### **HDS 9/16-4 ST GAS**

Stationary gas-fired hot water high-pressure cleaner













#### Order no.

1.251-900.0

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

Technical data		
EAN code		4054278169354
Current type	Ph / V / Hz	3 / 400 / 50
Flow Rate	l/h	500 - 960
Operating pressure	bar / MPa	30 - 160 / 3 - 16
Temperature (supply 12°C)	°C	max. 98
Power rating	kW	6.4
Water feed		3/4"
number of simultaneous users		1
Mobility		Stationary
Fuse protection	Α	16
Weight (with accessories)	kg	172
Weight incl. packaging	kg	182.4
Dimensions (L × W × H)	mm	1110 × 565 × 970

Users must receive training on this device.

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.	

HDS 9/16-4 ST Gas, 1.251-900.0, 2025-01-17



### 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.





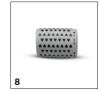






















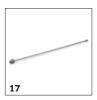


		Order no.	Description	
TRIGGER GUNS				Ė
Trigger guns				
EASY!Force Advanced	1	4.118-005.0	Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.	
EASY!Force conversion kit 1 - from high-pressure 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.	
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.	
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.	
Easy Press high-pressure gun with holding po	wer re	duction (Kärch	er patent)	
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.	. [
Easy Press HP trigger gun with soft grip, M22 × 1.5	6	4.775-466.0	Easy press high-pressure trigger gun with integrated adapter for connecting to high-pressure hoses M $22 \times 1.5$ .	; [
Servo Control				
Servo Control, 750 l/h - 1100 l/h	7	4.118-008.0	Water quantity and pressure regulated directly from the hand spray gun.	
	8	4.775-470.0	Water flow and pressure control on the trigger gun.	
SPRAY LANCES		1		Ť
Rotating spray lances				
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.	
Spray lance, 250 mm, rotatable	10	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	
Spray lance, 400 mm, rotatable	11	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	
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.	
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.	
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.	

 $<sup>\</sup>blacksquare$  Included in delivery.  $\qed$  Available accessories.





























		Order no.	Description	_
SPRAY LANCES				
Rotating spray lances	1			
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.	[
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.	
Spray lance extender, 1000 mm	17	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	
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.	
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.	
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	
	21	6.394-665.0	for agricultural use ( e.g. stable cleaning).	[
Angular spray lance	-			Ť
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.	[
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.	
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.	
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 specia nozzle the gutter can be cleaned without removing the cover plates.	1 [
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.	
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.	
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster, large, 055/060	28	4.114-036.0	The dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Ceramic nozzl and bearing ring for a long service life. Further data: Max. 300 bar, 30 MPa, 85°C.	e [

 $<sup>\</sup>blacksquare$  Included in delivery.  $\hfill\Box$  Available accessories.









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		Order no.	Description	
KÄRCHER POWER NOZZLE				
HP nozzle spray angle 0°				
Power nozzle 0°, 060	29	2.113-036.0	Solid jet for very stubborn dirt and stains.	
Power nozzle spray angle 15°				
Power nozzle 15°, 060	30	2.113-048.0	Fan jet nozzle for stubborn dirt and stains.	
Power nozzle spray angle 25°		•		
Power Nozzle , 060	31	2.883-402.0	Flat stream large area coverage and stubborn dirt and contaminations.	
	32	2.113-026.0	Fan jet nozzle for large-area coverage and stubborn dirt and stains.	
STEAM NOZZLE / NOZZLE PROTECTOR / ROLLO	VER N	OZZLE		
Rollover nozzle holder				
Ball Nozzle Holder	33	4.764-012.0	Rollover nozzle holder for contactless changeover from pencil jet to fan jet as well as low-pressure detergent injection via knurled nut. Without nozzle insert. (Additional type-specific power nozzle).	2 □
NOZZLE UNION / SPACER				
Nozzle union				
Nozzle screws	34	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	
Nozzle connector	35	5.401-210.0	For protecting and connecting Kärcher power nozzles to spray lances (M $18 \times 1.5$ IG).	
HIGH-PRESSURE HOSES				
Standard				
High-pressure hose, 20 m, ID 8, 315 bar, $1 \times \text{EASY!Lock} / 1 \times \text{AVS-hose reel connection}$	36	6.110-011.0	High-pressure hose with AVS hose reel connection and EASY!Lock hand screw connection.	
Standard with unions on both sides		<u> </u>		
High-pressure hose, 10 m, ID 10, 220 bar, 2 × EASY!Lock	37	6.110-041.0		
High-pressure hose, 10 m, ID 8, 315 bar, 2 × EASY!Lock	38	6.110-031.0	10 m high-pressure hose (M $22 \times 1.5$ ) with kink protection. With patented rotating TR22 trigger gur connector and manual coupling. Further data: DN $8/155^{\circ}$ C/315 bar.	n 🗆
High-pressure hose, 30 m, ID 8, 315 bar, 2 × EASY!Lock	39	6.110-014.0	With rotary coupling, 2 $\times$ M 22 $\times$ 1.5	
High-pressure hose, 15 m, ID 10, 220 bar, 2 × EASY!Lock	40	6.110-042.0	15 m high-pressure hose M $22 \times 1.5$ ) with kink protection and threaded couplings at both ends. Further data: DN $10/155^{\circ}$ C/ $220$ bar.	
High-pressure hose, 20 m, ID 10, 220 bar, 2 × EASY!Lock	41	6.110-043.0	with union on both sides, M 22 $\times$ 1.5 with anti-kink protection. NW 10/155 $^{\circ}$ C/220 bar	
High-pressure hose, 25 m, ID 10, 220 bar, 2 × EASY!Lock	42	6.110-044.0		

<sup>■</sup> Included in delivery. 

□ Available accessories.



























		Order no.	Description	
HIGH-PRESSURE HOSES		Order 110.	Description	_
Standard with unions on both sides				_
High-pressure hose, 15 m, ID 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. $2x M 22 \times 1.5$ with anti-kink protection.	
High-pressure hose, 40 m, ID 12, 210 bar, 2 × EASY!Lock	44	6.110-060.0		[
Longlife 400				
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 1 $\times$ EASY!Lock / 1 $\times$ 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.	
Longlife 400 with unions on both sides				Ė
High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, 2 $\times$ EASY!Lock	46	6.110-024.0	1.5 m high-pressure hose (DN 8, M $22 \times 1.5$ ) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M $22 \times 1.5$ ).	
High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, $1 \times EASY!Lock / 1 \times M22 \times 1.5$	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 $22 \times 1.5$ , quick and convenient EASY!Lock hand screw connection.	
High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, $2 \times M22 \times 1.5$	48	6.390-178.0	1.5 m high-pressure hose (DN 8, M $22 \times 1.5$ ) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M $22 \times 1.5$ ).	. [
High-pressure hose Longlife, 10 m, ID 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.	
High-pressure hose Longlife, 10 m, ID 8, 400 bar, $2 \times M22 \times 1.5$	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 $22 \times 1.5$ , with kink protection.	
High-pressure hose Longlife, 30 m, ID 8, 400 bar, 2 × EASY!Lock	51	6.110-023.0	With rotary coupling, 2 $\times$ M 22 $\times$ 1.5	
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	52	6.110-027.0	with rotary coupling, 2 $\times$ M 22 $\times$ 1.5	
High-pressure hose Longlife, 15 m, ID 8, 400 bar, 2 × EASY!Lock	53	6.110-029.0	With rotary coupling, 2 × M 22 × 1.5	
Food industry version with unions on both sid	les			
High-pressure hose food grade, 10 m, ID 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 $22 \times 1.5$ with anti-kink sleeve.	
High-pressure hose food grade, 20 m, ID 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 $22 \times 1.5$ , with kink protection. NW 8/155°C/250 bar.	
Longlife food industry version with unions on	both s	sides		Ť
High-pressure hose food grade Longlife, 10 m, ID 8, 400 bar, $2 \times EASY!Lock$	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.	
ID 8, 400 bar, 2 × EASY!Lock			10 m long, ANTI!Twist and EASY!Lock hand screw connection at both ends.	_

 $<sup>\</sup>hfill \square$  Available accessories.























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		Order no.	Description	
HIGH-PRESSURE HOSES		Order no.	Description	H
Longlife food industry version with unions on	both s	sides		
High-pressure hose food grade Longlife, 20 m, ID 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)	
High-pressure hose food grade, 10 m, ID 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	
PIPE CLEANING				
Pipe cleaning hose, ID 6				
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).	
Pipe cleaning hose, DN 6, 20 m, 220 bar	60	6.110-008.0	20m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).	
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).	
FLOOR AND HARD SURFACE CLEANER				
Hard surface cleaner FR 30 ME				
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.	
Hard Surface Cleaner FR 50				
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 dosin system.	g
Machine-specific nozzle kit for FR		l .		_
Nozzle kit for FR, 850 l/h - 1100 l/h	64	2.640-442.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).	
Machine-specific nozzle kits for FRV		l .		Ť
Nozzle kit for FRV, 050	65	2.642-433.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
Nozzle kit for FRV, 080	66	2.642-982.0		1
Hard surface cleaner FRV 30 Me				_
FRV 30 Me Surface Cleaner	67	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.	
Extension hose FRV 30 Me and FRV 50 Me	68	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	
FOAM SYSTEMS				Ť
Cup foam lance				
Cup foam lance Advanced 3, 900 l/h - 2500 l/h	69	4.112-065.0		
Cup foam lance DUO Advanced 3, 900 l/h - 2500 l/h	70	4.112-069.0		j

<sup>☐</sup> Available accessories.

#### **KÄRCHER**



























		Order no.	Description	
FOAM SYSTEMS	<u> </u>	0.44.1101		+
Cup foam lance				
Cup foam lance Basic 3, 900 l/h - 2500 l/h	71	4.112-055.0	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.	
1-litre cleaning agent container for cup foam lance basic	72	5.071-414.0		
1-litre cleaning agent container for cup foam lance advanced	73	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).	
Inno Foam Set		•		
Inno foam kit with detergent injector	74	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.	
Easy Foam Set				
Easy Foam Set with RM injector	75	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	
Easy foam set	76	2.112-011.0	specific nozzle kit has to be ordered separately.	
Nozzle kits for Inno/Easy Foam Set		·		
Nozzle kit 090 Inno/Easy kit 700 - 1000 I/h	77	2.111-019.0	Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 l/h. For optimal foam system performance.	
Foam nozzle mounting kit		<b>'</b>		
Foam nozzle kit	78	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.	
MIXERS AND INJECTORS				
HP detergent injector				
Detergent injector for high and low pressure (without nozzles)	79	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	
Detergent injector for high pressure	80	4.637-033.0	Cleaning agent dosage at high pressure 3 – 5 %	
Machine-specific nozzle kit with order no. 3.6	37-170	)		
Nozzle insert trapezoidal thread HDS-GER	81	4.769-011.0	For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union	
Nozzle insert with order no. 3.637-001				İ
Nozzle insert for Order No. 3.637-001, high-pressure for machines up to 1100 l/h.	82	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.	
Low pressure for units rated up to 1100 l/h	83	4.769-001.0	For low pressure with machines up to 1.100 l/h	Ε
QUICK CONNECT		•		
Quick-fitting pipe union coupler trapezo	84	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 × 1.5 internal thread.	

 $<sup>\</sup>hfill \square$  Available accessories.

#### **KÄRCHER**





























		Order no.	Description	
QUICK CONNECT				
Quick-fitting pipe union plug nipple tra	85	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M $22 \times 1.5$ external thread.	
Quick coupling	86	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.	
Plug nipple	87	6.401-459.0	Hardened stainless steel nipple for quick coupling 6.401-458. With M22 × 1,5 male.	
DRUM AND TANK CLEANING				
Add-on kit mud sucker	88	2.641-798.0		
OTHER HP ACCESSORIES		<u> </u>		
Jet gun	89	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.	
TAKE-OFF POINT EQUIPMENT				
Hose and spray lance holder VA	90	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.	
REMOTE CONTROL				
Multiple coin remote control without coin acceptor	91	2.642-422.0		
Remote control	92	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.	
Remote control I-O, hot/cold, detergent 1-2	93	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.	
Multiple op. control, I-O, hot-cold, 1-2	94	2.744-011.0	w. I-O, hot-cold, 1-2	
Coin acceptor, 50 cents	95	2.639-912.0		
Coin acceptor, 1 €	96	2.639-913.0		
Coin acceptor, 2 €	97	2.639-914.0		
Coin acceptor, tokens	98	6.768-063.0	Token	
Available accessories		1		

<sup>☐</sup> Available accessories.

























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		Order no.	Description	
CONTROL CABLE				
Control cable	99	6.647-222.0	Connection cable available as bulk stock (12 $\times$ 1.0 mm $^2$ ) for use as control cable. For all stationary HD/HDS machines from Kärcher.	
Control cable 3x 1.5 mm2 (price per meter)	100	6.641-059.0	Connecting cable 3 × 1.5 mm². Available by the meter.	
Control cable 7 × 1.5 m	101	6.641-064.0		
Control cable 10 × 1.5 m	102	6.641-082.0		
Conduit	103	2.420-008.0	Conduit for control cable installation. Consisting of 3 m conduit, 5x conduit clips, 5x dowels, 5x screws.	
HIGH-PRESSURE PIPEWORK				
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.	
Connector pipe/high-pressure hose, stainless steel	105	2.638-181.0	Stainless steel	
Connector pipe/stop valve, stainless steel	106	2.638-183.0		
Shut-off valve, stainless steel	107	4.580-163.0		
	108	6.386-428.0	(VA)	
Union nut, stainless steel	109	6.386-465.0	Stainless steel	
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.	
Connector, galvanised steel	111	2.638-180.0	Alternativ : stainless steel 2.638-181	
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: $1 \times M22 \times 1.5$ and $1 \times M24 \times 1.5$ . With wall mounting plate and fixing material.	

 $<sup>\ \</sup>square$  Available accessories.































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		Order no.	Description	
HIGH-PRESSURE PIPEWORK				
Pipe kit, galvanised steel, 3 m	113	2.420-004.0	High-pressure pipe kit with 3 m galvanised steel pipe Ø $16 \times 2.5$ mm, DN 11 and fixing accessories Compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	: 🗆
Tee, galvanised steel	114	6.386-269.0	Tee (90°), galvanised steel with compression fitting for 16 mm pipes. Fixing material (Ermeto) included.	
Elbow union, galvanised steel	115	6.386-356.0	Elbow union, galvanised steel. With $90^\circ$ angle piece with compression fitting (Ermeto) at both ends for 16 mm pipes.	
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.	
Adapter piece, galvanised steel	117	2.638-182.0	Alternative: stainless steel 2.638-183	
Quick-release coupling, fixed part	118	6.463-025.0	fixed part	
Union nut, galvanised steel	119	6.386-423.0	Union nut, galvanised steel. For 16 mm compression fitting.	
Cutting ring	120	6.386-357.0	Galvanised steel cutting ring. For 16 mm compression fitting.	
PLANT INSTALLATION				Т
Water supply hose, 1.5 m: DN 13	121	6.389-145.0		
Kit 1 detergent	122	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.	
HOSE TRACK SYSTEM HIGH-PRESSURE CLEANE	RS			
Rail holder	123	6.541-027.0		
C-rail, per running metre	124	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.	
Rail connector	125	6.541-011.0		
End stop	126	6.541-025.0		

 $<sup>\</sup>hfill\square$  Available accessories.





























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	Order no.	Description	
ERS			Ė
127	6.541-026.0	Cable trolley for C-rail profile. 20 kg capacity. Weight 0.11 kg. Galvanised steel ball bearing.	
128	6.541-028.0		ı
129	6.541-029.0	C-rail profile clamp. Galvanised steel. Plastic clamping parts. Weight 0.06 kg.	ı
130	6.541-039.0	Wall holder for galvanised steel C-rail profile.	[
131	6.541-012.0	Galvanised steel rail bracket for C-rail profile. Weight 0.235 kg.	[
132	4.042-610.0	moveable	[
			Ť
133	6.388-228.0		[
134	6.412-389.0		[
135	6.421-059.0		[
136	6.526-266.0	Extension 80 / 150	[
	'		
137	2.880-001.0		[
138	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.	[
139	4.403-002.0	Brass double connector for connecting and extending high-pressure hoses. With rubber protection connector: $2x \ M \ 22 \times 1.5 \ m$ .	. [
140	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: $1 \times M 22 \times 1.5$ and $1 \times M 18 \times 1.5$ .	[
	128 129 130 131 132 133 134 135 136 137	127   6.541-026.0 128   6.541-028.0 129   6.541-029.0 130   6.541-012.0 131   6.541-012.0 132   4.042-610.0 133   6.388-228.0 134   6.412-389.0 135   6.421-059.0 136   6.526-266.0 137   2.880-001.0 138   4.111-021.0	127 6.541-026.0 Cable trolley for C-rail profile. 20 kg capacity. Weight 0.11 kg. Galvanised steel ball bearing.  128 6.541-028.0  129 6.541-029.0 C-rail profile clamp. Galvanised steel. Plastic clamping parts. Weight 0.06 kg.  130 6.541-039.0 Wall holder for galvanised steel C-rail profile.  131 6.541-012.0 Galvanised steel rail bracket for C-rail profile. Weight 0.235 kg.  132 4.042-610.0 moveable  133 6.388-228.0  134 6.412-389.0  135 6.526-266.0 Extension 80 / 150  137 2.880-001.0  138 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.  139 4.403-002.0 Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2x M 22 × 1.5 m.

 $<sup>\</sup>hfill \square$  Available accessories.





























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		Order no.	Description	
COUPLING PARTS				
Connector				
Short spray unit	141	4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	
Adapter EASY!Lock				
Adapter 1 M22AG-TR22AG	142	4.111-029.0	Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	143	4.111-030.0	Adapter 2 to connect the old device with the new hose and the old gun with the new hose	
Adapter 3 M22IG-TR22AG	144	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	
Adapter M22 - Swivel	145	4.111-032.0	M22 $\times$ 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.	
Adapter 5 TR22IG-M22AG	146	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	
Adapter 6 TR22IG-M22AG	147	4.111-034.0	Adapter 6 to connect the new device with the old hose and the old hose with the new gun	
Adapter 7 M18IG-TR20AG	148	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	
Adapter 8 TR20IG-M18AG	149	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	
Coupler -2xM22x1,5	150	4.111-037.0	Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: $2x \ M \ 22 \times 1.5 \ m$ .	
ADAPTER for replacement TR22IG-M22AG Er	151	4.111-046.0	Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	
HOSE REELS				
Automatic, self-winding hose reels				
Automatic plastic hose reel incl. high-pressure hose, 15 $\ensuremath{\mathrm{m}}$	152	2.639-257.0		
Automatic hose reel, powder-coated steel / plastic, 20 m	153	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.	
Automatic stainless steel / synthetic material hose drum, 20 m	154	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.	

<sup>☐</sup> Available accessories.































		Order no.	Description	
HOSE REELS				
Automatic, self-winding hose reels				
Automatic hose reel, coated, 20 m	155	6.392-106.0	Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	. 🗆
Hose reel, automatic, basalt grey-coated, 20 m	156	6.392-105.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.	
Automatic hose reel, stainless steel, includes swivel holder, 20 m	157	6.392-076.0	Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
Automatic stainless steel hose reel, 40 m	158	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).	
Powder-coated swivel holder	159	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.	
Stainless steel swivel holder	160	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.	
FACADE AND SOLAR PANEL CLEANING				
Brushes				
Drive for roller brush 500	161	4.762-584.0	Hydraulic drive for rotating roller brushes. For cleaning façades or solar power installations with our professional high-pressure cleaners. Installation on spray lance or telescopic lance.	
Splash guard for roller brush 500	162	4.762-621.0	Splash guard with velcro fastening for rotating roller brush. Clear view of the brush thanks to transparent film, with protection against splashes at the same time.	
Roller brush 500 soft	163	4.762-623.0	Soft brush attachment for use with hydraulic drive (4.762-584.0). Ideal for glass and solar power installation cleaning. Easy quick-change system and secure mounting on drive.	
Roller brush 500 medium	164	4.762-624.0	Medium-hard brush attachment for use with hydraulic drive (4.762-584.0). Suitable for sensitive façades, foils and fabrics. Easy and safe quick-change system.	
Roller brush 500 hard	165	4.762-625.0	Hard brush attachment for use with hydraulic drive (4.762-584.0). For rough façades, stone and wooden patios. Safe and easy quick-change system.	
Brush hard	166	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.	
Brush medium	167	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.	
Brush soft	168	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.	

<sup>☐</sup> Available accessories.

#### **KÄRCHER**























	<u> </u>	Order no.	Description	L
FACADE AND SOLAR PANEL CLEANING				_
Telescopic	1460	14500 0070	Tiller and a second advance and a second and a second as	Le
TL low pressure adapter	169	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.	
Telescopic lance TL 7 F	170	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.	[
Telescopic lance TL 7 H	171	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.	. [
Telescopic lance TL 10 H	172	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.	
Telescopic lance TL 10 C	173	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.	
Telescopic lance TL 14 C	174	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.	
TL high pressure adapter	175	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.	
WET BLASTING ATTACHMENT				
Wet blasting attachment (without nozzle)				
Wet blasting attachment with flow control (without nozzles)	176	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.	
Wet blasting attachment without flow control (nozzles not included)	177	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.	
Nozzle pack for wet blasting attachment	·			
Nozzle pack TR wet jet set 0060	178	2.112-025.0	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.	
Boron carbide nozzle				T
Boron carbide nozzle, for machines as of 1000 $l/h$	179	6.415-084.0	In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	
WATER CONNECTION				T
Geka coupling				Г
Hose coupling	180	6.388-458.0	with female thread	[
Water supply hose	-			_
Water supply hose	181	4.440-038.0	NW 13 R1" / R 3/4", up to 30 °C	
WASHING BRUSHES				+
Push-on washing brush				ĺ
Push-on wash brush, M 18 × 1.5	182	4.113-001.0	Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 × 1.6.	
□ Available accessories		-	•	_

<sup>☐</sup> Available accessories.





















		Order no.	Description	
WASHING BRUSHES		<u> </u>		
Push-on washing brush				
Push-on washing brush	183	4.762-497.0	With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles.	
Rotating washing brush	-	<b>'</b>		
Rotating wash brush for < 800 l/h machines, nylon bristles	184	4.113-004.0	The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to $60^{\circ}$ C. (M $18 \times 1.5$ , replaceable brush insert).	
Rotating wash brush for < 800 l/h machines, natural bristles	185	4.113-003.0	Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to $60^{\circ}$ C, M $18 \times 1.5$ (replaceable brush insert).	
STATIONARY HIGH-PRESSURE CLEANING SYST	EMS			
Water hose; 1.5 m: DN 13, R 3/4"	186	4.440-282.0		
Wall bracket	187	2.053-005.0	Wall bracket	
Water solenoid valve	188	4.743-011.0		
STATIONARY HIGH-PRESSURE CLEANERS				
Hand trigger gun	189	4.775-784.0	Easy Press trigger gun, grey.	
SELF SERVICE WASHING SYSTEMS AND EQUIP	MENT			
Tokens				
Set of tokens, stamping	190	6.768-169.0	Set of tokens, stamped	
Miscellaneous				
Swinging boom 180°, wall-mounted	191	2.637-120.0		
DRUM AND TANK CLEANING				
Barrel and tank cleaning				
Rotary cleaner head M63E	192	6.751-061.0		

<sup>☐</sup> Available accessories.