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.

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**	650 – 1300
Pressure	**bar / MPa**	100 – 350 / 10 – 35
Consumption of heating oil in eco!efficiency mode	**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

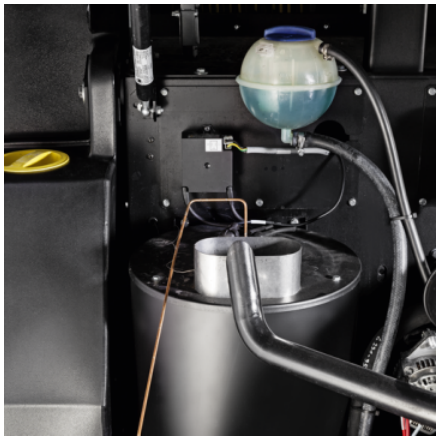
High-pressure hose: 30 m

Spray lance: 700 mm

Power nozzle

Equipment

Pressure adjustment over speed regulation



Maximum performance

- Proven and 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.

HDS 13/35 De Tr1, 1.524-521.2, 2026-10-09

ACCESSORIES FOR HDS 13/35 DE TR1
1.524-521.2

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2–7

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11–14

		Order no.	Description	
KITS				
Fleet mounting kit				
Attachment kit Plug-in Connect Module	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.	☐
ULTRA-HIGH-PRESSURE CLEANERS				
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.	☐
Trigger guns				
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.	☐
Spray lances				
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.

KÄRCHER

ACCESSORIES FOR HDS 13/35 DE TR1
1.524-521.2

15

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		Order no.	Description	
ULTRA-HIGH-PRESSURE CLEANERS				
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				
Surface Cleaner FRI 50 Me	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 package 025 FRI 50 Me	23	6.415-045.0	Nozzle kit specifically for FRI 50 Me Surface Cleaner. Nozzle size: 025.	☐
Abrasive blaster				
Adapter required for abrasive sprayer and TD 3000	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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29

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		Order no.	Description	
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 nozzles F21				
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	6-jet nozzle carrier head for F21 nozzle. Suitable for working pressures of up to 3,000 bar. 35° spray angle, includes guard and flow conditioner.	☐
SEALS FOR TRAPEZOIDAL THREAD				
Gasket set with 9x O-rings for TR thread	37	2.880-001.0		☐

☐ Available accessories.