HD 13/18-4 SXA PLUS

The HD 13/18-4 SXA Plus cold water high-pressure cleaner is made from the finest quality materials for maximum performance. With assistance systems, automatic hose reel and Vibrasoft rotary nozzle.













Order no.

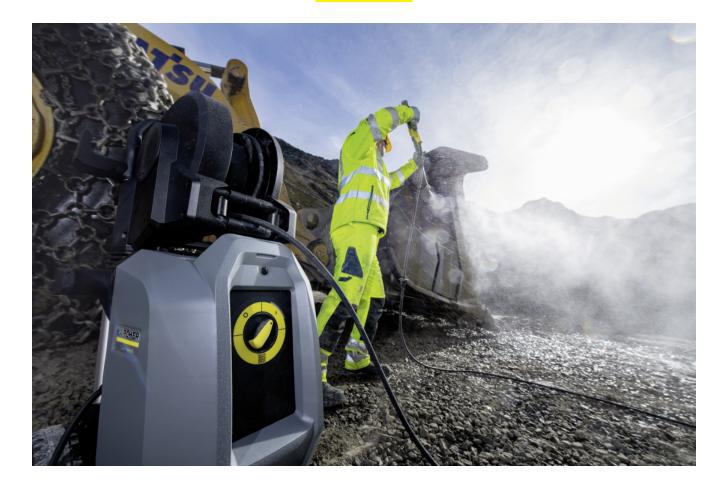
1.286-957.0

- Automatic hose reel including 20 m pressure hose
- Outstanding flushing action
- LED status display

Technical data		
EAN code		4054278904320
Supply voltage	Ph / V / Hz	3 / 376 - 424 / 50
Flow rate	l/h	700 - 1300
Inlet temperature	°C	60
Working pressure	bar	50 - 180
Max. pressure	bar	250
Connected load	kW	8.8
Power cable	m	5
Nozzle size		075
Water inlet		1"
Weight (with accessories)	kg	81.9
Weight incl. packaging	kg	91
Dimensions (L × W × H)	mm	607 × 518 × 1063

Equipment		
Spray gun		EASY!Force Advanced
Spray gun with soft grip padding		•
High-pressure hose	m	20 / Ultima
Spray lance	mm	1050
Power nozzle		
Dirt Blaster		
4-pole, three-phase motor with air and water cooling		•
3-piston axial pump		With stainless steel pistons
Pressure switch-off		
Integrated water fine filter		
High-pressure spray lance		
Electronic motor protection with LED display		-
Oil level indicator		•
Servo control		
Brass water inlet		
Included in the scene of supply		

Included in the scope of supply





Automatic hose reel

- Automatic winding and unwinding up to an angle of 45°, even under pressure.
- Scratch-resistant and smooth Ultra Guard HD hose with Teflon® coating.
- Set-up times up to twice as fast.



Compact upright design concept based on vertical arrangement of motor and pump unit

- Small footprint and space-saving proportions.
- Easy to manoeuvre and transport.
- Maximum stability ensures a stable footing for the machine.



4-pole low-speed motor with air-water cooling system, robust pump with stainless steel pistons and brass cylinder head

- Long service life and low maintenance costs.
- High performance and high efficiency.
- With suction feature and up to 60 °C water temperature.



























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		Order no.	Description	
TRIGGER GUNS				
Spray 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.	t [
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.	
Servo control				
Servo Control, 1100 l/h -	5	4.118-009.0	Water quantity and pressure regulated directly from the hand spray gun.	
SPRAY LANCES		<u> </u>		
Rotating spray lances				
Spray lance, 1050 mm, rotatable	6	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	-
LED nozzle light	7	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	8	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	
Spray lance, 400 mm, rotatable	9	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	
Spray lance, 600 mm, rotatable	10	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	11	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, 1550 mm, rotatable	12	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	13	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	14	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	

lacksquare Included in the scope of supply. \qed Available accessories.

ACCESSORIES FOR HD 13/18-4 SXA PLUS 1.286-957.0























		Order no.	Description
SPRAY LANCES			
Double lance			
Double lance, 960 mm	15	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).
Angular spray lance			
Spray lance for toilets and rain gutters	16	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	17	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	18	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		1	
Gutter cleaning lance	19	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.
Undercarriage spray lance			
Underbody lance	20	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	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. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360°-rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.
ROTARY NOZZLES (DIRT BLASTERS)			
Dirt blaster, large			
Dirt blaster Vibrasoft, 080	22	4.114-068.0	Vibrasoft rotary nozzle with rotating point jet for ten times greater cleaning performance. Durable dirt blaster thanks to ceramic nozzle. Reduces vibrations by up to 30% for maximum ergonomics.
KÄRCHER POWER NOZZLE			
Power nozzle spray angle 15°			
Power nozzle 15°, 075	23	2.113-050.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.
Power nozzle 15°, 080	24	2.113-051.0	
HP nozzle spray angle 0°			
Power nozzle 0°, 080	25	2.113-038.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.
Power nozzle spray angle 40°			
Power nozzle 40°, 080	26	2.113-057.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.
HIGH-PRESSURE HOSES			
Ultra Guard			
High-pressure hose Ultra Guard, 20 m, DN 8, max. 315 bar	27	6.110-083.0	Ultra Guard high-pressure hose with smooth and extremely hard-wearing coating. Robust hose line for maximum service life in the toughest conditions.
Standard with unions on both sides		•	
High-pressure hose, 10 m, DN 10, 220 bar, 2 × EASY!Lock	28	6.110-041.0	Impressive values and basic equipment: 10 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.

 \blacksquare Included in the scope of supply. \square Available accessories.





















		Order no.	Description	
HIGH-PRESSURE HOSES				Ť
Standard with unions on both sides				
High-pressure hose, 10 m, DN 8, 315 bar, 2 × EASY!Lock	29	6.110-031.0	High-pressure hose (DN 8) suitable up to 315 bar pressure. With innovative EASY!Lock manual screw fitting on both sides, ANT!Twist and 10 m long.	
High-pressure hose, 15 m, _ 8, 315 bar	30	6.110-033.0	15 m long high-pressure hose, DN 8, with ANTI!Twist and equipped with time-saving EASY!Lock manual screw fitting on both sides.	
High-pressure hose, 20 m, DN 8, 315 bar, 2 × EASY!Lock	31	6.110-032.0	20 m long high-pressure hose (DN 8) equipped with the time-saving and robust EASY!Lock manual screw fitting on both sides. Approved for pressures up to 315 bar.	
High-pressure hose, 15 m, DN 10, 220 bar, 2 × EASY!Lock	32	6.110-042.0	Equipped with innovative EASY!Lock manual screw fitting and suitable for pressures up to 220 bar: 15 m long high-pressure hose (DN 10).	
High-pressure hose, 20 m, DN 10, 220 bar, 2 × EASY!Lock	33	6.110-043.0	20 m in length and the extremely time-saving and comfortable EASY!Lock manual screw fitting on both sides are some of the main features of this high-pressure hose (DN 10).	
High-pressure hose, 25 m, DN 10, 220 bar, 2 × EASY!Lock	34	6.110-044.0	Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	
High-pressure hose, 40 m, DN 10, 220 bar, 2 × EASY!Lock	35	6.110-045.0	40 m long high-pressure hose with EASY!Lock system for the time-saving manual screw connection (both sides). Nominal size (DN) 10, working pressure up to 220 bar.	
High-pressure hose, 15 m, DN 12, 210 bar, 2 × EASY!Lock	36	6.110-059.0	Designed for working pressures up to 250 bar: High-pressure hose (DN 12) with a length of 15 m. Has the comfortable EASY!Lock manual screw fitting on both sides.	
High-pressure hose, 40 m, DN 12, 210 bar, 2 × EASY!Lock	37	6.110-060.0	With EASY!Lock manual screw fitting and lots of room for manoeuvre thanks to 40 m in length: High-pressure hose (DN 12) with EASY!Lock manual screw fitting on both sides. Suitable for working pressures up to 250 bar.	
Longlife 400	1			
High-pressure hose Longlife, 20 m, DN 8, 400 bar, $1 \times \text{EASY!Lock} / 1 \times \text{AVS-hose}$ reel connection	38	6.110-028.0	20 m high-pressure hose (ID 8), for up to 400 bar pressure. With AVS hose reel connection and double steel reinforcement. EASY!Lock hand screw connection at other end of the hose.	
Longlife food design				Ī
High-pressure hose food grade, 20 m, DN 8, 400 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	39	6.110-075.0		
MULTIPLE-JET NOZZLES				
Angled vario nozzle 0-90°				i
Angled Vario nozzle, 080	40	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.	f
ECO!BOOSTER				Ī
HydroBooster JET TR 080 Professional	41	2.113-089.0		
QUICK CONNECT				
Quick coupling	42	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.	

 $[\]blacksquare$ Included in the scope of supply. \qed Available accessories.



















		Order no.	Description	
QUICK CONNECT				
Male coupling	43	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 \times 1.5 external thread.	
DRUM AND TANK CLEANING				
Add-on kit mud sucker	44	2.641-798.0	For connection to the high-pressure hose of Kärcher high-pressure cleaners: Powerful sludge suction cleaner for the retrofitting of high-pressure cleaners to dirt pumps.	
OTHER HP ACCESSORIES				
Jet gun	45	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.	
NOZZLE UNION / SPACER				
Nozzle union				
Nozzle screws	46	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	47	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, ID 6, 20 m, max. 250 bar	48	6.110-008.0	The 20 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, ID 6, 30 m, max. 250 bar	49	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).	
Pipe cleaning nozzle		<u>'</u>		
Pipe cleaning dirt blaster D21/060	50	4.765-002.0	The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted	
Pipe cleaning dirt blaster D21/090	51	4.765-003.0	jets ensure the necessary forward movement, as well as convenient handling.	
Pipe cleaning dirt blaster D30/060	52	4.765-005.0		
Pipe cleaning dirt blaster D30/090	53	4.765-010.0		
Pipe cleaning nozzle 100	54	5.763-088.0	Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	
Pipe cleaning nozzle	55	5.763-019.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for	
	56	5.763-016.0	environmentally-friendly cleaning of blocked drains and pipes.	

[☐] Available accessories.

























		Order no.	Description	
PIPE CLEANING				
Pipe cleaning nozzle				
Pipe cleaning nozzle	57	5.763-021.0	30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	
Rotating pipe cleaning nozzle	58	6.415-440.0	Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	
FLOOR AND HARD SURFACE CLEANER				
Hard Surface Cleaner FRV 30				
FRV 30 Surface Cleaner	59	2.111-010.0	With the integrated, automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient and can be used in both inside and outside areas. There is no longer a need to rinse the surface after cleaning, since the dirty water can be discharged through the 5 m suction hose supplied. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1000 l/h / 60°C.	
Rubber lip for FRV 30	60	2.642-910.0	For smooth floors indoors. The squeegee increases the suction performance of the FRV 30 and minimises the amount of water remaining. This means the floor is dry in just a few minutes.	
Extension hose 5 m	61	4.440-939.0	5m extension hose for FRV 30. Connection sleeve included.	
Hose fastening attachment kit	62	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.	
Dirt trap attachment kit	63	2.642-532.0	Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	
FR 30 Me surface cleaner				
Hard Surface Cleaner FR 30 Me	64	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				
Surface Cleaner FR 50 Me	65	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.	3
Machine-specific nozzle kits for FR		'		
Nozzle kit for FR, 1100 l/h - 1300 l/h	66	2.639-188.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (1100 to 1300 l/h).	
Machine-specific nozzle kits for FRV				
Nozzle kit for FRV, 080	67	2.642-982.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
FRV 30 Me surface cleaner		•		
FRV 30 Me Surface Cleaner	68	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	69	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	
Surface Cleaner FR 50 Me		•		Ť
FRV 50 Me surface cleaner	70	2.111-024.0	Surface cleaning with automatic suction of the dirty water for very large surfaces – this means the FRV 50 Me. Hot water cleaning up to 85°C. The FRV 50 Me features a temperature-resistant 10 m polyurethane suction hose. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 2000 l/h / 85°C.	[

 $[\]hfill \square$ Available accessories.





























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		Order no.	Description	
FOAM SYSTEMS		Order 110.	Description	_
Cup foam lance				_
Cup foam lance Advanced 3, 900 l/h - 2500 l/h	71	4.112-065.0	Specially designed for use with aggressive cleaning agents: High-quality cup foam lance Advanced 3 with spray angle adjustment and Ecobrass for high-pressure cleaners from Kärcher.	
Cup foam lance DUO Advanced 3, 900 l/h - 2500 l/h	72	4.112-069.0	DUO Advanced 3 cup foam lance, designed for use with aggressive detergents. With instant switching to high-pressure cleaning, spraying angle adjustment and two-litre tank.	
Cup foam lance Basic 3, 900 l/h - 2500 l/h	73	4.112-055.0	High-quality, simple and durable: Basic 3 cup foam lance for high-pressure cleaners with a flow rate of 900-2500 l/h. Halves the cleaning agent consumption while maintaining optimum foam quality.	
1-litre cleaning agent container for cup foam lance basic	74	5.071-414.0	For the quick change of the cleaning agent: Additional 1 litre cleaning agent container for basic foam lance (2.112-053.0, 2.112-054.0 and 2.112-055.0).	
1-litre cleaning agent container for cup foam lance advanced	75	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 Kit	-	'		
Inno Foam Set with detergent injector	76	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	
	77	2.640-151.0	disinfection.	
Easy Foam Set				
Easy Foam Set with RM injector	78	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.	
Nozzle kits for Inno/Easy Foam Set	-	'		
Nozzle kit 110 for Inno / Easy Set for HD 13/18	79	2.111-022.0	Optimal adaptation to different machine outputs for economic use.	
Nozzle kit 110 for Inno / Easy Set 1,000-1,300 l/h	80	2.640-689.0	Nozzle kit 110 contains Kärcher power nozzles and nozzle inserts. For Inn/Easy-Foam set 1000-1300 l/h. For optimal foam system performance.	
Foam nozzle mounting kit				
Foam nozzle attachment kit	81	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				
Cleaning agent injector				
Cleaning agent injector for high pressure (without nozzle)	82	3.637-170.0	Cleaning agent dosage at high pressure 3 - 5 %	
Machine-specific nozzle kit with order no. 4.63	37-03	3.0		
Nozzle kit 1000-1200 l/h	83	4.769-013.0	For HD/HDS 1000 - 1200 l/h. Consists of nozzle insert + HP power nozzle + union	
Nozzle kit 1,000 - 1,200 l/h	84	4.769-048.0		
Available accessories		•		

[☐] Available accessories.





























		Order no.	Description	
MIXERS AND INJECTORS		Order 110.	резстрион	_
Nozzle insert with order no. 4.637-032.0				_
Nozzle insert with order no. 4.637-032.0	85	4.769-002.0	For high pressure with machines above 1.100 l/h	Ir
<u> </u>				4
Nozzle insert from 1,100 l/h - ND	86	4.769-006.0	For low pressure with machines above 1.100 l/h	_[
COUPLING PARTS				
Rotary coupling				
Rotary coupling	87	4.111-021.0	Reliably prevents twisting of HP hoses. Connection Easy!Lock. Handle protection	
Connector				
Screw socket for surface cleaners and Servo Control controllers	88	4.111-022.0	For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) – $1 \times M$ 22 \times 1.5/1 \times M 18 \times 1.5.	
Y distributor	89	4.111-024.0	Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	
Short spray unit	90	4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). No compatible with triple nozzles.	t [
EASY!Lock adapter		<u> </u>		
Adapter 1 M22AG-TR22AG	91	4.111-029.0	Adapter 1 to connect the old hose with the new hose	[
Adapter 2 M22IG-TR22AG	92	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	93	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	
Adapter 4 TR22IG-D11	94	4.111-032.0	Adapter 4 to connect the new gun with the old swivel hose	
Adapter 5 TR22IG-M22AG	95	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	96	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	97	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	[
Adapter 8 TR20IG-M18AG	98	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	[

[☐] Available accessories.

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		Order no.	Description	
COUPLING PARTS				
EASY!Lock adapter				
Adapter hose extension 9 TR	99	4.111-037.0	Adapter 9 to connect the new hose with the new hose	
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 × 1.8 AG	100	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 for wall mo	untin	3		
Automatic plastic hose reel incl. high-pressure hose, 15 m	101	2.639-257.0	Spring-mounted and ready-to-use automatic hose reel for wall mounting. Simplifies handling of the high-pressure hose, shortens set-up times and increases occupational safety.	
Automatic hose reel, powder-coated steel / plastic, 20 m	102	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	103	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.	
Automatic hose reel, coated, 20 m	104	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	105	6.392-105.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. For example: order no. 6.110-011.0 (ID 8, 20 m, 315 bar) or order no. 6.110-028.0 (ID 8, 20 m, 400 bar Longlife).	
Automatic hose reel, stainless steel, includes swivel holder, 20 m	106	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	107	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).	
Zinc-coated swivel holder	108	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	109	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				
Brush hard	110	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	111	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	112	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.	

[☐] Available accessories.





















		Order no.	Description	
FACADE AND SOLAR PANEL CLEANING				
Brushes				
iSolar 800 Advanced (1100-1300 l/h)	113	6.368-095.0	For water flow rates of 1,100-1,300 l/h: The 800-mm iSolar water-driven brush head with two contra-rotating disc brushes and flexible angle joint ensures that photovoltaic systems are given an even clean.	n
iSolar 400 Advanced	114	6.368-093.0	The iSolar 400 water-driven disc brush (working width 400 mm) is designed for water flow rates of 1,100-1,300 l/h. For small to medium-sized photovoltaic systems (including elevated systems).	f [
Telescopic lances				
TL low pressure adapter	115	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	116	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	117	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	118	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	119	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	120	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	121	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.	
Water softening				
WS 50	122	6.368-463.0	The mobile WS 50 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water.	
WS 100	123	6.368-464.0	The mobile WS 100 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water.	
WS Regenerator	124	6.368-465.0	With the WS Regenerator regeneration system, the softening cartridges of the water softening units WS 50 and WS 100 can be backflushed and regenerated at the push of a button.	s [
Hoses				Ė
iSolar HP hose 7	125	6.392-978.0	High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	
iSolar HP hose 10	126	6.392-977.0	High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	

 $[\]hfill \square$ Available accessories.



























		Order no.	Description			
FACADE AND SOLAR PANEL CLEANING						
Hoses						
iSolar HP hose 14	127	6.392-976.0	High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.			
Attachment kits and adapters						
iSolar fall protection	128	6.988-152.0	Certified personal security system for rooftop work. Contents: Travelling fall arrestor with shock absorber and 15 m kernmantle rope, harness, anchoring sling and sheet steel case.	[
WET BLASTING ATTACHMENT						
Nozzle kits for wet jet unit						
Nozzle kit for 080 wet jet unit	129	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.			
Boron carbide nozzle						
Boron carbide, for machines from 1,000 l/h	130	6.415-083.0	In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.			
DRUM AND TANK CLEANING						
Barrel and tank cleaning						
Barrel cleaner BC 14/12	131	2.112-020.0	The BC 14/12 barrel cleaner is a spray unit for the interior cleaning of containers and barrels – especially oak barrels with a capacity of between 225 and 600 litres.			
HKF 50 spray head, brass						
HKF 50 M spray head	132	3.631-039.0	Constant rotational speed and lightweight design: The compact interior cleaning head for cleaning vats and tanks with openings of 50 mm or wider.			
Nozzle kit for spray head HKF 50 (3.631-009.	0 / 3.63	31-039.0)				
Nozzle 045 for 2-nozzle operation HKF 50	133	6.415-446.0	Nozzle for dual-nozzle operation			
High-pressure full jet nozzle 090 for interior cleaning heads	134	6.415-447.0	High-pressure full jet nozzle 090 for interior cleaning heads with a spray angle of 0°, made of hardened stainless steel and with 1/8-inch thread.			
Double grip for precise control of spray head	135	2.863-036.0	Double handle. Precise control of the spray head	Γ		
1/8" screw plug for interior cleaning heads	136	5.411-061.0	Screw plug for high-pressure interior cleaning heads with 1/8-inch thread.			
WATER CONNECTION				t		
Geka coupling						
Geka connector with hose barb, R 3/4"	137	6.388-455.0	with hose liner			
Geka connector with hose barb, R 1"	138	6.388-465.0	with hose barb			
Geka connector with internal thread, R 1"	139	6.388-458.0	with female thread			
Suction filter		-		+		
Water suction filter	140	6.414-956.0	Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µn mesh. R 3/4" and R 1" connection, without non-return valve	n [

[☐] Available accessories.

















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		Order no.	Description	
WATER CONNECTION				_
Suction filter				
Suction filter with check valve	141	4.730-012.0	Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Water fine filter	-	'		
Universal water fine filter, 25 µm	142	2.637-020.0	Water fine filter, mesh size 25 µm, max. temperature 50 °C. Protects the machine from small dirt particles in the water. Water volume up to 1200 l/h. 3/4" connection, with 1" adapter.	
Water fine filter, with adapter	143	4.730-102.0	Fine-mesh water filter, $125 \mu m$, max. temperature 50° C. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to $1200 l/h$. Connection $3/4^{\circ}$, with adapter 1° .	-,
Water fine filter, 100 μm , R 1"	144	2.638-270.0	Fine-mesh water filter, $100 \mu m$, max. temperature 60° C. Connects to high-pressure cleaner. Protect the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to $1200 l/h$. Connector 1".	s 🗆
Water supply hose	•	•		
Water supply hose	145	4.440-207.0	NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
	146	4.440-270.0	NW 19 R1" / R1", up to 85 °C	
WASHING BRUSHES				T
Push-on washing brush				
Push-on wash brush	147	4.113-001.0	For universal use for surface cleaning. Mounted using clamp directly at the spray lance. TR thread connection	
Rotating washing brush				
Rotating wash brush for > 1000 l/h machines, nylon bristles	148	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).	
Rotating wash brush for > 800 l/h machines, natural bristles	149	4.113-005.0		

 $[\]hfill \square$ Available accessories.