

HDS 13/35 DE TR1

The HDS 13/35 trailer can be used self-sufficiently and reaches pressures of 350 bar. It is the perfect solution for hot water high-pressure cleaning in the municipal sector, at construction sites and in industry.



Made in Germany



Stage V



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	650 - 1300
Pressure	bar / MPa	100 - 350 / 10 - 35
Heating oil consumption, eco!efficiency	kg/h	9.3
Weight (with accessories)	kg	945
Dimensions (L × W × H)	mm	3635 × 1747 × 1730

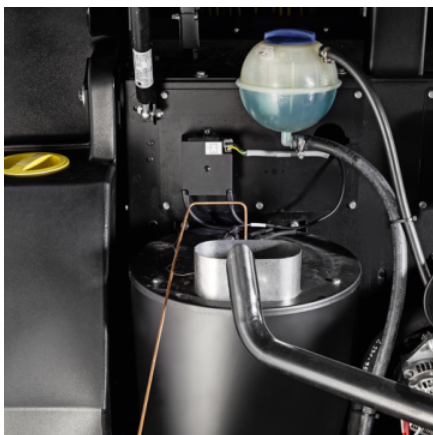
This machine requires instruction.

Scope of supply

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

Equipment

Pressure adjustment over speed regulation



Maximum efficiency

- Highly efficient burner technology.
- Heat recovery through use of waste heat from the engine.
- Environmentally-friendly operation and low operating costs thanks to Kärcher's eco!efficiency mode.



Easy operation

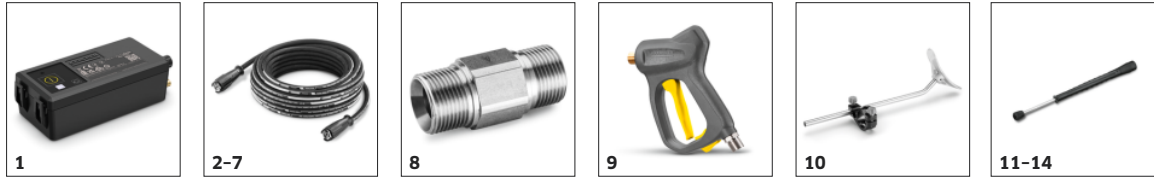
- The machine is easy to operate using a central selector switch.
- Two optional hose reels in operating area allow easy set-up and dismantling.
- Safe and ample storage options for protective equipment, accessories and detergents.



Self-sufficient application

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

EQUIPMENT FOR HDS 13/35 DE TR1 1.524-521.2



		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, 10 m, 620 bar, M22 × 1.5	5	6.391-846.0	650 bar, M 22 × 1.5	☐
Pressure hose, 20 m, 620 bar, M22 × 1.5	6	6.391-847.0	650 bar, M 22 × 1.5.	☐
Pressure hose, 30 m, 620 bar, M22 × 1.5	7	6.391-019.0	Durable, abrasion-resistant and flexible multi-layer steel-reinforced hose with connection size M 22 × 1.5. Suitable for up to 620 bar working pressure.	☐
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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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 050 50MPa	16	4.765-012.0	Standard pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection. Nozzle configuration: 3x backward.	☐
Pipe cleaning nozzle Four 050 50MPa	17	4.765-016.0	For pipe cleaning hoses with G1/4" threaded connection: Quattro pipe cleaning nozzle. Nozzle configuration: 3x backward and 1x forward.	☐
Pipe cleaning nozzle, Rotor	18	5.763-092.0	For pipe cleaning hoses with G1/4" threaded connection: Rotor pipe cleaning nozzle. 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 025 FRI 50	23	6.415-045.0	Nozzle kit specifically for FRI 50 Me Surface Cleaner. Nozzle size: 025.	☐
Abrasive blaster				
Required adapter for abrasive blasters	24	5.401-325.0	M 20 × 1 IG to 9/16" UNF AG.	☐
Abrasive blaster, incl. 3 × 0.7 nozzle	25	9.872-435.0	Abrasive spray head with nozzle size 3 × 0.7 mm for wet sand blasting. Only includes spray head. Without hose and lance.	☐
Replacement nozzle for abrasive blaster	26	6.025-346.0	Replacement nozzle for abrasive spray head made from boron carbide. Colour blue.	☐
F98 nozzle kit, D 0.70 mm	27	9.886-551.0	For wet sand blasting: three-nozzle kit for abrasive spray head. Nozzle size 0.7 mm.	☐
F98 nozzle for abrasive blaster	28	6.025-255.0	Nozzle (nozzle size 0.7 mm) for abrasive spray head for wet sand blasting.	☐

☐ Available accessories.

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NOZZLES				
Power nozzles				
Flat jet nozzle, 15051	29	5.765-190.0	15° flat jet nozzle 15051 for high-pressure cleaner HD 13/35. Suitable for working pressures of up to 350 bar and 1,300 l/h (HDS trailer).	☐
Screw nozzle				
Dummy nozzle F21	30	6.025-237.0	F21 screw-on dummy nozzle. Suitable for working pressures of up to 3,000 bar.	☐
Round jet nozzle F21, Saphir, 0,9 mm	31	9.886-216.0	Screw-on F21 sapphire round jet nozzle with a diameter of 0.90 mm. Suitable for working pressures of up to 3,000 bar.	☐
ROTARY NOZZLES				
Single-jet rotary nozzles				
Tool for changing rotor seat	32	6.025-233.0	For F3, F4, F1, F25.	☐
Rotary jet, 049, 1,35 mm	33	4.767-173.0	350 bar, 1.35 mm, 1,300 l/h, M 20 × 1, brass.	☐
Power rotary jet repair kit F7	34	6.025-436.0	Repair kit for power rotary jet, order no. 6.415-914.0. Suitable for 350 bar working pressure and 1,300 l/h water flow rate. Includes rotor, seat and O-ring (28 × 2).	☐
Multi-jet rotary nozzles				
Nozzle body	35	9.917-677.0	Rotary transmission lead-through with infinitely variable speed control. Includes protective pipe.	☐
Nozzle carrier head TD09	36	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	37	2.880-001.0		☐

☐ Available accessories.