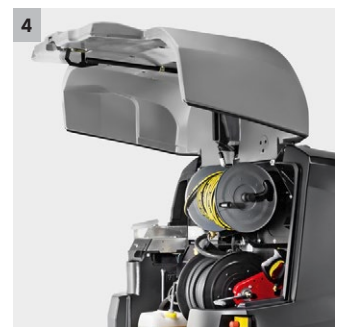
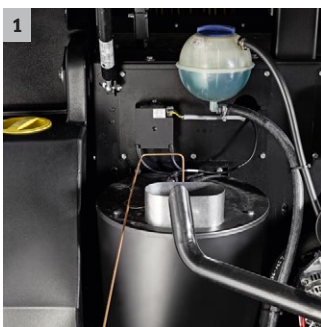




## HDS 13/35 De Tr1

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.



### 1 Maximum efficiency

- Proven and highly efficient burner technology.
- Heat recovery through use of waste heat from the engine.

### 2 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.

### 3 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.

### 4 High flexibility

- Thanks to its configurability, each trailer can be custom-made according to customer requests.
- Skid and Cab versions make different uses possible: mobile or stationary.



## HDS 13/35 De Tr1

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

### Technical data

Order no.	1.524-521.2	
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
Diesel consumption, full load	kg/h	12.4
Number of simultaneous users	1	
Portability	Trailer	
Weight	kg	950
Dimensions (L x W x H)	mm	3646 × 1747 × 1735

### Equipment

Spray gun	Industry	
High-pressure hose	m	30
Spray lance	mm	700
Power nozzle	■	
Servo control	-	

Pressure adjustment over speed regulation ■

■ Included in the scope of supply.

HDS 13/35 DE TR1  
1.524-521.2



		Order no.					Price	Description	
<b>Coupling</b>									
Coupler - 2 x M22 x 1,5	1	4.403-002.0						For connecting and extending high-pressure hoses. Connection 2 x M 22 x 1.5.	<input type="checkbox"/>

☐ Available accessories.

# HDS 13/35 DE TR1

## 1.524-521.2

**KÄRCHER**


		Order no.	Length					Price	Description	
High-pressure hoses										
Pressure hose	1	6.391-856.0							650 bar, M 22 x 1.5.	<input type="checkbox"/>
	2	6.391-848.0							650 bar, M 22 x 1.5	<input type="checkbox"/>
	3	6.391-857.0							650 bar, M 22 x 1.5.	<input type="checkbox"/>
	4	6.391-846.0							650 bar, M 22 x 1.5	<input type="checkbox"/>
	5	6.391-847.0							650 bar, M 22 x 1.5.	<input type="checkbox"/>
	6	6.391-019.0							Durable, abrasion-resistant and flexible multi-layer steel-reinforced hose with connection size M 22 x 1.5. Suitable for up to 620 bar working pressure.	<input type="checkbox"/>
Couplings and connectors										
Coupling	7	4.403-004.0							For joining and extending HD hoses. Connection 2 x M 22 x 1.5. Material: Stainless steel.	<input type="checkbox"/>
Trigger guns										
Kärcher industry gun	8	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 x 1.5.	<input type="checkbox"/>
Shoulder support	9	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	10	4.760-679.0							With nozzle holder.	<input type="checkbox"/>
	11	4.760-653.0								<input type="checkbox"/>
Jet pipe complete 1550 mm 65 MPa	12	4.760-675.3								<input type="checkbox"/>
Spray lance	13	4.760-677.0								<input type="checkbox"/>
Power nozzles										
Flat jet nozzle	14	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"/>
Single-jet rotary nozzles										
Tool for changing rotor seat	15	6.025-233.0							For F3, F4, F1, F25.	<input type="checkbox"/>
Rotary jet	16	4.767-173.0							350 bar, 1.35 mm, 1,300 l/h, M 20 x 1, brass.	<input type="checkbox"/>
Power rotary jet F7	17	6.415-914.0							350 bar, 1.35 mm, 1,300 l/h, M 20 x 1, stainless steel.	<input type="checkbox"/>
Power rotary jet repair kit F7	18	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 x 2).	<input type="checkbox"/>
Multi-jet rotary nozzles										
Nozzle body	19	9.917-677.0							Rotary transmission lead-through with infinitely variable speed control. Includes protective pipe.	<input type="checkbox"/>
Nozzle carrier head TD09	20	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"/>
Screw nozzles F21										
Dummy nozzle F21	21	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	22	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"/>
Pipe cleaning										
Foot valve for pipe cleaning	23	6.470-223.0							Foot valve for convenient and safe use of accessories for effective pipe cleaning.	<input type="checkbox"/>

☐ Available accessories.

# HDS 13/35 DE TR1

## 1.524-521.2

**KÄRCHER**


		Order no.	Length				Price	Description	
Pipe cleaning nozzle standard 050 50MPa	24	4.765-012.0						Standard pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection. Nozzle configuration: 3x back-ward.	<input type="checkbox"/>
Pipe cleaning nozzle Four 050 50MPa	25	4.765-016.0						For pipe cleaning hoses with G1/4" threaded connection: Quattro pipe cleaning nozzle. Nozzle configuration: 3x back-ward and 1x forward.	<input type="checkbox"/>
Pipe cleaning nozzle, Rotor	26	5.763-092.0						For pipe cleaning hoses with G1/4" threaded connection: Rotor pipe cleaning nozzle. Nozzle configuration: 3x back-ward.	<input type="checkbox"/>
Pipe cleaning hose	27	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"/>
	28	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"/>
	29	6.392-403.0						For through pipe cleaning: flexible, 30 m long pressure hose with threaded connection for G1/4" nozzle.	<input type="checkbox"/>
<b>Surface cleaner</b>									
Surface Cleaner FRI 50 Me	30	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	31	6.415-045.0						Nozzle kit specifically for FRI 50 Me Surface Cleaner. Nozzle size: 025.	<input type="checkbox"/>
<b>Abrasive blaster</b>									
Required adapter for abrasive blasters	32	5.401-325.0						M 20 x 1 IG to 9/16" UNF AG.	<input type="checkbox"/>
Abrasive blaster, incl. 3 x 0.7 nozzle	33	9.872-435.0						Abrasive spray head with nozzle size 3 x 0.7 mm for wet sand blasting. Only includes spray head. Without hose and lance.	<input type="checkbox"/>
Replacement nozzle for abrasive blaster	34	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	35	9.886-551.0						For wet sand blasting: three-nozzle kit for abrasive spray head. Nozzle size 0.7 mm.	<input type="checkbox"/>
F98 nozzle for abrasive blaster	36	6.025-255.0						Nozzle (nozzle size 0.7 mm) for abrasive spray head for wet sand blasting.	<input type="checkbox"/>

☐ Available accessories.