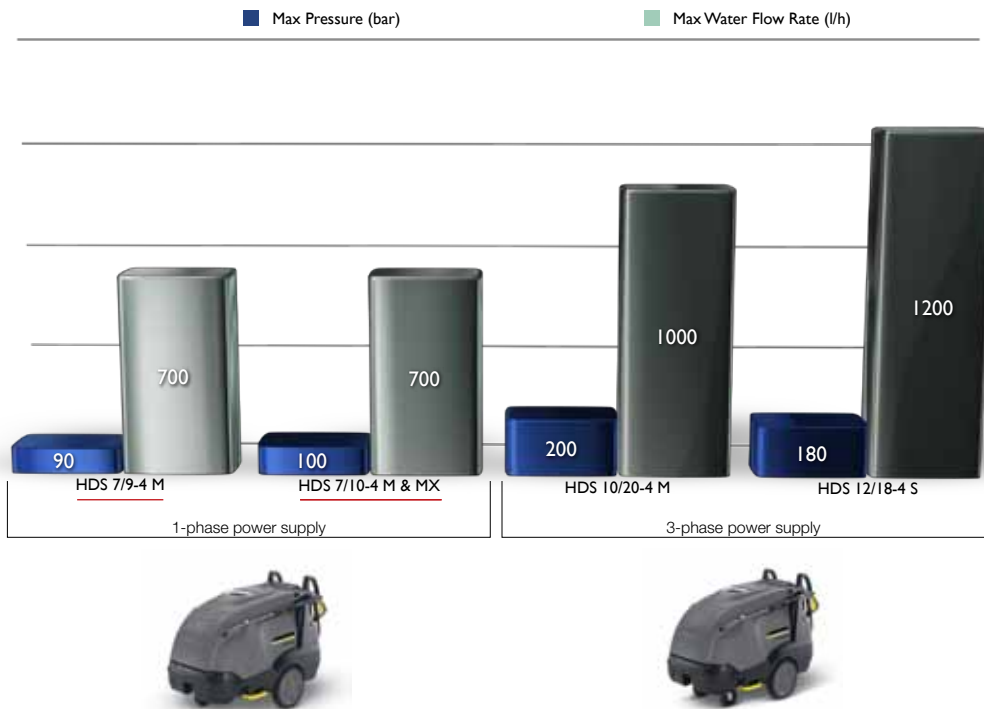
### Features and Benefits:

- Integrated hose reel with 20m high pressure hose (MX model).
- 4-pole, air-cooled electric motor with long-life bearings.
- 3 piston axial pump with ceramic pistons.
- Machine protector chemical system to protect against limescale/black water.
- 3-year heater coil warranty.
- Simple, user friendly control panel with LED warning and service display.
- Service switch to accurately meter machine protector chemical and call up service information.
- eco!efficiency mode offering 20% fuel savings over previous models and full water flow at 60°C.
- New layout offering easy access to all service components and improved mobility.
- Pivoting 1050mm stainless steel spray lance.
- Easy Press trigger gun prevents operator fatigue over long operating periods.
- Low fuel cut-out facility.
- Motor protection switch to protect against overload.
- Flue gas temperature limiter switches off the drive motor if the flue gas exceeds 300°C.



# Range Comparison

Kärcher HDS Single-Phase Hot Water High-Pressure Cleaners



## Accessories

### Standard accessories



Long Life Hp hose  
10m (M) 20M (MX)  
6.391-351.0 10m (M)  
6.390-208.0 20m (MX)



Servopress controller  
20m (M & MX)  
4.775-526.0



EASY press trigger gun (ID6 / ID8)  
4.775-463.0 (M)  
4.775-466.0 (MX)



Spray lance (1050mm)  
4.760-660.0



Power nozzle 25°  
2.883-927.0 (M)  
2.883-401.0 (MX)



Machine protector  
RM 110 Adv  
6.295-299.0

### Optional accessories



10m High-pressure extension hose  
6.389-891.0



Coupling (for extension hose)  
4.403-002.0



Rotary wash brush  
4.762-284.0



Dirtblaster nozzle  
4.763-252.0



FR 30 ME Hard surface cleaner  
2.640-355.0



Nozzle (for FR 30)  
2.639-187.0



Machine protector  
RM 111 Adv  
6.295-287.0

## Technical Specification

	HDS 7/9-4 M	HDS 7/10-4 M	HDS 7/10-4 MX
Power supply Ph/V/Hz	1/110/50	1/240/50	1/240/50
Water flow rate l/h	350-700	350-700	350-700
Pressure (bar/MPa)	30-90/3-9	30-100/3-10	30-100/3-10
Max. temperature (°C)	155/80	155/80	155/80
Connected load (kW)	3.1	3.1	3.1
Consumption, fuel oil (kg/h)	3.4	3.4	3.4
Fuel tank (l)	25	25	25
Detergent tank (l)	20+10	20+10	20+10
Weight (kg)	145	145	152
Dimensions (L x W x H) (mm)	1330 x 450 x 1060	1330 x 450 x 1060	1330 x 450 x 1060
<b>Part Number</b>	<b>1.077-412.0</b>	<b>1.077-411.0</b>	<b>1.077-414.0</b>

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