

## HDS 12/14-4 ST GAS

Stationary gas-fired hot water high-pressure cleaner



Order no.

1.251-901.0

- Dry running protection
- Surface burner technology
- Water-cooled stainless steel boiler with built-in stainless steel heater coil

### Technical data

EAN code		4054278169361
Current type	Ph / V / Hz	3 / 400 / 50
Flow Rate	l/h	600 - 1200
Operating pressure	bar / MPa	30 - 140 / 3 - 14
Temperature (supply 12°C)	°C	max. 98
Power rating	kW	7.5
Water feed		3/4"
number of simultaneous users		1
Mobility		Stationary
Fuse protection	A	20
Weight (with accessories)	kg	170
Weight incl. packaging	kg	181
Dimensions (L × W × H)	mm	1110 × 565 × 1080

### Equipment

SDS system	■
System pressure relief	■
Flame monitor	■
Ready for Servo Control	■
Ready for remote control	■
RM1 dosing	■
Dry running protection	■
Storage tank with float valve	■
Water-cooled motor	■

■ Included in delivery.

This device does not require instruction.



## **Water-cooled 4-pole electric motor (oil-heated)**

- Long service life.
- Improved efficiency.
- Guaranteed quiet operation.



## **Burner technology (oil-heated)**

- High heat output.
- Spiral heating coil for a compact design.
- Upright design prevents condensation and corrosion.



## **Special fleece (gas-heated)**

- Newly developed surface burner for a uniform gas flow.
- For efficient combustion.

## EQUIPMENT FOR HDS 12/14-4 ST GAS

### 1.251-901.0



		Order no.	Description	
<b>TRIGGER GUNS</b>				
<b>Trigger guns</b>				
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.	<input type="checkbox"/>
EASY!Force conversion kit 1 - from high-pressure hose	2	4.111-050.0	For retrofitting Kärcher high-pressure cleaners with existing high-pressure hose: EASY!Force conversion kit 1 with EASY!Force high-pressure gun, spray lance and all adapters through to the nozzle.	<input type="checkbox"/>
EASY!Force conversion kit 2 - from machine	3	4.111-051.0	Developed for retrofitting existing high-pressure cleaners from Kärcher: EASY!Force conversion kit 2 with EASY!Force high-pressure gun, spray lance, high-pressure hose and necessary adapters.	<input type="checkbox"/>
EASY!Force conversion kit 3 - high-pressure gun	4	4.111-052.0	Compatible with existing high-pressure hose and spray lance: EASY!Force conversion kit 3, incl. EASY!Force trigger gun and all necessary adapters for upgrading your high-pressure cleaner.	<input type="checkbox"/>
<b>Easy Press high-pressure gun with holding power reduction (Kärcher patent)</b>				
Easy Press HP trigger gun with soft grip	5	4.775-463.0	Easy press high-pressure trigger gun with softgrip. For high-pressure hoses DN 6 and DN 8 with 11 mm swivel diameter.	<input type="checkbox"/>
Easy Press HP trigger gun with soft grip, M22 x 1.5	6	4.775-466.0	Easy press high-pressure trigger gun with integrated adapter for connecting to high-pressure hoses M 22 x 1.5.	<input type="checkbox"/>
<b>Servo Control</b>				
Servo Control, 1100 l/h -	7	4.118-009.0	Servo control for water flow and pressure control (> 1100 l/h) on the trigger gun.	<input type="checkbox"/>
	8	4.775-471.0	Water quantity and pressure regulated directly from the hand spray gun.	<input type="checkbox"/>
<b>SPRAY LANCES</b>				
<b>Rotating spray lances</b>				
LED nozzle light	9	2.680-002.0	Bright, lightweight LED work light for direct mounting on spray lance of EASY!Force high-pressure gun. Better view in unfavourable lighting conditions for up to 5 working hours.	<input type="checkbox"/>
Spray lance, 250 mm, rotatable	10	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	<input type="checkbox"/>
Spray lance, 400 mm, rotatable	11	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	<input type="checkbox"/>
Spray lance, 600 mm, rotatable	12	4.112-007.0	600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance, 840 mm, rotatable	13	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance, 1050 mm, rotatable	14	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>

■ Included in delivery.    □ Available accessories.

## EQUIPMENT FOR HDS 12/14-4 ST GAS

### 1.251-901.0



		Order no.	Description	
SPRAY LANCES				
Rotating spray lances				
Spray lance, 1550 mm, rotatable	15	4.112-018.0	1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance, 2050 mm, rotatable	16	4.112-021.0	2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance extender, 1000 mm	17	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	<input type="checkbox"/>
Spray lance, 600 mm, rotatable	18	4.760-664.0	600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance, 1050 mm, rotatable	19	4.760-660.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Double lance				
Double lance, 960 mm	20	2.112-016.0	960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use ( e.g. stable cleaning).	<input type="checkbox"/>
	21	6.394-665.0		<input type="checkbox"/>
Angular spray lance				
WC and gutter lance	22	4.112-029.0	Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.	<input type="checkbox"/>
Flexible spray lance				
Flexible lance, 1050 mm	23	4.112-035.0	1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	<input type="checkbox"/>
High pressure articulated joint	24	4.112-057.0	For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.	<input type="checkbox"/>
Gutter cleaner				
Gutter cleaning lance	25	2.112-015.0	The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.	<input type="checkbox"/>
Undercarriage spray lance				
Underbody lance	26	4.112-032.0	Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	<input type="checkbox"/>
Additional handle				
Additional handle for EASY!Lock spray lances	27	4.321-380.0	Comfortable in every situation – the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task.	<input type="checkbox"/>
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster, large, 070/080	28	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.	<input type="checkbox"/>

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### 1.251-901.0



		Order no.	Description	
<b>MULTIPLE-JET NOZZLES</b>				
<b>Angle vario nozzle 0°-90°</b>				
Angled Vario nozzle, 080	29	4.113-006.0	Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.	<input type="checkbox"/>
<b>KÄRCHER POWER NOZZLE</b>				
<b>HP nozzle spray angle 0°</b>				
Power nozzle 0°, 080	30	2.113-038.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	<input type="checkbox"/>
<b>Power nozzle spray angle 15°</b>				
Power nozzle 15°, 080	31	2.113-051.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	<input type="checkbox"/>
<b>Power nozzle spray angle 25°</b>				
Power Nozzle , 080	32	2.883-406.0	Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.	<input type="checkbox"/>
	33	2.113-015.0	Fan jet nozzle for large-area coverage and stubborn dirt and stains.	<input type="checkbox"/>
<b>Power nozzle spray angle 40°</b>				
Power Nozzle 40°, 080	34	2.113-057.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	<input type="checkbox"/>
<b>NOZZLE UNION / SPACER</b>				
<b>Nozzle union</b>				
Nozzle screws	35	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	<input type="checkbox"/>
Nozzle connector	36	5.401-210.0	For protecting and connecting Kärcher power nozzles to spray lances (M 18 × 1.5 IG).	<input type="checkbox"/>
<b>HIGH-PRESSURE HOSES</b>				
<b>Standard</b>				
High-pressure hose, 20 m, DN 8, 315 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	37	6.110-011.0	High-pressure hose with AVS hose reel connection and EASY!Lock hand screw connection.	<input type="checkbox"/>
<b>Standard with unions on both sides</b>				
High-pressure hose, 10 m, DN 10, 220 bar, 2 × EASY!Lock	38	6.110-041.0		<input type="checkbox"/>
High-pressure hose, 10 m, DN 8, 315 bar, 2 × EASY!Lock	39	6.110-031.0	10 m high-pressure hose (M 22 × 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	<input type="checkbox"/>
High-pressure hose, 15 m, DN 10, 220 bar, 2 × EASY!Lock	40	6.110-042.0	15 m high-pressure hose M 22 × 1.5) with kink protection and threaded couplings at both ends. Further data: DN 10/155°C/220 bar.	<input type="checkbox"/>
High-pressure hose, 20 m, DN 10, 220 bar, 2 × EASY!Lock	41	6.110-043.0	with union on both sides, M 22 × 1.5 with anti-kink protection. NW 10/155°C/220 bar	<input type="checkbox"/>
High-pressure hose, 25 m, DN 10, 220 bar, 2 × EASY!Lock	42	6.110-044.0		<input type="checkbox"/>

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### 1.251-901.0



		Order no.	Description	
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 15 m, DN 12, 210 bar, 2 × EASY!Lock	43	6.110-059.0	High-pressure hose for water volumes greater than 1,800 l / h. With union on both sides. 2x M 22 × 1.5 with anti-kink protection.	<input type="checkbox"/>
High-pressure hose, 40 m, DN 12, 210 bar, 2 × EASY!Lock	44	6.110-060.0		<input type="checkbox"/>
Longlife 400				
High-pressure hose Longlife, 20 m, DN 8, 400 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	45	6.110-028.0	20 m high-pressure hose Longlife 400 (DN 8) with patented (rotating) AVS trigger gun connector and manual coupling. Two layer high-strength steel wire reinforced.	<input type="checkbox"/>
Longlife 400 with unions on both sides				
High-pressure hose Longlife, 1,5 m, DN 8, 400 bar, 2 × EASY!Lock	46	6.110-024.0	1,5 m high-pressure hose (DN 8, M 22 × 1,5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 × 1,5).	<input type="checkbox"/>
High-pressure hose Longlife, 1,5 m, DN 8, 400 bar, 1 × EASY!Lock / 1 × M22 × 1,5	47	6.110-069.0	High-pressure hose (ID 8) with double steel reinforcement, 1,5 m long, suitable for up to 400 bar pressure. Connectors: M 22 × 1,5, quick and convenient EASY!Lock hand screw connection.	<input type="checkbox"/>
High-pressure hose Longlife, 1,5 m, DN 8, 400 bar, 2 × M22 × 1,5	48	6.390-178.0	1,5 m high-pressure hose (DN 8, M 22 × 1,5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 × 1,5).	<input type="checkbox"/>
High-pressure hose Longlife, 10 m, DN 8, 400 bar, 2 × EASY!Lock	49	6.110-038.0	Durable, 10 m long high-pressure hose (ID 8) with double steel reinforcement and EASY!Lock hand screw connection at both ends and ANTI!Twist. Approved for 400 bar pressure.	<input type="checkbox"/>
High-pressure hose Longlife, 10 m, DN 8, 400 bar, 2 × M22 × 1,5	50	6.388-083.0	10 m high-pressure hose Longlife 400 (DN 8) with rotary coupling, two layer high-strength steel wire reinforced. Connectors at both ends. M 22 × 1,5, with kink protection.	<input type="checkbox"/>
High-pressure hose Longlife, 30 m, DN 8, 400 bar, 2 × EASY!Lock	51	6.110-023.0	With rotary coupling, 2 × M 22 × 1,5	<input type="checkbox"/>
High-pressure hose Longlife, 20 m, DN 8, 400 bar, 2 × EASY!Lock	52	6.110-027.0	with rotary coupling, 2 × M 22 × 1,5	<input type="checkbox"/>
High-pressure hose Longlife, 15 m, DN 8, 400 bar, 2 × EASY!Lock	53	6.110-029.0	With rotary coupling, 2 × M 22 × 1,5	<input type="checkbox"/>
Food industry version with unions on both sides				
High-pressure hose food grade, 10 m, DN 8, 250 bar, 2 × EASY!Lock	54	6.110-051.0	10 m high-pressure hose (DN 8) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. M 22 × 1,5 with anti-kink sleeve.	<input type="checkbox"/>
High-pressure hose food grade, 20 m, DN 8, 250 bar, 2 × EASY!Lock	55	6.110-052.0	20 m high-pressure hose (DN 8) with swivel coupling. Non-discolouring outer layer for use in the food industry. Connectors at both ends, M 22 × 1,5, with kink protection. NW 8/155°C/250 bar.	<input type="checkbox"/>
Longlife food industry version with unions on both sides				
High-pressure hose food grade Longlife, 10 m, DN 8, 400 bar, 2 × EASY!Lock	56	6.110-053.0	With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, ANTI!Twist and EASY!Lock hand screw connection at both ends.	<input type="checkbox"/>

☐ Available accessories.

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		Order no.	Description	
<b>HIGH-PRESSURE HOSES</b>				
<b>Longlife food industry version with unions on both sides</b>				
High-pressure hose food grade Longlife, 20 m, DN 8, 400 bar, 2 × EASY!Lock	57	6.110-054.0	Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With patented AVS connection in the pistol (pivot mounted)	<input type="checkbox"/>
High-pressure hose food grade, 10 m, DN 8, 400 bar, 2 × M22 × 1.5	58	6.391-864.0	Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 × M 22 × 1,5	<input type="checkbox"/>
<b>PIPE CLEANING</b>				
<b>Pipe cleaning hose, ID 6</b>				
Hose assembly TR pipe cleaning DN6 max.2	59	6.110-046.0	The 10 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	<input type="checkbox"/>
Pipe cleaning hose, DN 6, 20 m, 220 bar	60	6.110-008.0	20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).	<input type="checkbox"/>
Hose assembly TR pipe cleaning DN6 max.2	61	6.110-047.0	The 30 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	<input type="checkbox"/>
<b>FLOOR AND HARD SURFACE CLEANER</b>				
<b>Hard surface cleaner FR 30 ME</b>				
FR 30 ME surface cleaner	62	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.	<input type="checkbox"/>
<b>Hard Surface Cleaner FR 50</b>				
FR 50 surface cleaner	63	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.	<input type="checkbox"/>
<b>Machine-specific nozzle kit for FR</b>				
Nozzle kit for FR, 1100 l/h – 1300 l/h	64	2.639-188.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (1100 to 1300 l/h).	<input type="checkbox"/>
<b>Machine-specific nozzle kits for FRV</b>				
Nozzle kit for FRV, 080	65	2.642-982.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	<input type="checkbox"/>
<b>Hard surface cleaner FRV 30 Me</b>				
FRV 30 Me Surface Cleaner	66	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.	<input type="checkbox"/>
Extension hose FRV 30 Me and FRV 50 Me	67	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	<input type="checkbox"/>
<b>FOAM SYSTEMS</b>				
<b>Cup foam lance</b>				
Cup foam lance Advanced 3, 900 l/h – 2500 l/h	68	4.112-065.0	For high-pressure cleaners with a flow rate of 900-2500 l/h: new, robust and very high-quality foam cup lance with outstanding foam quality while consuming half as much cleaning agent.	<input type="checkbox"/>
Cup foam lance DUO Advanced 3, 900 l/h – 2500 l/h	69	4.112-069.0		<input type="checkbox"/>
Cup foam lance Basic 3, 900 l/h – 2500 l/h	70	4.112-055.0		<input type="checkbox"/>

☐ Available accessories.

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		Order no.	Description	
<b>FOAM SYSTEMS</b>				
<b>Cup foam lance</b>				
1-litre cleaning agent container for cup foam lance basic	71	5.071-414.0		<input type="checkbox"/>
1-litre cleaning agent container for cup foam lance advanced	72	6.414-050.0	Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).	<input type="checkbox"/>
<b>Inno Foam Set</b>				
Inno foam kit with detergent injector	73	2.112-000.0	High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.	<input type="checkbox"/>
<b>Easy Foam Set</b>				
Easy Foam Set with RM injector	74	2.112-010.0	HP foam system for use with. HD/HDS units for cleaning and disinfecting. Foam nozzle for connection to lance and HP chemical injector with precision 0-5% metering valve. The machine specific nozzle kit has to be ordered separately.	<input type="checkbox"/>
Easy foam set	75	2.112-011.0		<input type="checkbox"/>
<b>Nozzle kits for Inno/Easy Foam Set</b>				
Nozzle kit 110 Inno/Easy set 1000 - 1300 l/h	76	2.111-020.0	Nozzle kit 110 contains Kärcher power nozzles and nozzle inserts. For Inn/Easy-Foam set 1000-1300 l/h. For optimal foam system performance.	<input type="checkbox"/>
<b>Foam nozzle mounting kit</b>				
Foam nozzle kit	77	2.112-013.0	Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long application times are necessary.	<input type="checkbox"/>
<b>MIXERS AND INJECTORS</b>				
<b>HP detergent injector</b>				
Detergent injector for high and low pressure (without nozzles)	78	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	<input type="checkbox"/>
Detergent injector for high pressure	79	4.637-033.0	Cleaning agent dosage at high pressure 3 - 5 %	<input type="checkbox"/>
<b>Machine-specific nozzle kit with order no. 3.637-170</b>				
Nozzle insert trapezoidal thread	80	4.769-013.0	For HD/HDS 1000 - 1200 l/h. Consists of nozzle insert + HP power nozzle + union	<input type="checkbox"/>
<b>Nozzle insert with order no. 3.637-001</b>				
Nozzle insert for Order No. 3.637-001, high-pressure for machines up to 1100 l/h.	81	4.769-003.0	Nozzle insert for detergent injector 3.637-001 for high-pressure detergent application. For high-pressure cleaners with a water flow rate up to 1100 l/h.	<input type="checkbox"/>
Low pressure for units rated up to 1100 l/h	82	4.769-001.0	For low pressure with machines up to 1.100 l/h	<input type="checkbox"/>
<b>QUICK CONNECT</b>				
Quick-fitting pipe union coupler trapezo	83	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.	<input type="checkbox"/>
Quick-fitting pipe union plug nipple tra	84	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.	<input type="checkbox"/>

☐ Available accessories.



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		Order no.	Description	
<b>QUICK CONNECT</b>				
Quick coupling	85	6.401-458.0	For quick change of different spray lances and accessories. Optimum adaption to Kärcher accessories, especially for connection between trigger gun and spray lance. With M22 × 1,5 female.	<input type="checkbox"/>
Plug nipple	86	6.401-459.0	Hardened stainless steel nipple for quick coupling 6.401-458. With M22 × 1,5 male.	<input type="checkbox"/>
<b>DRUM AND TANK CLEANING</b>				
Add-on kit mud sucker	87	2.641-798.0		<input type="checkbox"/>
<b>OTHER HP ACCESSORIES</b>				
Jet gun	88	2.869-067.0	Short set-up time, easy transport, instant switch off - the jet gun is the affordable cleaning method for all kinds of small to medium-sized areas. Adjustable pressure/water volume.	<input type="checkbox"/>
<b>TAKE-OFF POINT EQUIPMENT</b>				
Hose and spray lance holder VA	89	2.042-003.0	Hose and spray lance wall holder for practical and safe storage of high-pressure hoses or spray lances. Stainless steel wall holder.	<input type="checkbox"/>
<b>REMOTE CONTROL</b>				
Multiple coin remote control without coin acceptor	90	2.642-422.0		<input type="checkbox"/>
Remote control	91	2.637-491.0	Easy to use remote control for stationary high-pressure cleaners. With rocker switch, ISO housing for wall mounting and fixing material.	<input type="checkbox"/>
Remote control I-O, hot/cold, detergent 1-2	92	2.744-008.0	Remote control with switches, housing and fixing material for wall mounting. Functions: On/Off, hot/cold water and detergent stage 1/stage 2.	<input type="checkbox"/>
Multiple op. control, I-O, hot-cold, 1-2	93	2.744-011.0	w. I-O, hot-cold, 1-2	<input type="checkbox"/>
Priority switch	94	2.638-200.0		<input type="checkbox"/>
Coin acceptor, 50 cents	95	2.639-912.0		<input type="checkbox"/>
Coin acceptor, 1 €	96	2.639-913.0		<input type="checkbox"/>
Coin acceptor, 2 €	97	2.639-914.0		<input type="checkbox"/>
Coin acceptor, tokens	98	6.768-063.0	Token	<input type="checkbox"/>

☐ Available accessories.

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### 1.251-901.0



		Order no.	Description	
<b>CONTROL CABLE</b>				
Control cable	99	6.647-222.0	Connection cable available as bulk stock (12 × 1.0 mm <sup>2</sup> ) for use as control cable. For all stationary HD/HDS machines from Kärcher.	<input type="checkbox"/>
Control cable 3x 1.5 mm <sup>2</sup> (price per meter)	100	6.641-059.0	Connecting cable 3 × 1.5 mm <sup>2</sup> . Available by the meter.	<input type="checkbox"/>
Control cable 7 × 1.5 m	101	6.641-064.0		<input type="checkbox"/>
Control cable 10 × 1.5 m	102	6.641-082.0		<input type="checkbox"/>
Conduit	103	2.420-008.0	Conduit for control cable installation. Consisting of 3 m conduit, 5x conduit clips, 5x dowels, 5x screws.	<input type="checkbox"/>
<b>HIGH-PRESSURE PIPEWORK</b>				
High-pressure pipe kit	104	2.420-006.0	High-pressure pipe kit with 3 m stainless pipe Ø 16 × 2 mm, ID 12 and mounting accessories: compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	<input type="checkbox"/>
Connector pipe/high-pressure hose, stainless steel	105	2.638-181.0	Stainless steel	<input type="checkbox"/>
Connector pipe/stop valve, stainless steel	106	2.638-183.0		<input type="checkbox"/>
Shut-off valve, stainless steel	107	4.580-163.0		<input type="checkbox"/>
	108	6.386-428.0	(VA)	<input type="checkbox"/>
Union nut, stainless steel	109	6.386-465.0	Stainless steel	<input type="checkbox"/>
Stainless steel elbow union 90°	110	6.386-466.0	Stainless steel elbow union 90° with compression fitting (Ermeto) at both ends for 16 mm pipes.	<input type="checkbox"/>
Connector, galvanised steel	111	2.638-180.0	Alternativ : stainless steel 2.638-181	<input type="checkbox"/>
Shut-off valve, galvanised steel	112	4.580-144.0	Shut-off valve, galvanised steel. Connects between high-pressure pipe system and high-pressure hose. Connectors: 1x M22 × 1.5 and 1x M24 × 1.5. With wall mounting plate and fixing material.	<input type="checkbox"/>

☐ Available accessories.

## EQUIPMENT FOR HDS 12/14-4 ST GAS 1.251-901.0



		Order no.	Description	
<b>HIGH-PRESSURE PIPEWORK</b>				
Pipe kit, galvanised steel, 3 m	113	2.420-004.0	High-pressure pipe kit with 3 m galvanised steel pipe Ø 16 x 2.5 mm, DN 11 and fixing accessories: Compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	<input type="checkbox"/>
Tee, galvanised steel	114	6.386-269.0	Tee (90°), galvanised steel with compression fitting for 16 mm pipes. Fixing material (Ermeto) included.	<input type="checkbox"/>
Elbow union, galvanised steel	115	6.386-356.0	Elbow union, galvanised steel. With 90° angle piece with compression fitting (Ermeto) at both ends for 16 mm pipes.	<input type="checkbox"/>
Pipe insulation, per running meter	116	6.286-147.0	For thermal insulation of pipes. Pipe cladding. Wall thickness 9 mm. PE foam with moisture barrier. Available per running meter.	<input type="checkbox"/>
Adapter piece, galvanised steel	117	2.638-182.0	Alternative: stainless steel 2.638-183	<input type="checkbox"/>
Quick-release coupling, fixed part	118	6.463-025.0	fixed part	<input type="checkbox"/>
Union nut, galvanised steel	119	6.386-423.0	Union nut, galvanised steel. For 16 mm compression fitting.	<input type="checkbox"/>
Cutting ring	120	6.386-357.0	Galvanised steel cutting ring. For 16 mm compression fitting.	<input type="checkbox"/>
<b>PLANT INSTALLATION</b>				
Wall bracket	121	2.053-005.0	Wall bracket	<input type="checkbox"/>
Water supply hose, 1.5 m: DN 13	122	6.389-145.0		<input type="checkbox"/>
Kit 1 detergent	123	2.637-779.0	For detergent changeover per remote control for stationary HS high-pressure cleaners. Includes level sensor, solenoid valve and dosing valve. Remote control required for operation.	<input type="checkbox"/>
<b>HOSE TRACK SYSTEM HIGH-PRESSURE CLEANERS</b>				
Rail holder	124	6.541-027.0		<input type="checkbox"/>
C-rail, per running metre	125	6.233-017.0	C-rail profile as a guide track. 30x32 mm, 2 mm wall thickness 1.56 kg/m. Available per running metre.	<input type="checkbox"/>
Rail connector	126	6.541-011.0		<input type="checkbox"/>

☐ Available accessories.

## EQUIPMENT FOR HDS 12/14-4 ST GAS 1.251-901.0



		Order no.	Description	
<b>HOSE TRACK SYSTEM HIGH-PRESSURE CLEANERS</b>				
End stop	127	6.541-025.0		<input type="checkbox"/>
Cable trolley	128	6.541-026.0	Cable trolley for C-rail profile. 20 kg capacity. Weight 0.11 kg. Galvanised steel ball bearing.	<input type="checkbox"/>
End bracket	129	6.541-028.0		<input type="checkbox"/>
Handle	130	6.541-029.0	C-rail profile clamp. Galvanised steel. Plastic clamping parts. Weight 0.06 kg.	<input type="checkbox"/>
Wall bracket	131	6.541-039.0	Wall holder for galvanised steel C-rail profile.	<input type="checkbox"/>
Rail holder wall	132	6.541-012.0	Galvanised steel rail bracket for C-rail profile. Weight 0.235 kg.	<input type="checkbox"/>
Spray lance runner, movable	133	4.042-610.0	moveable	<input type="checkbox"/>
<b>FUEL SUPPLY</b>				
Corrugated gas hose	134	6.388-228.0		<input type="checkbox"/>
Gas shut-off cock	135	6.412-389.0		<input type="checkbox"/>
Gas pressure gauge	136	6.421-059.0		<input type="checkbox"/>
<b>CHIMNEY STAINLESS STEEL</b>				
Adaptor excentric	137	6.526-266.0	Extension 80 / 150	<input type="checkbox"/>
Adaptor excentric 130	138	6.526-247.0	Extension 80 / 200	<input type="checkbox"/>
<b>COUPLING PARTS</b>				
<b>Rotary coupling</b>				
Rotary coupling	139	4.111-021.0	Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector Easy!Lock. With grip protection.	<input type="checkbox"/>
<b>Coupling</b>				
Coupler -2xM22x1,5	140	4.403-002.0	Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.	<input type="checkbox"/>

☐ Available accessories.

## EQUIPMENT FOR HDS 12/14-4 ST GAS

### 1.251-901.0



		Order no.	Description	
<b>COUPLING PARTS</b>				
<b>Connector</b>				
Nozzle connector/screw connector	141	4.111-022.0	Nozzle connector/screw connector for connecting high-pressure nozzles and accessories to the high-pressure trigger gun (with nozzle connector). Connectors: 1x M 22 × 1.5 and 1x M 18 × 1.5.	<input type="checkbox"/>
Short spray unit	142	4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	<input type="checkbox"/>
<b>Adapter EASY!Lock</b>				
Adapter 1 M22AG-TR22AG	143	4.111-029.0	Adapter 1 to connect the old hose with the new hose	<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	144	4.111-030.0	Adapter 2 to connect the old device with the new hose and the old gun with the new hose	<input type="checkbox"/>
Adapter 3 M22IG-TR22AG	145	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	<input type="checkbox"/>
Adapter M22 - Swivel	146	4.111-032.0	M22 × 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of the telescopic lance with a high-pressure hose with AVS connection.	<input type="checkbox"/>
Adapter 5 TR22IG-M22AG	147	4.111-033.0	Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lance	<input type="checkbox"/>
Adapter 6 TR22IG-M22AG	148	4.111-034.0	Adapter 6 to connect the new device with the old hose and the old hose with the new gun	<input type="checkbox"/>
Adapter 7 M18IG-TR20AG	149	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	150	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	<input type="checkbox"/>
Coupler -2xM22x1,5	151	4.111-037.0	Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2x M 22 × 1.5 m.	<input type="checkbox"/>
ADAPTER for replacement TR22IG-M22AG Er	152	4.111-046.0	Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	<input type="checkbox"/>
<b>HOSE REELS</b>				
<b>Automatic, self-winding hose reels</b>				
Automatic plastic hose reel incl. high-pressure hose, 15 m	153	2.639-257.0		<input type="checkbox"/>
Automatic hose reel, powder-coated steel / plastic, 20 m	154	6.392-074.0	Automatic hose reel for 20 m high-pressure hose. The console is made from powder-coated steel, the drum is made from plastic.	<input type="checkbox"/>

☐ Available accessories.

## EQUIPMENT FOR HDS 12/14-4 ST GAS

1.251-901.0



		Order no.	Description	
<b>HOSE REELS</b>				
<b>Automatic, self-winding hose reels</b>				
Automatic stainless steel / synthetic material hose drum, 20 m	155	6.392-083.0	Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.	<input type="checkbox"/>
Automatic hose reel, coated, 20 m	156	6.392-106.0	Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
Hose reel, automatic, basalt grey-coated, 20 m	157	6.392-105.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.	<input type="checkbox"/>
Automatic hose reel, stainless steel, includes swivel holder, 20 m	158	6.392-076.0	Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
Automatic stainless steel hose reel, 40 m	159	6.392-442.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. Compatible high-pressure hose, e.g. order no. 6.110-076.0 (ID 8, 40 m, 400 bar, 1x hose reel connection attachment kit).	<input type="checkbox"/>
Powder-coated swivel holder	160	2.639-931.0	Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose. Rotatable 120°. Galvanised steel.	<input type="checkbox"/>
Stainless steel swivel holder	161	2.641-867.0	Swivelling wall bracket made of high-grade steel (for 2.641-866). This makes maximum flexibility and convenience possible when working with the HP hose.	<input type="checkbox"/>
<b>FACADE AND SOLAR PANEL CLEANING</b>				
<b>Brushes</b>				
Brush hard	162	6.960-133.0	Brush with hard bristles for cleaning industry facades and floor coverings and removing coarse dirt. Simple installation on telescopic lances or high-pressure lances from Kärcher.	<input type="checkbox"/>
Brush medium	163	6.960-134.0	Optimally cleans facades, roller shutters and textile fabrics: the brush with medium-hard bristles for fast and simple attachment to telescopic lances or high-pressure lances from Kärcher.	<input type="checkbox"/>
Brush soft	164	6.960-135.0	For simple installation on telescopic lances or high-pressure lances from Kärcher: brush with soft bristles for deep cleaning of sensitive surfaces such as glass or solar systems.	<input type="checkbox"/>
<b>Telescopic</b>				
TL low pressure adapter	165	4.580-097.0	TL low-pressure adapter comprising ball valve for tool-free installation on telescopic lances. Ideal for applications with rotating high-pressure brushes.	<input type="checkbox"/>
Telescopic lance TL 7 F	166	4.762-609.0	Telescopic lance TL 7 F with up to 7 m reach made from robust and lightweight glass fibre. With practical quick-release fasteners for simple retraction and extension.	<input type="checkbox"/>
Telescopic lance TL 7 H	167	4.762-610.0	Multifunctional hybrid telescopic lance TL 7 H made of rigid and lightweight carbon-glass fibre mix. Telescopic thanks to quick-release fastenings. Up to 7 m reach.	<input type="checkbox"/>
Telescopic lance TL 10 H	168	4.762-611.0	Up to 10 m reach: hybrid telescopic lance TL 10 H. Comprising carbon-glass fibre mix and suitable for multifunctional use. Simple retraction and extension thanks to quick-release fasteners.	<input type="checkbox"/>

☐ Available accessories.

## EQUIPMENT FOR HDS 12/14-4 ST GAS

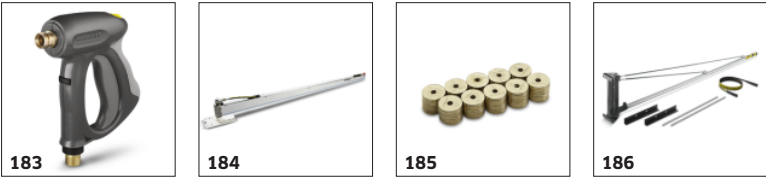
### 1.251-901.0



		Order no.	Description	
FACADE AND SOLAR PANEL CLEANING				
Telescopic				
Telescopic lance TL 10 C	169	4.762-612.0	Carbon fibre telescopic lance TL 10 C. With up to 10 m reach and practical quick-release fasteners. Multifunctional use for cleaning facades, windows or solar panels.	<input type="checkbox"/>
Telescopic lance TL 14 C	170	4.762-613.0	Maximum rigidity with minimum weight: telescopic lance TL 14 C made from carbon fibre. Enormous reach of 14 m, multifunctional use and easy to use thanks to quick-release fasteners.	<input type="checkbox"/>
TL high pressure adapter	171	4.775-154.0	TL high-pressure adapter, flexible high-pressure gun for high-pressure cleaning with telescopic lances. Ergonomic, easy to install, suitable for right- and left-handed individuals.	<input type="checkbox"/>
WET BLASTING ATTACHMENT				
Wet blasting attachment (without nozzle)				
Wet blasting attachment with flow control (without nozzles)	172	4.115-000.0	Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.	<input type="checkbox"/>
Wet blasting attachment without flow control (nozzles not included)	173	4.115-006.0	Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet. Without flow control.	<input type="checkbox"/>
Nozzle pack for wet blasting attachment				
Nozzle pack TR wet jet set 0080	174	2.112-029.0	Consisting of wet jet nozzle and nozzle insert – only for use in combination with wet jet unit 4.115-000.0   4.115-006.0.	<input type="checkbox"/>
Boron carbide nozzle				
Boron carbide nozzle, for machines as of 1000 l/h	175	6.415-083.0	In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	<input type="checkbox"/>
WATER CONNECTION				
Geka coupling				
Hose coupling	176	6.388-458.0	with female thread	<input type="checkbox"/>
WASHING BRUSHES				
Push-on washing brush				
Push-on wash brush, M 18 × 1.5	177	4.113-001.0	Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 × 1.6.	<input type="checkbox"/>
Push-on washing brush	178	4.762-497.0	With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles.	<input type="checkbox"/>
Rotating washing brush				
Rotating wash brush for > 800 l/h machines, nylon bristles	179	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).	<input type="checkbox"/>
Rotating wash brush for > 800 l/h machines, natural bristles	180	4.113-005.0		<input type="checkbox"/>
STATIONARY HIGH-PRESSURE CLEANING SYSTEMS				
Water hose; 1.5 m: DN 13, R 3/4"	181	4.440-282.0		<input type="checkbox"/>
Water solenoid valve	182	4.743-011.0		<input type="checkbox"/>

☐ Available accessories.

EQUIPMENT FOR HDS 12/14-4 ST GAS  
1.251-901.0



		Order no.	Description	
STATIONARY HIGH-PRESSURE CLEANERS				
Hand trigger gun	183	4.775-784.0	Easy Press trigger gun, grey.	<input type="checkbox"/>
SELF SERVICE WASHING SYSTEMS AND EQUIPMENT				
Wash bay equipment				
Swivelling boom 360° for high-pressure tool	184	4.058-106.0	Swivelling boom for HP-working hose (360° turning circle). Mounted above the washing bay.	<input type="checkbox"/>
Tokens				
Set of tokens, stamping	185	6.768-169.0	Set of tokens, stamped	<input type="checkbox"/>
Miscellaneous				
Swinging boom 180°, wall-mounted	186	2.637-120.0		<input type="checkbox"/>

☐ Available accessories.