HDS 9/50 DE TR1

Self-sufficient hot water, high-pressure cleaning at 500 bar pressure! The HDS 9/50 with powerful diesel engine and trailer base is the perfect choice for construction sites, in industry or in the municipal sector.

WORLD'S NO. 1 PRESSURE WASHER BRAND

DESIGN AWARD 2017

Made in Germany

Stage V

4–8 h

Order no.	1.524-521.2

- Automatic speed reduction
- Speed regulation
- Stationary and mobile versions available

Technical data

EAN code		4054278141640
Drive type		Diesel
Motor manufacturer		Yanmar
Motor rating	**kW / hp**	19 / 26
Flow Rate	**l/h**	500 – 900
Pressure	**bar / MPa**	150 – 500 / 15 – 50
Heating oil consumption, eco!efficiency	**kg/h**	7.5
Weight (with accessories)	**kg**	945
Dimensions (L × W × H)	**mm**	3635 × 1747 × 1730

This machine requires instruction.

Scope of supply

Spray gun: Industry
High-pressure hose: 30 m
Spray lance: 700 mm
Power nozzle

Equipment

Pressure adjustment over speed regulation

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Easy operation

- The machine is easy to operate using a central selector switch.
- Easy to set up and dismantle thanks to two optional hose reels in the control area.
- Safe storage thanks to the ample storage options for protective gear, accessories and cleaning agents.

Self-sufficient application

- Large 500 l water tank for up to 30-minute cleaning applications with full water performance.
- With 100 l diesel tank – ideal for long work assignments.
- Powerful Yanmar diesel engines allow the machine to be used independently of any power source.

High flexibility

- Thanks to its configurability, each trailer can be custom-made according to customer requests.
- Available as Skid or Cab variant for mobile application as a trailer or as a stationary solution.

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EQUIPMENT FOR HDS 9/50 DE TR1
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		Order no.	Description	
KITS				
Fleet mounting kit				
Add-on kit	1	2.644-391.0	The IoT module[1)] is used to transmit information on the location and operating hours of battery-powered Kärcher cleaning machines and third-party devices to the equipment management system.	☐
COLD WATER CAGE MACHINES				
High-pressure hoses				
Pressure hose, 3 m, 640 bar, M22 × 1.5	2	6.391-856.0	650 bar, M 22 × 1.5.	☐
Pressure hose, 10 m, 640 bar, M22 × 1.5	3	6.391-848.0	650 bar, M 22 × 1.5	☐
Pressure hose, 20 m, 640 bar, M22 × 1.5	4	6.391-857.0	650 bar, M 22 × 1.5.	☐
Pressure hose, 30 m, 640 bar, M22 × 1.5	5	6.391-020.0	Durable, abrasion-resistant and flexible multi-layer steel-reinforced hose with connection size M 22 × 1.5. Suitable for up to 640 bar working pressure.	☐
Pressure hose, 10 m, 620 bar, M22 × 1.5	6	6.391-846.0	650 bar, M 22 × 1.5	☐
Pressure hose, 20 m, 620 bar, M22 × 1.5	7	6.391-847.0	650 bar, M 22 × 1.5.	☐
Couplings and connectors				
Coupling	8	4.403-004.0	For joining and extending HD hoses. Connection 2 × M 22 × 1.5. Material: Stainless steel.	☐
Lances				
Kärcher industry gun	9	4.775-824.0	650 bar – industrial spray gun with optimised flow. Robustness and durability for professional use. Food-safe and saltwater-resistant materials. Connector for HP hoses M 22 × 1.5.	☐
Shoulder support	10	2.639-251.0	Sturdy shoulder support that must be used from a recoil force of more than 150 N. Fits all Kärcher industrial lances.	☐
Jet tube				
Spray lance	11	4.760-679.0	With nozzle holder.	☐
	12	4.760-653.0		☐
Jet pipe complete 1550 mm 65 MPa	13	4.760-675.3		☐
Spray lance	14	4.760-677.0		☐

☐ Available accessories.

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		Order no.	Description	
COLD WATER CAGE MACHINES				
Pipe cleaning				
Foot valve for pipe cleaning	15	6.470-223.0	Foot valve for convenient and safe use of accessories for effective pipe cleaning.	☐
Pipe cleaning nozzle standard 030 50MPa	16	4.765-013.0	Standard pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection. Nozzle configuration: 3x backward.	☐
Pipe cleaning nozzle Four 030 50MPa	17	4.765-019.0	Quattro pipe cleaning nozzle (500/15) for pipe cleaning hoses with G1/4" threaded connection. The chisel point nozzle configuration is 3x backward and 1x forward.	☐
Pipe cleaning nozzle, Rotor	18	5.763-095.0	Rotor pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection. Nozzle configuration: 3x backward.	☐
Pipe cleaning hose	19	6.392-401.0	Flexible pressure hose (DN 8) for thorough pipe cleaning. 10 m long. Threaded connection for G1/4" nozzle.	☐
	20	6.392-402.0	Flexible pressure hose (DN 8) for thorough pipe cleaning. With threaded connection for G1/4" nozzle and 20 m long.	☐
	21	6.392-403.0	For through pipe cleaning: flexible, 30 m long pressure hose with threaded connection for G1/4" nozzle.	☐
Surface Cleaner				
FRI 50 Me 50 MPa	22	2.643-577.0	Surface cleaner for efficient cleaning of surfaces up to 500 bar and hot water cleaning up to 100°C. 4 convenient steering rollers. Specific nozzle kits must be ordered separately.	☐
Nozzle pack 015 FRI 50	23	6.415-044.0	Nozzle kit specifically for FRI 50 Me Surface Cleaner. Nozzle size: 015.	☐
Abrasive blaster				
Required adapter for abrasive blasters	24	5.401-325.0	M 20 × 1 IG to 9/16" UNF AG.	☐
Replacement nozzle for abrasive blaster	25	6.025-346.0	Replacement nozzle for abrasive spray head made from boron carbide. Colour blue.	☐
F98 nozzle for abrasive blasters	26	6.025-256.0	0.6 mm	☐
NOZZLES				
Power nozzles				
Flat jet nozzle, 15030	27	5.765-164.0	15° flat jet nozzle 15030 for high-pressure cleaner HD 9/50. Suitable for working pressures of up to 500 bar and 900 l/h (electr., HDS trailer).	☐
Screw nozzle				
Dummy nozzle F21	28	6.025-237.0	F21 screw-on dummy nozzle. Suitable for working pressures of up to 3,000 bar.	☐

☐ Available accessories.

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		Order no.	Description	
NOZZLES				
Screw nozzle				
Round jet nozzle F21, Saphir, 0,7 mm	29	6.025-222.0	Screw-on F21 sapphire round jet nozzle with a diameter of 0.70 mm. Suitable for working pressures of up to 3,000 bar.	☐
ROTARY NOZZLES				
Single-jet rotary nozzles				
Tool for changing rotor seat	30	6.025-233.0	For F3, F4, F1, F25.	☐
Power Rotary Jet F8 030, 030, 1,05 mm	31	6.415-069.0	500 bar, 1.05 mm, 900 l/h, M 20 × 1, stainless steel.	☐
Power rotary jet repair kit F8	32	6.025-437.0	Repair kit for power rotary jet, order no. 6.415-915.0. Suitable for 500 bar pressure and 900 l/h water flow rate. Includes rotor, seat and O-ring (28 × 2).	☐
Multi-jet rotary nozzles				
Nozzle body	33	9.917-677.0	Rotary transmission lead-through with infinitely variable speed control. Includes protective pipe.	☐
Nozzle carrier head TD09	34	9.899-828.0	With the VehiclePro Gloss Dryer Nano RM 832 Classic for excellent drying results after washing passenger cars and commercial vehicles in vehicle wash systems. The effective gloss drying aid based on nanotechnology quickly breaks up the water film over a large area for all water hardnesses, thereby offering excellent drying with high-gloss surfaces. The nanostructured layer formed in the process effectively protects the paint for up to one month. RM 832 Classic is also suitable for use with high-pressure cleaners and enables best results in combination with our Active Foam Wash Nano RM with 816 Classic. It is VDA-compliant and contains neither mineral oils nor mineral hydrocarbons. The surfactants used are biodegradable in accordance with EEC 648/2004. With a yield of up to 50 cars per litre, it is also very economical.	☐
SEALS FOR TRAPEZOIDAL THREAD				
Spare part set seals TR	35	2.880-001.0		☐

☐ Available accessories.