

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.



Order no. 1.524-521.2

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

Technical data

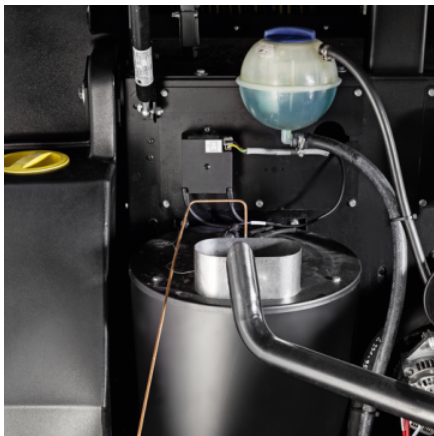
| | | |
|---|------------------|---------------------|
| Drive type | | Diesel |
| Motor manufacturer | | Yanmar |
| Engine rating | kW / hp | 19 / 26 |
| Flow rate | l/h | 650 - 1300 |
| Pressure | bar / MPa | 100 - 350 / 10 - 35 |
| Consumption of heating oil in eco/efficiency mode | kg/h | 9.3 |
| Dimensions (L × W × H) | mm | 3646 × 1747 × 1735 |

Users must receive training on this device.

Equipment

| | | |
|---|-----------|----------|
| Spray gun | | Industry |
| High-pressure hose | m | 30 |
| Spray lance | mm | 700 |
| Power nozzle | | ■ |
| Pressure adjustment over speed regulation | | ■ |

■ Included in the scope of supply.



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.
- Two optional hose reels in operating area allow easy set-up and dismantling.
- Safe and ample storage 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.
- 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.

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| | | Order no. | Description | |
|---|----|-------------|--|--------------------------|
| COUPLING PARTS | | | | |
| Coupling | | | | |
| Coupler -2 × M22 × 1,5 | 1 | 4.403-002.0 | For connecting and extending high-pressure hoses. Connection 2 × M 22 × 1.5. | <input type="checkbox"/> |
| KITS | | | | |
| Fleet mounting kit | | | | |
| Attachment kit Plug-in Connect Module | 2 | 2.644-391.0 | The IoT module* 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. | <input type="checkbox"/> |
| ULTRA-HIGH-PRESSURE CLEANERS | | | | |
| High-pressure hoses | | | | |
| Pressure hose, 3 m, 640 bar, M22 × 1.5 | 3 | 6.391-856.0 | 650 bar, M 22 × 1.5. | <input type="checkbox"/> |
| Pressure hose, 10 m, 640 bar, M22 × 1.5 | 4 | 6.391-848.0 | 650 bar, M 22 × 1.5 | <input type="checkbox"/> |
| Pressure hose, 20 m, 640 bar, M22 × 1.5 | 5 | 6.391-857.0 | 650 bar, M 22 × 1.5. | <input type="checkbox"/> |
| Pressure hose, 10 m, 620 bar, M22 × 1.5 | 6 | 6.391-846.0 | 650 bar, M 22 × 1.5 | <input type="checkbox"/> |
| Pressure hose, 20 m, 620 bar, M22 × 1.5 | 7 | 6.391-847.0 | 650 bar, M 22 × 1.5. | <input type="checkbox"/> |
| Pressure hose, 30 m, 620 bar, M22 × 1.5 | 8 | 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. | <input type="checkbox"/> |
| Couplings and connectors | | | | |
| Coupling | 9 | 4.403-004.0 | For joining and extending HD hoses. Connection 2 × M 22 × 1.5. Material: Stainless steel. | <input type="checkbox"/> |
| Trigger guns | | | | |
| Kärcher industry gun | 10 | 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. | <input type="checkbox"/> |
| Shoulder support | 11 | 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. | <input type="checkbox"/> |
| Spray lances | | | | |
| Spray lance | 12 | 4.760-679.0 | With nozzle holder. | <input type="checkbox"/> |
| | 13 | 4.760-653.0 | | <input type="checkbox"/> |
| Jet pipe complete 1550 mm 65 MPa | 14 | 4.760-675.3 | | <input type="checkbox"/> |

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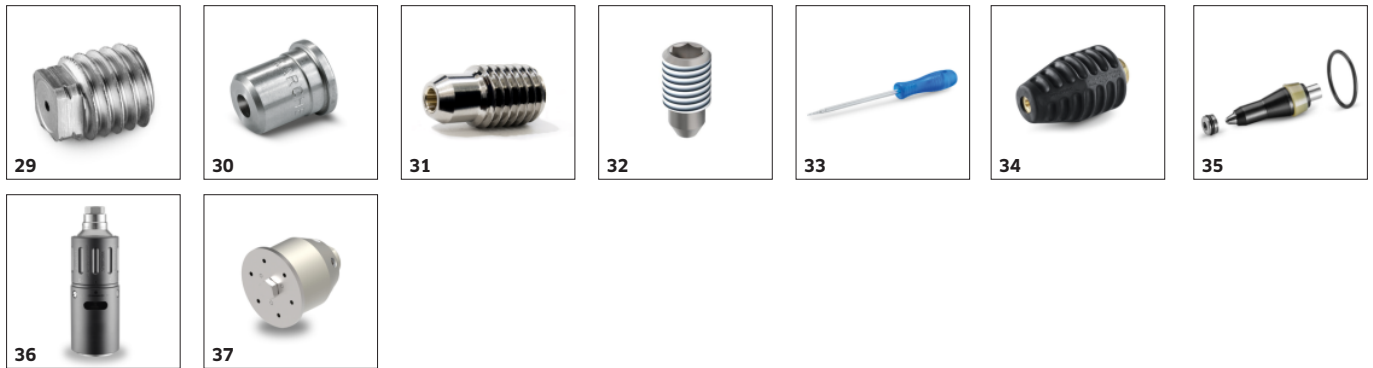


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|---|----|-------------|--|--------------------------|
| ULTRA-HIGH-PRESSURE CLEANERS | | | | |
| Spray lances | | | | |
| Spray lance | 15 | 4.760-677.0 | With nozzle holder. | <input type="checkbox"/> |
| Pipe cleaning | | | | |
| Foot valve for pipe cleaning | 16 | 6.470-223.0 | Foot valve for convenient and safe use of accessories for effective pipe cleaning. | <input type="checkbox"/> |
| Pipe cleaning nozzle standard 050 50MPa | 17 | 4.765-012.0 | Standard pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection. Nozzle configuration: 3x backward. | <input type="checkbox"/> |
| Pipe cleaning nozzle Four 050 50MPa | 18 | 4.765-016.0 | For pipe cleaning hoses with G1/4" threaded connection: Quattro pipe cleaning nozzle. Nozzle configuration: 3x backward and 1x forward. | <input type="checkbox"/> |
| Pipe cleaning nozzle, Rotor | 19 | 5.763-092.0 | For pipe cleaning hoses with G1/4" threaded connection: Rotor pipe cleaning nozzle. Nozzle configuration: 3x backward. | <input type="checkbox"/> |
| Pipe cleaning hose | 20 | 6.392-401.0 | Flexible pressure hose (DN 8) for thorough pipe cleaning. 10 m long. Threaded connection for G1/4" nozzle. | <input type="checkbox"/> |
| | 21 | 6.392-402.0 | Flexible pressure hose (DN 8) for thorough pipe cleaning. With threaded connection for G1/4" nozzle and 20 m long. | <input type="checkbox"/> |
| | 22 | 6.392-403.0 | For through pipe cleaning: flexible, 30 m long pressure hose with threaded connection for G1/4" nozzle. | <input type="checkbox"/> |
| Surface cleaner | | | | |
| Surface Cleaner FRI 50 Me | 23 | 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. | <input type="checkbox"/> |
| Nozzle package 025 FRI 50 Me | 24 | 6.415-045.0 | Nozzle kit specifically for FRI 50 Me Surface Cleaner. Nozzle size: 025. | <input type="checkbox"/> |
| Abrasive blaster | | | | |
| Adapter required for abrasive sprayer and TD 3000 | 25 | 5.401-325.0 | M 20 × 1 IG to 9/16" UNF AG. | <input type="checkbox"/> |
| Abrasive blaster, incl. 3 × 0.7 nozzle | 26 | 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. | <input type="checkbox"/> |
| Replacement nozzle for abrasive blaster | 27 | 6.025-346.0 | Replacement nozzle for abrasive spray head made from boron carbide. Colour blue. | <input type="checkbox"/> |
| F98 nozzle kit, D 0.70 mm | 28 | 9.886-551.0 | For wet sand blasting: three-nozzle kit for abrasive spray head. Nozzle size 0.7 mm. | <input type="checkbox"/> |

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| | | Order no. | Description | |
|--------------------------------------|----|-------------|--|--------------------------|
| ULTRA-HIGH-PRESSURE CLEANERS | | | | |
| Abrasive blaster | | | | |
| F98 nozzle for abrasive blaster | 29 | 6.025-255.0 | Nozzle (nozzle size 0.7 mm) for abrasive spray head for wet sand blasting. | <input type="checkbox"/> |
| NOZZLES | | | | |
| Power nozzles | | | | |
| Flat jet nozzle, 15051 | 30 | 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). | <input type="checkbox"/> |
| Screw nozzles F21 | | | | |
| Dummy nozzle F21 | 31 | 6.025-237.0 | F21 screw-on dummy nozzle. Suitable for working pressures of up to 3,000 bar. | <input type="checkbox"/> |
| Round jet nozzle F21, Saphir, 0,9 mm | 32 | 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. | <input type="checkbox"/> |
| ROTARY NOZZLES | | | | |
| Single-jet rotary nozzles | | | | |
| Tool for changing rotor seat | 33 | 6.025-233.0 | For F3, F4, F1, F25. | <input type="checkbox"/> |
| Rotary jet, 049, 1.35 mm | 34 | 4.767-173.0 | 350 bar, 1.35 mm, 1,300 l/h, M 20 × 1, brass. | <input type="checkbox"/> |
| Power rotary jet repair kit F7 | 35 | 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). | <input type="checkbox"/> |
| Multi-jet rotary nozzles | | | | |
| Nozzle body | 36 | 9.917-677.0 | Rotary transmission lead-through with infinitely variable speed control. Includes protective pipe. | <input type="checkbox"/> |
| Nozzle carrier head TD09 | 37 | 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. | <input type="checkbox"/> |

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