HDS 5/11 U

Entry-level, highly portable hot water pressure washer













Order no.

1.064-902.0

- Professional entry-level model for mobile applications
- Space-saving upright design
- Flue gas temperature monitor

Technical data		
EAN code		4054278139777
Current type	Ph / V / Hz	1 / 230 - 240 / 50
Flow Rate	l/h	450
Operating pressure	bar / MPa	110 / 11
Temperature	°C	max. 80
Power rating	kW	2.2
Consumption fuel oil	kg/h	2.4
Fuel tank	1	6.5
Colour		anthracite
Weight (with accessories)	kg	65.4
Weight incl. packaging	kg	73.6
Dimensions (L × W × H)	mm	618 × 618 × 994

Equipment		
Trigger gun		EASY!Force Advanced
High-pressure hose length	m	10
Spray lance	mm	840
Pressure switch control		
Included in delivery.		





Innovative upright design

- Effortless transport over landings or stairs.
- Large wheels for unpaved surfaces.



Fine-mesh water filter

- Efficiently protects high-pressure pump against contamination.
- Easy to remove from outside.



Compact design

- Space-saving storage and transport.
- Spill-proof pump and fuel tank for transport lying down.
- Ideal for small service vehicles.



























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		Order no.	Description	
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.	ľ
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.	
SPRAY LANCES				
Rotating spray lances				
Spray lance, 840 mm, rotatable	5	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	•
LED nozzle light	6	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	7	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	
Spray lance, 400 mm, rotatable	8	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	Г
Spray lance, 600 mm, rotatable	9	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, 1050 mm, rotatable	10	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance, 1550 mm, rotatable	11	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	12	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	13	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	Ε
Double lance				Ė
Double lance, 960 mm	14	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).	

 $[\]blacksquare$ Included in delivery. \qed Available accessories.

EQUIPMENT FOR HDS 5/11 U 1.064-902.0























		Order no.	Description	
SPRAY LANCES		Order 110.	Description	_
Angular spray lance				_
WC and gutter lance	15	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	16	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	17	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	18	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	19	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	20	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.	
PowerControl spray lance				
PowerControl spray lance 034	21	4.112-045.0	Infinitely variable pressure adjustment during operation directly in the operator's gripping area, especially for machines without servo control function. The cleaning performance can be adapted to the respective task in an instant. The low pressure mode for the application of the cleaning agen and the adjustment of the jet level round off the product.	t
MULTIPLE-JET NOZZLES				T
Triple nozzles				
Triple nozzle, 035	22	4.117-030.0	Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For machines with an injector, the low-pressure flat stream is useful for cleaning agent suction and application.	ı
HIGH-PRESSURE HOSES				
Standard with unions on both sides		,		
High-pressure hose, 10 m, ID 6, 250 bar, 2 × EASY!Lock	23	6.110-034.0	10 m high-pressure hose (M 22×1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN $6/155^{\circ}$ C/250 bar.	
High-pressure hose, 10 m, ID 10, 220 bar, 2 × EASY!Lock	24	6.110-041.0		[
High-pressure hose, 10 m, ID 6, 250 bar, 2 × EASY!Lock	25	6.110-035.0	10 m high-pressure hose (M 22×1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN $6/155^{\circ}$ C/250 bar.	[
High-pressure hose, 10 m, ID 6, 300 bar, 2 × EASY!Lock	26	6.110-056.0	With patented AVS connection in the trigger gun (pivot-mounted) and hand screw union. M 22 \times 1.5 with anti-kink protection. NW 6/155 $^{\circ}$ C/300 bar	j [
High-pressure hose, 10 m, ID 8, 315 bar, 2 × EASY!Lock	27	6.110-031.0	10 m high-pressure hose (M 22×1.5) with kink protection. With patented rotating TR22 trigger gur connector and manual coupling. Further data: DN $8/155^{\circ}$ C/315 bar.	1 [
High-pressure hose, 15 m, ID 8, 315 bar, 2 × EASY!Lock	28	6.110-030.0	15 m high-pressure hose (M 22 × 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	[

 \blacksquare Included in delivery. \qed Available accessories.





















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		Order no.	Description	
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 20 m, ID 8, 315 bar, 2 × EASY!Lock	29	6.110-032.0	20 m high-pressure hose (M 22×1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN $8/155^{\circ}$ C/315 bar.	
High-pressure hose, 30 m, ID 8, 315 bar, 2 × EASY!Lock	30	6.110-014.0	With rotary coupling, 2 × M 22 × 1.5	
High-pressure hose, 15 m, ID 10, 220 bar, 2 × EASY!Lock	31	6.110-042.0	15 m high-pressure hose M 22×1.5) with kink protection and threaded couplings at both ends. Further data: DN $10/155^{\circ}$ C/220 bar.	
High-pressure hose, 20 m, ID 10, 220 bar, 2 × EASY!Lock	32	6.110-043.0	with union on both sides, M 22 × 1.5 with anti-kink protection. NW 10/155°C/220 bar	
High-pressure hose, 25 m, ID 10, 220 bar, 2 × EASY!Lock	33	6.110-044.0		
High-pressure hose, 40 m, ID 10, 220 bar, 2 × EASY!Lock	34	6.110-045.0		
High-pressure hose, 15 m, ID 12, 210 bar, 2 × EASY!Lock	35	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	36	6.110-060.0		
Longlife 400 with unions on both sides				
High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, 1 \times EASY!Lock / 1 \times M22 \times 1.5	37	6.110-069.0	High-pressure hose (ID 8) with double steel reinforcement, 1.5 m long, suitable for up to 400 bar pressure. Connectors: M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.	
High-pressure hose Longlife, 30 m, ID 8, 400 bar, 2 × EASY!Lock	38	6.110-023.0	With rotary coupling, 2 × M 22 × 1.5	
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	39	6.110-027.0	with rotary coupling, 2 × M 22 × 1.5	
High-pressure hose Longlife, 15 m, ID 8, 400 bar, 2 × EASY!Lock	40	6.110-029.0	With rotary coupling, 2 × M 22 × 1.5	
Food industry version with unions on both sid	es			
High-pressure hose food grade, 10 m, ID 8, 250 bar, 2 × EASY!Lock	41	6.110-051.0	10 m high-pressure hose (DN 8) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. M 22×1.5 with anti-kink sleeve.	
High-pressure hose food grade, 20 m, ID 8, 250 bar, 2 × EASY!Lock	42	6.110-052.0	20 m high-pressure hose (DN 8) with swivel coupling. Non-discolouring outer layer for use in the food industry. Connectors at both ends, M 22×1.5 , with kink protection. NW $8/155^{\circ}$ C/250 bar.	

 $[\]blacksquare$ Included in delivery. \qed Available accessories.

KÄRCHER























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		Order no.	Description	
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster, large, 035	43	4.114-040.0	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.	ie [
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 15°				
Power nozzle 15°, 033	44	2.113-002.0	Flat jet nozzle for stubborn dirt.	
Power nozzie spray angle 25°		•		
Chemical nozzle , 250	45	2.113-020.0	Brass power nozzle for low-pressure operation and cleaning agent suction.	
ECO!BOOSTER				
eco!Booster TR 036	46	2.113-083.0	ecolBooster with 50% higher area performance than the Kärcher power nozzle; ideal for delicate surfaces. For cold and hot water high-pressure cleaners (nozzle size 036).	
QUICK CONNECT				
Quick-fitting pipe union coupler trapezo	47	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 \times 1.5 internal thread.	
Quick-fitting pipe union plug nipple tra	48	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22×1.5 external thread.	
DRUM AND TANK CLEANING				
Add-on kit mud sucker	49	2.641-798.0		
OTHER HP ACCESSORIES				
Jet gun	50	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.] t
DICHTUNGEN FÜR TR-GEWINDE				
Spare part set seals TR	51	2.880-001.0		
STEAM NOZZLE / NOZZLE PROTECTOR / ROLLO	VER N	OZZLE		Ė
Rollover nozzle holder				
Ball Nozzle Holder	52	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).	
NOZZLE UNION / SPACER				
Nozzle union				
Nozzle screws	53	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Hose assembly TR pipe cleaning DN6 max.2	54	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	55	6.110-008.0	20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R $1/8$ nozzle).	
Hose assembly TR pipe cleaning DN6 max.2	56	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).	Γ

 $[\]hfill\square$ Available accessories.





























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		Order no.	Description	
PIPE CLEANING				
Pipe cleaning nozzle	1	1		1.
Dirt blaster pipe cleaning D21/040	57	4.765-001.0	The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.	[
Dirt blaster pipe cleaning D30/040	58	4.765-004.0		[
Nozzle pipe cleaning size 120	59	5.763-089.0	Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	[
Pipe cleaning nozzle	60	5.763-015.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for	
	61	5.763-016.0	environmentally-friendly cleaning of blocked drains and pipes.	
	62	5.763-017.0	30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	[
Rotating pipe cleaning nozzle	63	6.415-428.0	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				
Add-on kit hose attachment	64	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.	
Add-on kit dirt trap	65	2.642-532.0	Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	[
Hard surface cleaner FR 30 ME				
FR 30 ME surface cleaner	66	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.	[
Machine-specific nozzle kit for FR	•			
Nozzle kit for FR, 450 l/h - 500 l/h	67	2.640-482.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (450 to 500 l/h).	[
Hard surface cleaner FRV 30 Me	•			
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.	[
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Advanced 1, 400 l/h - 600 l/h	70	4.112-063.0		[
Available acceptation				

[☐] Available accessories.



























		Order no.	Description	
FOAM SYSTEMS		<u> </u>		Ť
Cup foam lance				
Cup foam lance DUO Advanced 1, 400 l/h - 600 l/h	71	4.112-067.0		
Cup foam lance Basic 1, 350 l/h - 600 l/h	72	4.112-053.0	For high-pressure cleaners with a flow rate of 350-600 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	73	5.071-414.0		
1-litre cleaning agent container for cup foam lance advanced	74	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).	
Foam nozzle mounting kit				
Foam nozzle kit	75	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)	76	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	
Detergent injector for high pressure	77	4.637-033.0	Cleaning agent dosage at high pressure 3 - 5 %	
Machine-specific nozzle kit with order no. 3.63	37-170)		
Nozzle insert trapezoidal thread HDS-GER	78	4.769-009.0	For HDS 500 - 700 l/h. Consists of nozzle insert + HP power nozzle + union	
Nozzle insert with order no. 3.637-001				
Nozzle insert for Order No. 3.637-001, high-pressure for machines up to 1100 l/h.	79	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	80	4.769-001.0	For low pressure with machines up to 1.100 l/h	
COUPLING PARTS		<u> </u>		T
Rotary coupling				
Rotary coupling	81	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.	
Connector		•		
Nozzle connector/screw connector	82	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: $1\times M$ 22×1.5 and $1\times M$ 18×1.5 .	
Y distributor	83	4.111-024.0	Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	
Short spray unit	84	4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). No compatible with triple nozzles.	ot [

[☐] Available accessories.































		Order no.	Description	
COUPLING PARTS		order no.	DESCRIPTION .	_
Adapter EASY!Lock				
Adapter 1 M22AG-TR22AG	85	4.111-029.0	Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	86	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	87	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	
Adapter M22 - Swivel	88	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	89	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	90	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	91	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	
Adapter 8 TR20IG-M18AG	92	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	
Coupler -2xM22x1,5	93	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	94	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 $\ensuremath{\mathrm{m}}$	95	2.639-257.0		
Automatic hose reel, powder-coated steel / plastic, 20 m	96	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	97	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	98	6.392-106.0	Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	. 🗆

 $[\]hfill \square$ Available accessories.





























		Order no.	Description	
HOSE REELS				
Automatic, self-winding hose reels				
Hose reel, automatic, basalt grey-coated, 20 m	99	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	100	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	101	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	102	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	103	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				Ė
Brushes				
Drive for roller brush 500	104	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	105	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	106	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	107	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	108	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	109	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	110	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	111	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.	[
Telescopic		·		Ť
TL low pressure adapter	112	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.	

 $^{\ \}square$ Available accessories.



















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		Order no.	Description	
FACADE AND SOLAR PANEL CLEANING				
Telescopic				
Telescopic lance TL 7 F	113	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	114	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	115	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	116	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	117	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	118	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)	119	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)	120	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.	
Boron carbide nozzle				
Boron carbide nozzle, for machines as of 1000 $\mbox{l/h}$	121	6.415-084.0	In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	
WATER CONNECTION				
Geka coupling				
With hose nozzle, R 1/2"	122	6.388-461.0	with hose liner	
With hose nozzle, R 3/4"	123	6.388-455.0		
With hose nozzle, R 1"	124	6.388-465.0	with hose barb	
Suction filter				
Water filter	125	6.414-956.0	Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 μ m mesh, R 3/4" and R 1" connection, without non-return valve	
Suction filter with check valve	126	4.730-012.0	Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	

[☐] Available accessories.

















		Order no.	Description	
WATER CONNECTION				
Fine-mesh water filter				
Add-on kit water filter universal	127	2.637-020.0		
Fine-mesh water filter with adapter	128	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 I/h . Connection $3/4^{\circ}$, with adapter 1° .	,
Water supply hose				
Water supply hose	129	4.440-038.0	NW 13 R1" / R 3/4", up to 30 °C	
	130	4.440-207.0	NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
WASHING BRUSHES				
Push-on washing brush				
Push-on wash brush, M 18×1.5	131	4.113-001.0	Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 × 1.6.	
Push-on washing brush	132	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				
Rotating wash brush for < 800 l/h machines, nylon bristles	133	4.113-004.0	The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 60° C. (M 18×1.5 , replaceable brush insert).	
Rotating wash brush for < 800 l/h machines, natural bristles	134	4.113-003.0	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).	

 $[\]hfill \square$ Available accessories.