

HDS 13/20 DE TR1 - PRECONFIGURED

Ideal for hot water high-pressure cleaning in the municipal area, in industry and the construction sector: the preconfigured, independently operating and mobile HDS trailer 13/20 with 200 bar working pressure.



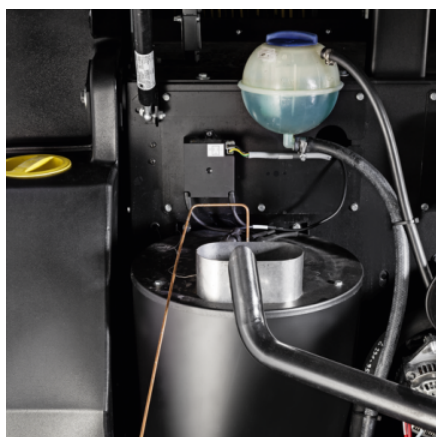
Order no. **0.300-307.0**

Technical data

EAN code		4054278287171
Drive type		Diesel
Motor manufacturer		Yanmar
Motor rating	kW / hp	19 / 26
Flow rate	l/h	900 - 1300
Pressure	bar / MPa	60 - 200 / 6 - 20
Consumption of heating oil in eco/efficiency mode	kg/h	9.7
Weight (with accessories)	kg	1400.6

Scope of supply

Spray gun: EASY!Force Advanced
High-pressure hose: 30 m
Spray lance: 1050 mm
Power nozzle
Servo Control



Maximum efficiency

- 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.
- 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.

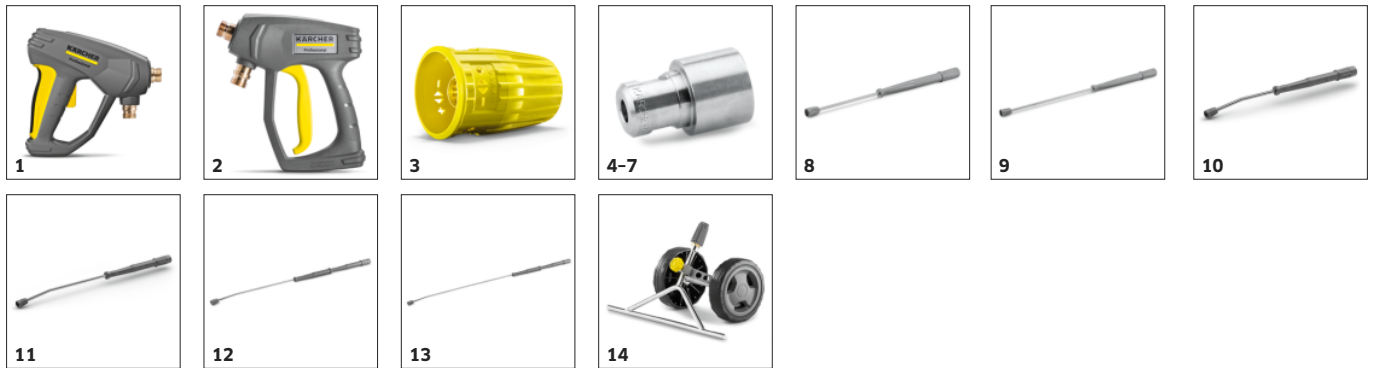


Self-sufficient application

- 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.

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		Order no.	Description	
TRIGGER GUNS				
Spray guns				
EASY!Force Advanced	1	4.118-005.0	Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.	■
Pistol TR 155°C with package	2	4.119-002.0	High-quality Classic spray gun with robust valve. Also suitable for Kärcher hot water high-pressure cleaners.	□
Servo control				
Servo Control, 1100 l/h -	3	4.118-009.0	Water quantity and pressure regulated directly from the hand spray gun.	■
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 25°				
Power nozzle 25°, 090	4	2.113-016.0	Fan jet nozzle for large-area coverage and stubborn dirt and stains.	■
Power nozzle 25°, 032	5	2.113-071.0		□
Power nozzle 25°, 075	6	2.113-014.0	Fan jet nozzle for large-area coverage and stubborn dirt and stains	□
Power nozzle spray angle 15°				
Power nozzle 15°, 075	7	2.113-050.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	□
SPRAY LANCES				
Rotating spray lances				
Jet pipe with transport packaging, 840 mm	8	4.119-003.0	Rotating Classic spray lance with ergonomic handle bowls in a robust and high-quality stainless steel design. Also suitable for Kärcher hot water high-pressure cleaners.	□
Spray lance Classic EASY!Lock, 1050 mm	9	4.119-008.0	High-pressure spray lance with EASY!Lock screw connections from the Classic series from Kärcher. Also suitable for Kärcher hot water high-pressure cleaners.	□
Spray lance, 840 mm, rotatable	10	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Spray lance, 1050 mm, rotatable	11	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Spray lance, 1550 mm, rotatable	12	4.112-018.0	1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Spray lance, 2050 mm, rotatable	13	4.112-021.0	2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
WEED CONTROL				
WR 50	14	2.114-013.0	In combination with a hot water high-pressure cleaner from Kärcher, the 50 cm wide weed remover WR 50 is ideal for removing weeds. It comes with an adaptive chassis and nozzle adapter.	□

■ Included in the scope of supply. □ Available accessories.

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WEED CONTROL				
WR 20	15	2.114-014.0	For thorough weed removal: The WR 20 weed remover for use with a hot water high-pressure cleaner from Kärcher. Equipped with a 20 cm wide nozzle bar and nozzle adapter.	☐
WR 100	16	2.114-015.0	Comfortable and fast weed removal: WR 100 weed remover with chassis, 100 cm wide nozzle bar and integrated nozzle adapter for use with hot water high-pressure cleaners.	☐
WR 10	17	2.114-016.0	In combination with hot water high-pressure cleaners our WR 10 weed remover enables fast and thorough weed removal. With 10 cm spray head and nozzle adapter.	☐
ECO!BOOSTER				
eco!Booster TR 080	18	2.113-089.0	eco!Booster with 50% higher area performance than the Kärcher power nozzle; ideal for delicate surfaces. For cold and hot water high-pressure cleaners (nozzle size 080).	☐
Eco!Booster MAX TR 080	19	2.113-099.0	Maximum efficiency and versatility in professional cleaning. The eco!Booster MAX offers more than double the area performance and ergonomic handling.	☐
QUICK CONNECT				
Quick coupling	20	2.115-000.0	For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.	☐
Male coupling	21	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.	☐
DRUM AND TANK CLEANING				
Add-on kit mud sucker	22	2.641-798.0	For connection to the high-pressure hose of Kärcher high-pressure cleaners: Powerful sludge suction cleaner for the retrofitting of high-pressure cleaners to dirt pumps.	☐
SEALS FOR TRAPEZOIDAL THREAD				
Gasket set with 9x O-rings for TR thread	23	2.880-001.0		☐
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster Vibrasoft, 080	24	4.114-068.0	Vibrasoft rotary nozzle with rotating point jet for ten times greater cleaning performance. Durable dirt blaster thanks to ceramic nozzle. Reduces vibrations by up to 30% for maximum ergonomics.	☐
Dirt blaster, large, 070/080	25	4.114-030.0	The dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Ceramic nozzle and bearing ring for a long service life. Further data: Max. 300 bar, 30 MPa, 85 °C.	☐
Dirt blaster, large, 090	26	4.114-043.0	Dirt blaster - rotating pencil jet - 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Max. 300 bar/30 MPa, 85 °C	☐
Classic rotary nozzle				
Rotor nozzle TR 080	27	4.119-026.0	The powerful rotating point jet of the Classic rotary nozzle from Kärcher ensures the best possible cleaning results and is suitable for water temperatures of up to 60 °C.	☐
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 40 m, ID 10, 220 bar, 2 x EASY!Lock	28	6.110-045.0	40 m long high-pressure hose with EASY!Lock system for the time-saving manual screw connection (both sides). Nominal size (DN) 10, working pressure up to 220 bar.	☐

☐ Available accessories.

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HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 40 m, ID 12, 210 bar, 2 × EASY!Lock	29	6.110-060.0	With EASY!Lock manual screw fitting and lots of room for manoeuvre thanks to 40 m in length: High-pressure hose (DN 12) with EASY!Lock manual screw fitting on both sides. Suitable for working pressures up to 250 bar.	☐
Longlife 400 with unions on both sides				
High-pressure hose Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock	30	6.110-038.0	Durable, 10 m long high-pressure hose (DN 8) with double steel core and EASY!Lock manual screw fitting on both sides and ANTI!Twist. Approved for 400 bar pressure.	☐
High-pressure hose Longlife, 30 m, ID 8, 400 bar, 2 × EASY!Lock	31	6.110-023.0	Robust high-pressure hose with double steel core, ANTI!Twist and EASY!Lock manual screw fitting on both sides. Nominal size DN 8, 30 m long, for up to 400 bar pressure.	☐
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	32	6.110-027.0	High-pressure hose with ANTI!Twist, EASY!Lock manual screw fittings and double steel core. 20 m long, nominal size DN 8, EASY!Lock manual screw fitting on both sides.	☐
Classic				
Hose assembly with package TR DN10 25MPa, 40 m, ID 10, 250 bar ×, EASY!Lock	33	4.119-020.0	High pressure hose with convenient EASY!Lock manual fitting from the Classic series by Kärcher. Also suitable for hot water high-pressure cleaners.	☐
FLOOR AND HARD SURFACE CLEANER				
FR 30 Me surface cleaner				
Hard Surface Cleaner FR 30 Me	34	2.111-013.0	Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.	☐
Hard Surface Cleaner FR 50				
Surface Cleaner FR 50 Me	35	2.111-023.0	Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas. With double ceramic bearings, push handle, non-marking swivel castors and detergent dosing system.	☐
Machine-specific nozzle kits for FR				
Nozzle kit for FR, 1100 l/h – 1300 l/h	36	2.639-188.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (1100 to 1300 l/h).	☐
Machine-specific nozzle kits for FRV				
Nozzle kit for FRV, 080	37	2.642-982.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	☐
FRV 30 Me surface cleaner				
FRV 30 Me Surface Cleaner	38	2.111-012.0	Thanks to automatic suction of the dirty water, the stainless steel FRV 30 Me Surface Cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85°C.	☐
Surface Cleaner FR 50 Me				
FRV 50 Me surface cleaner	39	2.111-024.0	Surface cleaning with automatic suction of the dirty water for very large surfaces – this means the FRV 50 Me. Hot water cleaning up to 85°C. The FRV 50 Me features a temperature-resistant 10 m polyurethane suction hose. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 2000 l/h / 85°C.	☐
COUPLING PARTS				
Rotary coupling				
Rotary coupling	40	4.111-021.0	Reliably prevents twisting of HP hoses. Connection Easy!Lock. Handle protection	☐
EASY!Lock adapter				
Adapter hose extension 9 TR	41	4.111-037.0	Adapter 9 to connect the new hose with the new hose	☐
DRUM AND TANK CLEANING				
Barrel and tank cleaning				
Spray head HKF 30/14-E	42	6.751-061.0	Compact interior cleaning head made of stainless steel for cleaning the interiors of drums and containers with openings of 65 mm or more. Offers an impressively low weight and constant rotation speed by means of an electric motor.	☐

☐ Available accessories.

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		Order no.	Description	
WASHING BRUSHES				
Rotating washing brush				
Rotating wash brush for > 1000 l/h machines, nylon bristles	43	4.113-002.0	Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 × 1.5 (replaceable brush insert).	☐
Rotating wash brush for > 800 l/h machines, natural bristles	44	4.113-005.0		☐
KITS				
Fleet mounting kit				
Attachment kit Plug-in Connect Module	45	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.	☐

☐ Available accessories.