



HD 13/12-4 ST

The space-saving stationary high-pressure cleaners from Kärcher with up to 6 supply points can be individually configured according to requirements and impress with low wear and tear.





TECHNICAL DATA AND EQUIPMENT.

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HD 13/12-4 ST

Technical data		
Order Number		1.524-950.2
Current type	Ph / V / Hz	3 / 400 / 50
Fuse protection	Α	16
Flow rate	l/h	650-1300
Operating pressure	bar / MPa	30-120 / 3-12
Max. pressure	bar / MPa	150 / 15
Max. water feed temperature	°C	70
Power rating	kW	7,3
Weight	kg	72
Dimensions (L x W x H)	mm	533 × 420 × 790
Equipment		
Trigger gun		EASY!Force Advanced
Servo Control		-
High-pressure hose	m	10 / ID 8, 315 bar
Triple nozzle (0°/25°/40°)		Manual
Anti-twist system (AVS)		-
Stainless steel spray lance	mm	1050
Ready for remote control		1
Ready for Servo Control		I contraction of the second seco
Included in delivery.		

Included in delivery.

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Max. working Order Number ID pressure Length Price Description Standard with unions on both sides High-pressure hose, 15 m DN 10. 6.110-042.0 ID 10 220 bar 15 m 15 m high-pressure hose M 22 x 1.5) with kink protection 1 220 bar, extension and threaded couplings at both ends. Further data: DN 10/155°C/220 bar with union on both sides, M 22 x 1.5 with anti-kink protec-High-pressure hose, 20 m DN 10. 6 1 1 0 - 0 4 3 0 220 har 2 ID 10 20 m 220 bar, extension tion. NW 10/155°C/220 bar High-pressure hose, 25 m DN 10. 3 6 1 1 0 - 0 4 4 0 ID 10 220 har 25 m extension, not rotatable Hose assembly premium DN12 6.110-059.0 210 bar 15 m High-pressure hose for water volumes greater than 1,800 l 4 ID 12 h. With union on both sides. 2x M 22 x 1.5 with anti-kink 21MPa 15m Hose assembly premium DN12 6.110-060.0 ID 12 210 bar 40 m protection 5 21MPa 40m Hose assembly TR DN10 22MPa 6.110-041.0 220 bar ID 10 10 m 6 10m High-pressure hose, 10 m DN 8, 6.110-031.0 ID 8 315 bar 10 m 10 m high-pressure hose (M 22 x 1.5) with kink protection. 7 AVS trigger gun connector With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar High-pressure hose, 20 m DN 8, 6.110-032.0 ID 8 315 bar 20 m 20 m high-pressure hose (M 22 x 1.5) with kink protection. 8 AVS trigger gun connector With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar Longlife 400 with unions on both sides High-pressure hose Longlife 400 9 6.110-023.0 ID 8 400 har 30 m With rotary coupling, 2 x M 22 x 1.5 30 m DN 8, including rotary coup ling High-pressure hose Longlife 400, 10 6.110-027.0 ID 8 400 bar 20 m with rotary coupling, 2 x M 22 x 1.5 20 m, DN 8, extension High-pressure hose Longlife 400, 6.110-029.0 ID 8 400 bar 15 m With rotary coupling, 2 x M 22 x 1.5 11 15 m, DN 8, including rotary coup ling 1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink pro-High-pressure hose 1.5 m. DN 8. 6.110-024.0 400 bar 1.5 m 12 ID 8 including connectors tection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5). Longlife 400 high-pressure hose, 1 13 6.110-069.0 ID 8 400 har 1.5 m High-pressure hose (ID 8) with double steel reinforcement, x EASY!Lock, 1 x M22 x 1.5, DN 8, 1.5 m long, suitable for up to 400 bar pressure. Connectors: П 400 bar. 1.5 m M 22 × 1.5, quick and convenient EASY!Lock hand screw connection. High-pressure hose 1.5 m, DN 8, 6.390-178.0 ID 8 400 bar 1,5 m 1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink pro-14 tection and connectors at both ends. For connecting to hose including connectors reels with appropriate connector (M 22 x 1.5). High-pressure hose packaged 6.110-038.0 ID 8 400 bar 10 m Durable, 10 m long high-pressure hose (ID 8) with double 15 steel reinforcement and EASY!Lock hand screw connection at both ends and ANTI!Twist. Approved for 400 bar pressure. High-pressure hose Longlife 400. 16 6 388-083 0 ID 8 400 har 10 m 10 m high-pressure hose Longlife 400 (DN 8) with rotary 10 m. DN 8. including rotary coup coupling, two laver high-strength steel wire reinforced. ling Connectors at both ends. M 22 x 1.5, with kink protection Food industry version with unions on both sides High-pressure hose, 10 m ID 8, ID 8 250 bar 10 m 10 m high-pressure hose (DN 8) with patented (rotating) 17 6.110-051.0 suitable for food industry, extensi AVS trigger gun connector. Non-discolouring outer laver for use in the food industry. M 22 x 1.5 with anti-kink sleeve. on piece High-pressure hose, 20 m ID 8, 18 6.110-052.0 ID 8 250 bar 20 m 20 m high-pressure hose (DN 8) with swivel coupling. Non-

■ Included in delivery. □ Available accessories. ▲ Extension hose.

suitable for food industry, extensi

on piece

discolouring outer layer for use in the food industry. Con-

nectors at both ends, M 22 x 1.5, with kink protection. NW

8/155°C/250 bar



		Order Number	ID	Max. working pressure	Length	Price	Description	
High-pressure hose 15 m ID 6, AVS trigger gun connector 11 mm, suitable for food industry, grey	19	6.110-063.0	ID 6	250 bar	15 m		15 m high-pressure hose (DN 6) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. DN 6/155°C/250 bar.	
Longlife food industry version with	unior	ns on both sides						
High pressure hose food DN 8 / 10 m	20 21	6.110-053.0 6.391-864.0	ID 8 ID 8	400 bar 400 bar	10 m 10 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With rotary coupling, 2 x M 22 x 1,5	
HIgh-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun con- nection	22	6.110-054.0	ID 8	400 bar	20 m		Longlife HP lose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With patented AVS connection in the pistol (pivot moun- ted)	
Standard				-				
Hose assembly TR rotatable DN8 31,5MPa 2	23	6.110-011.0	ID 8	315 bar	20 m		High-pressure hose with AVS hose reel connection and EASY!Lock hand screw connection.	
Longlife 400								
High-pressure hose Longlife 400, 20 m DN 8, AVS trigger gun con- nector	24	6.110-028.0	ID 8	400 bar	20 m		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 food industry version								
Hose assembly TR hygiene DN8 40MPa 20m	25	6.110-075.0	ID 8	400 bar	20 m			

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8 9		10		11	3	12			
		Order Number	Flow rate			Price	Description		
Trigger guns			·						
EASY!Force Advanced	1	4.118-005.0					gun uses the reco	ergy-sapping: the EASY!Force high-pressur bil force of the high-pressure jet to reduce for the operator to zero.	
Conversion kit 1 from high pressu re hose	- 2	4.111-050.0					M22 hose onto o	which enables secure connection from an ur innovative EASY!Force trigger gun. The ASY!Force Trigger gun, adaptors and lance.	
Conversion kit 2 from device	3	4.111-051.0					technology even	parts required to utilise our EASY!Force on our non-Easy!Force machines. Including Easy!Force trigger gun and hose.	; 🗆
Conversion kit 3 only EASY!Force	4	4.111-052.0						for the EASY!Force gun, which includes the to conncect to the M22 style lance and	
Easy Press high-pressure gun with	holdin	g power reductio	n (Kärcher patent)						
Easy press high-pressure trigger gun with softgrip	5	4.775-463.0						pressure trigger gun with softgrip. For ses DN 6 and DN 8 with 11 mm swivel	
	6	4.775-466.0						pressure trigger gun with integrated adap- g to high-pressure hoses M 22 x 1.5.	
Servo Control Servo Control controller with EASY!Lock	7	4.118-009.0	1100 l/h				Servo control for I/h) on the trigger	water flow and pressure control (> 1100	
Servo control	8	4.775-471.0	1100 l/h					nd pressure regulated directly from the	
Quick connect									
Quick coupling	9	6.401-458.0					Optimum adaptio	of different spray lances and accessories. In to Kärcher accessories, especially for een trigger gun and spray lance. With M22	
Plug nipple	10	6.401-459.0					458. With M22 x		
Quick-fitting pipe union coupler trapezo	11	2.115-000.0					Perfect for Kärch	between different spray lances/accessories er spray unit, suitable for trigger gun/spra Vith M 22 x 1.5 internal thread.	
Quick-fitting pipe union plug nipp- le tra			▲ Extension hos					ss steel male coupling for quick coupling M 22 x 1.5 external thread.	

1	2	3	4	5	6	7
8	9	10	11	12-13	14	15

		Order Number	Max. working pressure	Length		Price	Description
Rotating spray lances							
1050 mm lance, rotatable, ergono- mic	1	4.112-000.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
Nozzle Light	2	2.680-002.0		125 mm			LED work light for assembly on EASY!Force spray lances, providing a clear view in poor lighting conditions ensuring controlled cleaning results.
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm			600 mm stainless steel lance (manual coupling) with ergono-
550 mm lance, non-rotatable	4	4.112-024.0	300 bar	400 mm			mic handle for ease of use and protection. Rotatable 360°
Rotatable lance, 600 mm, ergono- mic	5	4.112-007.0	300 bar	600 mm			under pressure.
Lance 850 mm, rotatable, ergono- mic	6	4.112-006.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360° under pressure.
Lance 1550 mm, rotatable, ergo- nomic	7	4.112-018.0	300 bar	1550 mm			1550 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
Lance 2050 mm, rotatable, ergo- nomic	8	4.112-021.0	300 bar	2050 mm			2050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
Jet pipe extension TR 1000 mm	9	4.112-048.0	300 bar	1000 mm			Spray lance extension with EASY!Lock connection. Length 1000 mm.
Rotatable lance, 600 mm, ergono- mic	10	4.760-664.0	300 bar	600 mm			600 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360° under pressure.
1050 mm lance, rotatable, ergono- mic	11	4.760-660.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
Double lance			1				
Double lance 960 mm	12	6.394-665.0	310 bar	960 mm			960 mm double lance for variable pressure adjustment on
	13	2.112-016.0	310 bar	960 mm			handle at full water flow rate. Suitable for agricultural use (e.g. stable cleaning).
Angular spray lance WC and gutter lance	14	4.112-029.0					Stainless steel lance WC and gutter with nozzle insert. Spe- cially shaped for effective and hygienic cleaning of gutters and toilets.
Flexible spray lance							
Flexible lance 1050 mm	15	4.112-035.0	210 bar	1050 mm			1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.
Articulated joint TR 20	16	4.112-057.0	300 bar				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.
Telescopic spray lance					<u> </u>		Tas the spray funce of the pressure washer.
Telescopic jet pipe	17	4.112-037.0	225 bar	5400 mm			Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach, such as ceilings or facades. With integrated HD trigger gun, M 22 x 1.5 connection with rotary coupling. Connection for M 18 x 1.5 nozzles.
Restraint belt for telescopic jet pipe	18	6.373-987.0					Convenient strap for relief when working with the telesco- pic spray lance (6.394-690). The burden is optimally distri- buted on the body and longer periods of use are possible.



		Order Number	Max. working pressure	Length		Price	Description	
Gutter cleaner	-							
Gutter cleaning lance	19	2.112-015.0		960 mm			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.	
Undercarriage spray lance								
Underbody lance	20	4.112-032.0		700 mm			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	21	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.	C



		Order Number	Max. working pressure	Nozzle size		Price	Description
Triple nozzles							
Triple jet nozzle only for replace-	1	4.767-205.0	300 bar	100			
ment 1	2	4.117-041.0	300 bar	100			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For high-pressure cleaners with injector; low-pressure fan jet for detergent removal and application. Connector M 18x1.5.
Dirt blaster, large							
Dirt blaster - without changeover function	3	4.114-048.0	300 bar	100			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.



		Order Number	Nozzle size		Price	Description
HP nozzle spray angle 0°			·1		 	
High-pressure nozzle spray angle °0	1	2.113-039.0	110			Solid jet for very stubborn dirt and stains.
Power nozzle spray angle 15°						
Power nozzle spray angle 15°	2	2.113-052.0	100			Fan jet nozzle for stubborn dirt and stains.
Power nozzle spray angle 25°						
Power nozzle 25° spray angle	3	2.883-408.0	100			[
Power nozzle 25° - 100	4	2.113-017.0	100			Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.

 \blacksquare Included in delivery. $\hfill\square$ Available accessories. $\hfill A Extension hose.$

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		Order Number		Price	Description	
Nozzle union						_
Nozzle connector	1	5.401-210.0			For protecting and connecting Kärcher power nozzles to	
	-	5.101 210.0			spray lances (M 18 x 1.5 IG).	
Nozzle screws	2	4.112-011.0			Nozzle screws with protectors for high-pressure and power	
UD determent injector					nozzles	
HP detergent injector Detergent injector for high and	3	4.637-032.0			Detergent injector for independent high and low pressure	
low pressure (without nozzles)	J	4.057 052.0			dosage. Maximum dosage about 15%.	
Detergent injector for high pressu-	4	4.637-033.0			Cleaning agent dosage at high pressure 3 - 5 %	П
re						
Machine-specific nozzle kit with ord		1		1		
Nozzle insert trapezoidal thread Machine-specific nozzle kit with	5	4.769-013.0 4.769-048.0			For HD/HDS 1000 - 1200 l/h. Consists of nozzle insert + HP power nozzle + union	
order no. 3.637-170.0 1000-1200	0	4.705-048.0				
I/h I/h						
Nozzle insert with order no. 3.637-0					1	
Nozzle insert for Order No. 3.637- 001, high-pressure for machines up to 1100 l/h.	7	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	8	4.769-001.0			For low pressure with machines up to 1.100 l/h	
1100 l/h						
Rotary coupling	9	4.111-021.0		1	Kärcher rotary coupling prevents twisting and kinking of	
Rotary coupling	9	4.111-021.0			high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.	
Coupling		1	1 1 1			
Coupler -2xM22x1,5	10 11	4.111-037.0 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.	
Connector						
Nozzle connector/screw connector	12	4.111-022.0			Nozzle connector/screw connector for connecting high- pressure nozzles and accessories to the high-pressure trig- ger gun (with nozzle connector). Connectors: 1x M 22 x 1.5 and 1x M 18 x 1.5.	
Short spray unit	13	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		<u> </u>				
Adapter 1 M22AG-TR22AG	14	4.111-029.0			Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	15				Adapter 2 to connect the old device with the new hose and the old gun with the new hose	
Adapter 3 M22IG-TR22AG	16	4.111-031.0			Adapter 3 to connect the old gun with the new spray lance and new servo regulator	
Adapter M22 - Swivel	17	4.111-032.0			M22 x 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	18	4.111-033.0			tion. Adapter 5 to connect the new gun with the old spray lance	
Adapter 5 TR22IG-M22AG Adapter 6 TR22IG-M22AG	18 19	4.111-033.0 4.111-034.0			tion.	

			24	25		
28 29		30	31	32	33	
Adapter 8 TR20IG-M18AG	21	Order Number		Price	Description Adapter 8 to connect the new spray lance with the old	
	21	4.111 050.0			nozzle	
Take-off point equipment Hose and spray lance holder VA	22	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 Remote control	23	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, RM 1+2	24	2.744-014.0				
Remote control, I-O, RM 1+2	25				Accessories for stationary high-pressure cleaning systems	
Priority switch		2.638-200.0			-	
Coin acceptor, 50 cents	27	2.639-912.0			-	
Coin acceptor, 1 € Coin acceptor, 2 €	28 29	2.639-913.0 2.639-914.0			-	
Coin acceptor, tokens	30	6.768-063.0			Token	
Junction box for remote control	31	2.209-798.0				
Cable harness add-on kit	32	2.209-807.0				
Control cable						
Control cable 3x 1.5 mm2 (price	33	6.641-059.0			Connecting cable $3 \times 1.5 \text{ mm}^2$. Available by the meter.	
per meter)	24	6.641.064.0				
Control cable 7 x 1.5 m Control cable 10 x 1.5 m	34 35				-	
Conduit	36				Conduit for control cable installation. Consisting of 3 m	
					conduit, 5x conduit clips, 5x dowels, 5x screws.	
	37	6.647-222.0				
High-pressure pipework	20	2 520 400 0		1	Alternative stately a CO0 404	
Connector, galvanised steel Shut-off valve, galvanised steel	38 39	2.638-180.0 4.580-144.0			Alternativ : stainless steel 2.638-181 Shut-off valve, galvanised steel. Connects between high-	
	23	4.500 144.0			pressure pipe system and high-pressure hose. Connectors: 1x M22 x 1.5 and 1x M24 x 1.5. With wall mounting plate and fixing material.	
Pipe kit, galvanised steel, 3 m	40	2.420-004.0			High-pressure pipe kit with 3 m galvanised steel pipe Ø 16 2.5 mm, DN 11 and fixing accessories: Compression fitting, pipe clamps, 4 hanger bolts and 4 plastic dowels.	
Tee, galvanised steel	41	6.386-269.0			Tee (90°), galvanised steel with compression fitting for 16 mm pipes. Fixing material (Ermeto) included.	
Elbow union, galvanised steel	42	6.386-356.0			Elbow union, galvanised steel. With 90° angle piece with compression fitting (Ermeto) at both ends for 16 mm pipes.	
Pipe insulation, per running meter	43	6.286-147.0			For thermal insulation of pipes. Pipe cladding. Wall thicknes 9 mm. PE foam with moisture barrier. Available per running meter.	ss
Adapter piece, galvanised steel	44	2.638-182.0			Alternative: stainless steel 2.638-183	
Quick-release coupling, fixed part	45	6.463-025.0			fixed part	
Union nut, galvanised steel	46	6.386-423.0			Union nut, galvanised steel. For 16 mm compression fitting.	
Cutting ring	47	6.386-357.0			Galvanised steel cutting ring. For 16 mm compression fit- ting.	
High-pressure pipe kit	48	2.420-006.0			High-pressure pipe kit with 3 m stainless pipe Ø 16 x 2 mm ID 12 and mounting accessories: compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	

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Image: Second	
Connector pipe/high-pressure hose, stainless steel492.638-181.0Stainless steelConnector pipe/stop valve, stain- less steel502.638-183.0Stainless steelConnector pipe/stop valve, stain- less steel502.638-183.0ValveShut-off valve, stainless steel514.580-163.0ValveSub-off valve, stainless steel536.386-428.0ValveUnion nut, stainless steel536.386-466.0Stainless steelStainless steel elbow union 90°546.386-466.0Stainless steel elbow union 90° with compression fitting (Ermeto) at both ends for 16 mm pipes.Plant installationValve562.209-788.0ValveWalt bracket552.053-005.0ValveValveSolenoid valve562.209-788.0ValveValveSolenoid valve suction water572.09-805.0Case steelHose track system high-pressure clearerC-rail profile as a guide track. 30x32 mm, 2 mm wall thick ness 1.56 kg/m. Available per running metre.Rail connector596.541-011.0Valve	
hose, stainless steel Image: stainless steel Sol 2.638-183.0 Image: stainless steel Sol 2.638-428.0 Image: stainless steel Sol Sol <th></th>	
Connector pipe/stop valve, stain- less steel 50 2.638-183.0 Image: Steel ste	
Shut-off valve, stainless steel 51 4.580-163.0 Image: constraint of the stainless steel Constraint of the stainless steel S	
Union nut, stainless steel 53 6.386-465.0 Stainless steel Stainless steel elbow union 90° 54 6.386-466.0 Stainless steel elbow union 90° with compression fitting (Ermeto) at both ends for 16 mm pipes. Plant installation Wall bracket 55 2.053-005.0 Wall bracket Water feed solenoid valve 56 2.209-788.0 Stainless steel Solenoid valve suction water 57 2.209-805.0 Mail bracket Hose track system high-pressure cleaners C-rail profile as a guide track. 30x32 mm, 2 mm wall thick ness 1.56 kg/m. Available per running metre. Rail connector 59 6.541-011.0 Mail bracket	
Stainless steel elbow union 90° 54 6.386-466.0 Stainless steel elbow union 90° with compression fitting (Ermeto) at both ends for 16 mm pipes. Plant installation Wall bracket 55 2.053-005.0 Wall bracket Water feed solenoid valve 56 2.209-788.0 Wall bracket Solenoid valve suction water 57 2.209-805.0 C-rail profile as a guide track. 30x32 mm, 2 mm wall thick ness 1.56 kg/m. Available per running metre. Rail connector 59 6.541-011.0 Main C-rail profile as a guide track. 30x32 mm, 2 mm wall thick ness 1.56 kg/m. Available per running metre.	
Plant installation (Ermeto) at both ends for 16 mm pipes. Wall bracket 55 2.053-005.0 Wall bracket Water feed solenoid valve 56 2.209-788.0 Wall bracket Solenoid valve suction water 57 2.209-805.0 Image: Comparison of the comparison	
Wall bracket 55 2.053-005.0 Wall bracket Water feed solenoid valve 56 2.209-788.0 Image: Comparison of the comparison of	
Water feed solenoid valve 56 2.209-788.0 Image: Comparison of the comparison of th	
Solenoid valve suction water 57 2.209-805.0 Image: Constraint of the state	
Hose track system high-pressure cleaners C-rail, per running metre 58 6.233-017.0 C-rail profile as a guide track. 30x32 mm, 2 mm wall thick ness 1.56 kg/m. Available per running metre. Rail connector 59 6.541-011.0 Image: connector state in the	
C-rail, per running metre 58 6.233-017.0 C-rail profile as a guide track. 30x32 mm, 2 mm wall thick ness 1.56 kg/m. Available per running metre. Rail connector 59 6.541-011.0	
Rail connector 59 6.541-011.0 ness 1.56 kg/m. Available per running metre.	
End stop 60 6.541-025.0	
Cable trolley 61 6.541-026.0 Cable trolley for C-rail profile. 20 kg capacity. Weight 0.11 kg. Galvanised steel ball bearing.	
End bracket 62 6.541-028.0	
Handle 63 6.541-029.0 C-rail profile clamp. Galvanised steel. Plastic clamping part Weight 0.06 kg.	
Wall bracket 64 6.541-039.0 Wall holder for galvanised steel C-rail profile.	
Rail holder wall 65 6.541-012.0 Galvanised steel rail bracket for C-rail profile. Weight 0.23 kg.	
Spray lance runner, movable 66 4.042-610.0 moveable	
Swinging boom, column 67 2.637-121.0 Swinging boom, column	1 - 1
Rail holder 68 6.541-027.0	
Stationary high-pressure cleaners	
Hand trigger gun 69 4.775-784.0 Easy Press trigger gun, grey.	





		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6			<u> </u>		1			
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar				The 10 m pipe cleaning hose is a highly flexible high pressu- re hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	C
Pipe cleaning hose, DN 6, 20 m, 220 bar	2	6.110-008.0	250 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).	C
Hose assembly TR pipe cleaning DN6 max.2	3	6.110-047.0	250 bar				The 30 m pipe cleaning hose is a highly flexible high pressu- re hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	C
Hose assembly TR pipe cleaning DN6 14MPa	4	6.110-048.0	140 bar				10 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	C
Pipe cleaning hose	5	6.110-049.0	140 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	C
Pipe cleaning hose, DN 6, 30 m	6	6.110-050.0	140 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	C
Pipe cleaning nozzle								
Dirt blaster pipe cleaning D21/090	7	4.765-003.0		90	21 mm		The forward-tilted rotating pencil jet removes the most	
Dirt blaster pipe cleaning D30/090	8	4.765-010.0		90	30 mm		stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient hand- ling.	C
Nozzle pipe cleaning size 100	9	5.763-088.0		100	24 mm		Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	C

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		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FRV 30								
FRV 30	1	2.111-010.0					Surface cleaner with integrated waste water pick-up	
Hard surface cleaner FR 30								
FR 30 Surface Cleaner	2	2.111-011.0			300 mm		Up to 10 times greater area coverage compared with the conventional high pressure jet.	
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	3	2.111-013.0			300 mm		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	4	2.111-023.0			500 mm		Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas.With double cera- mic bearings, push handle, non-marking swivel castors and detergent dosing system.	
Machine-specific nozzle kit for FR								
Nozzle kit for surface cleaners (type-specific) 1100 - 1300 l/h	5	2.639-188.0	1100-1300 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (1100 to 1300 l/h).]
Nozzle pack for hard surface cleaners (machine-specific) 1300 - 1,800 l/h	6	2.640-781.0	1300-1800 l/h				Machine-specific nozzle kit Kärcher power nozzle for hard surface cleaners	
Machine-specific nozzle kits for FR	v							
Nozzle kit 080 – for FRV	7	2.642-982.0		80			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	1
Hard surface cleaner FRV 30 Me							· · ·	
FRV 30 Me Surface Cleaner	8	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.	S

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		Order Number	Flow rate		Price	Description
Cup foam lance						
Cup foam lance Basic 3	1	4.112-055.0	900-2500 l/h			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.
Cup foam lance Advanced 025	2	2.112-017.0				Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its com- pact design.
Inno Foam Set						
Inno foam kit with detergent injec- tor	3	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	4	2.112-010.0				HP foam system for use with. HD/HDS units for cleaning and [
Easy foam set	5	2.112-011.0				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.
Nozzle kits for Inno/Easy Foam Set						
Nozzle kit 110 Inno/Easy set 1000 - 1300 I/h	6	2.111-020.0	1000-1300 l/h			Nozzle kit 110 contains Kärcher power nozzles and nozzle inserts. For Inn/Easy-Foam set 1000-1300 l/h. For optimal foam system performance.
Foam nozzle mounting kit						
Foam nozzle kit	7	2.112-013.0				Foaming agent kit. The foam nozzle is ideal for use in sani- tary areas and the food industry and wherever long applica- tion times are necessary.

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		Order Number	Length		Price	Description	
Automatic, self-winding hose reels							
Wall-mounted hose reel	1	2.639-257.0	15 m				
Add-on kit hose reel plastics	2	6.392-074.0	20 m			Automatic hose reel for 20 m high-pressure hose. The con- sole is made from powder-coated steel, the drum is made from plastic.	
Add-on kit hose reel	3	6.392-083.0	20 m			Automatic hose reel for 20 m high-pressure hose. The con- sole consists of stainless steel, the drum is made from plas- tic.	
Hose reel, automatic, 20 m, pain- ted	4	6.392-106.0	20 m			Automatic hose reel of durable plastic. Painted steel bracket Suitable for 20 m high-pressure hose.	
Hose reel, automatic, basalt grey- coated	5	6.392-105.0	20 m			Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.	
Hose reel, automatic, 20 m, stain- less steel	6	6.392-076.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
ABS hose reel stainless steel	7	6.392-122.0	20 m			High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	
Swivel holder	8	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.	e. 🗆
ABS wall fastening stainless steel	9	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.	

 \blacksquare Included in delivery. $\hfill\square$ Available accessories. $\hfill\blacksquare$ Extension hose.



		Order Number	Nozzla siza			Price	Description
Wet blasting attachment (without n	077[0]		NUZZIE SIZE			FILE	Description
	iozzie)		1	1		1	
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0					Paint, rust and scale removal made easy: Kärcher wet blas- ting attachment with flow control for adding blasting abrasi- ve to the high-pressure jet.
Wet blasting attachment without	2	4.115-006.0					Paint, rust and scale removal made easy: Kärcher wet blas-
flow control (nozzles not included)							ting attachment with flow control for adding blasting abrasi- ve to the high-pressure jet. Without flow control.
Nozzle pack for wet blasting attach	ment						
Nozzle pack TR wet jet set 0100	3	2.112-030.0	100				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							
Boron carbide nozzle, for machi- nes as of 1000 l/h	4	6.415-083.0	8 mm				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.



		Order Number			Price	Description	
HP stationary attachment kit							
Pressure relief kit	1	2.209-773.0				"Pressure relief" kit for effective system care.	
Water softener dosing unit	2	2.209-777.0				Kit for avoiding limescale deposits in the system.	
Operating hour counter	3	2.209-778.0				"Operating hour counter" kit for documenting device opera- ting time.	
ABS: Remote control preparation, one cleaning agent, low-pressure application, remote control prepa- ration, high-pressure, one cleaning agent	4	2.209-779.0				"Remote control preparation" kit for one cleaning agent for low-pressure application.	
ABS: Remote control preparation, two cleaning agents, low-pressure application	5	2.209-780.0				"Remote control preparation" kit for two cleaning agents for low-pressure application.	



		Order Number		Price	De- scripti- on	
Geka coupling			1	1		
Hose coupling	1	6.388-458.0			with female thread	
Backflow check valve						
Backflow preventer	2	2.641-374.0			To pre- vent deter- genting into the drinking water cycle in case of inlet at low- pressu- re hot water resistant up to 80 °C - tes- ted accor- ding to IEC 60335- 2-79 - integ- rated leakage protec- tion	



	Order Number	Flow rate				Price	Description	
1	4.762-497.0						With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles.	
2	4.113-001.0						Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	
3	4.113-002.0	800-1300 l/h					Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert).	
4	4.113-005.0	800-1300 l/h						
	3	1 4.762-497.0 2 4.113-001.0 3 4.113-002.0	2 4.113-001.0 3 4.113-002.0 800-1300 l/h	1 4.762-497.0 2 4.113-001.0 3 4.113-002.0 800-1300 l/h	1 4.762-497.0 2 4.113-001.0 3 4.113-002.0 800-1300 l/h	1 4.762-497.0 2 4.113-001.0 3 4.113-002.0 800-1300 l/h	1 4.762-497.0	1 4.762-497.0 With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles. 2 4.113-001.0 Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6. 3 4.113-002.0 800-1300 l/h Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to

Included in delivery. \Box Available accessories. \blacktriangle Extension hose.



		Orden Mumber				Drine	Description	
Wash bay equipment		Order Number				Price	Description	L
Swivelling boom 360° for high- pressure tool	1	4.058-106.0					Swivelling boom for HP-working hose (360° turning circle). Mounted above the washing bay.	
Tokens								
Set of tokens, stamping	2	6.768-169.0					Set of tokens, stamped	
Miscellaneous		~						
Swinging boom 180°, wall-moun- ted	3	2.637-120.0						
■ Included in delivery. □ Av	ailable	e accessories.	Extension here	ose.			·	