



HDS 5/11 U

The HDS 5/11 U hot water high-pressure cleaner is an affordably priced entry-level model with an innovative upright design for outstanding mobility and ergonomics.

















- 1 Innovative upright design
- Effortless transport over landings or stairs.
- Large wheels for unpaved surfaces.
- 2 Water fine filter
- Efficiently protects high-pressure pump against contamination.
- Easy to remove from outside.

- 3 Compact design
- Space-saving storage and transport
- $\hfill \blacksquare$ Spill-proof pump and fuel tank for flat transport.
- 4 Save time and effort: EASY!Force high-pressure gun and EASY!Lock quick-release couplings.
- Effortless operation at last: the EASY!Force high-pressure gun.
- EASY!Lock quick-release couplings: durable and robust. And five times faster than screws.

TECHNICAL DATA AND EQUIPMENT





HDS 5/11 U

- Mobile entry-level model
- Space-saving upright designExhaust temperature monitoring

Technical data		
Order no.		1.064-900.0
EAN code		4054278139753
Current type	Ph / V / Hz	1 / 230 / 50
Flow rate	l/h	450
Pressure	bar / MPa	110 / 11
Max. temperature	°C	80
Connection load	kW	2.2
Heating oil or gas consumption, full load	kg/h	2.4
Fuel tank	1	6.5
Weight	kg	61.4
Dimensions (L × W × H)	mm	618 × 618 × 994

Equipment		
		5.6005
Spray gun		EASY!Force Advanced
High-pressure hose	m	10
Spray lance	mm	840
ANTI!Twist		-
Pressure cut-off		I .
Servo Control		-

■ Included in delivery.

























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		Order no.	ID	Max. working	Length	Price	Description
		Graci iio.	1.5	pressore	-ciigtii	11100	Description
Standard with unions on both sides	1						
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 10 m, ANTI!Twist	1		ID 8	315 bar	10 m		High-pressure hose (ID 8) suitable for up to 315 bar pressure. High-pressure hose with innovative EASY!Lock hand screw connection at both ends, ANT!!Twist, 10 m long.
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 15 m, ANTI!Twist	2	6.110-030.0	ID 8	315 bar	15 m		15 m long high-pressure hose, ID 8, with ANTI!Twist at both ends with time-saving EASY!Lock hand screw connection.
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 20 m, ANTI!Twist	3	6.110-032.0	ID 8	315 bar	20 m		High-pressure hose (ID 8), 20 m long, with time-saving and robust EASY!Lock hand screw connection at both ends. For
DIN 6, 313 Ddl, 20 III, ANTI! I WISL							up to 315 bar pressure.
High-pressure hose, 2 x EASY!Lock, DN 8, 315 bar, 30 m, ANTI!Twist	4	6.110-014.0	ID 8	315 bar	30 m		Convenient length (30 m) and innovative EASY!Lock hand screw connection: high-pressure hose (ID 8) with ANTI!Twist for up to 315 bar pressure.
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 15 m	5	6.110-042.0	ID 10	220 bar	15 m		With innovative EASY!Lock hand screw connection for up to 220 bar pressure: 15 m long high-pressure hose (ID 10).
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 20 m	6	6.110-043.0	ID 10	220 bar	20 m		Main features of this high-pressure hose (ID 10): 20 m long with extremely time-saving and convenient EASY!Lock hand screw connection at both ends.
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 25 m	7	6.110-044.0	ID 10	220 bar	25 m		Impressive values and basic equipment: high-pressure hose, (ID 10), 25 m long, for up to 220 bar pressure.
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 40 m	8	6.110-045.0	ID 10	220 bar	40 m		40 m long high-pressure hose with EASY!Lock system for time-saving hand screw connection (at both ends). (ID) 10, up to 220 bar working pressure.
High-pressure hose, 2 x EASY!Lock, DN 12, 210 bar, 15 m	9	6.110-059.0	ID 12	210 bar	15 m		Suitable for up to 250 bar working pressure: high-pressure hose (ID 12), 15 m long, with convenient EASY!Lock hand screw connection at both ends.
High-pressure hose, 2 x EASY!Lock, 2x EASY!Lock, DN 12, 210 bar, 40 m	10	6.110-060.0	ID 12	210 bar	40 m		With EASY!Lock hand screw connection, 40 m long for wide working radius: high-pressure hose (ID 12) with EASY!Lock hand screw connection at both ends. Suitable for up to 250 bar working pressure.
High-pressure hose, 2 x EASY!Lock, DN 6, 250 bar, 10 m	11	6.110-034.0	ID 6	250 bar	10 m		High-pressure hose, 10 m long with EASY!Lock hand screw connection at both ends. ID 6, suitable for up to 250 bar.
High-pressure hose 2 x EASY!Lock DN 6, 250 bar, 10 m, ANTI!Twist	12	6.110-035.0	ID 6	250 bar	10 m		High-pressure hose with EASY!Lock hand screw connection at both ends (ID 6), 10 m long. Suitable for up to 250 bar pressure with ANTI!Twist.
High-pressure hose 2 x EASY!Lock DN 6, 300 bar, 10 m, ANTI!Twist	13	6.110-056.0	ID 6	300 bar	10 m		High-pressure hose (ID 6) with ANT!!Twist and new EASY!Lock hand screw connection at both ends. For up to 300 bar pressure. 10 m long.
Longlife 400 with unions on both s	ides						
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 30 m, ANTI!Twist	14	6.110-023.0	ID 8	400 bar	30 m		Durable high-pressure hose with double steel reinforcement, ANT!!Twist and EASY!Lock hand screw connection at both ends. ID 8, 30 m long, for up to 400 bar pressure.
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 20 m, ANTI!Twist	15	6.110-027.0	ID 8	400 bar	20 m		High-pressure hose with ANT!!Twist, EASY!Lock hand screw connections and double steel reinforcement. 20 m long, ID 8, EASY!Lock hand screw connection at both ends.
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 15 m, ANTI!Twist	16	6.110-029.0	ID 8	400 bar	15 m		The double steel reinforcement ensures a long lifetime of this 15 m long high-pressure hose (ID 8), approved for up to 400 bar pressure hose.
Longlife 400 high-pressure hose, 1 x EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	17	6.110-069.0	ID 8	400 bar	1.5 m		High-pressure hose (ID 8) with double steel reinforcement, 30 m long, suitable for up to 400 bar pressure. Connectors: M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.

[■] Included in delivery.

Available accessories.

Extension hose.









		Order no.	ID	Max. working pressure	Length	Price	Description	
Food industry version with unions High-pressure hose, food grade, 2 x EASY!Lock, DN 8, 10 m, AN- T!!Twist		th sides 6.110-051.0	ID 8	250 bar	10 m		High-pressure hose (ID 6), 10 m long, with grey, non-marking outer covering. Approved for use in the food industry. With quick and robust EASY!Lock hand screw connection at both ends.	•
High-pressure hose, food grade, 2 x EASY!Lock, DN 8, 20 m, AN- T!!Twist	19	6.110-052.0	ID 8	250 bar	20 m		Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, AN-T!!Twist and EASY!Lock hand screw connections.	•
Special hoses High-pressure hose, 1 x curved EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	20	6.110-068.0	ID 8	400 bar	1.5 m		For connection to hose reels: high-pressure hose, with M 22 × 1.5 connection and curved EASY!Lock hand screw connection. 1.5 m long, suitable for up to 400 bar working pressure.	

[■] Included in delivery.

Available accessories.

Extension hose.









		Order no.	Flow rate		Price	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.
Quick connect						
Quick coupling	2	2.115-000.0				For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.
Male coupling	3	2.115-001.0				Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.

[■] Included in delivery.

Available accessories.

Extension hose.







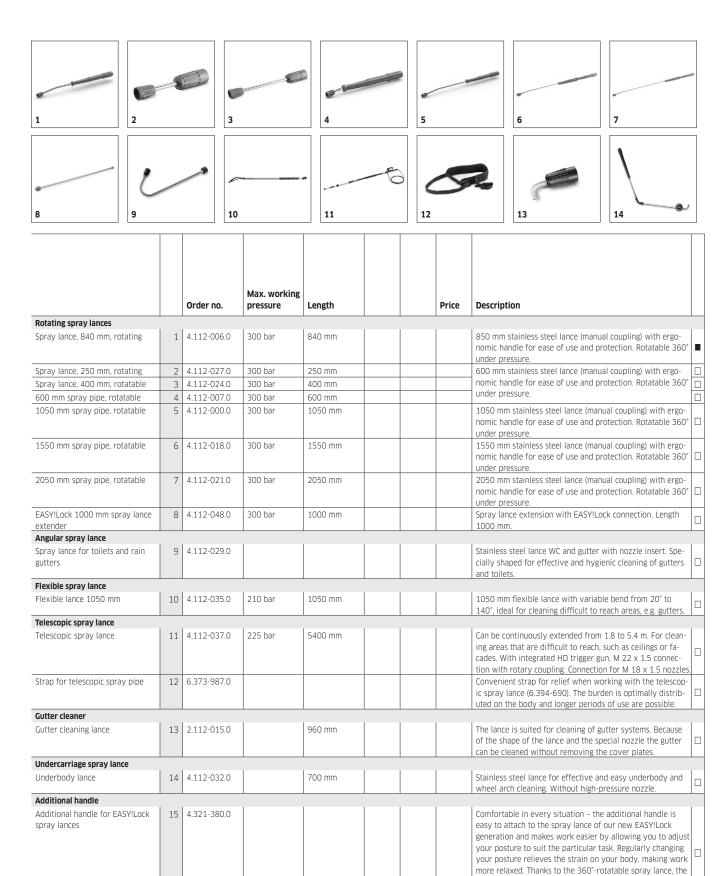
Triple possiles		Order no.	Max. working pressure	Nozzle size		Price	Description	
Triple nozzles Triple nozzle	1	4.117-027.0	300 bar	32			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For machines with an injector, the low-pressure flat stream is useful for cleaning agent suction and application. Connection M 18 x 1.5.	•
Dirt blaster, large Dirt blaster, large	2	4.114-040.0	300 bar	35			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.	

[■] Included in delivery.

Available accessories.

Extension hose.





[■] Included in delivery.

additional handle can simply be fully rotated whilst working

for greater flexibility.

[☐] Available accessories.





		Order no.	Max. working pressure	Length		Price	Description	
PowerControl spray lance PowerControl spray lance 034	16	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 agent and the adjustment of the jet level round off the product.	

[■] Included in delivery.

Available accessories.

Extension hose.





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		Order no.			Price	Description	
Y distributor							
Y distributor	1	4.111-024.0					

















		Order no.	Flow rate	Nozzle size	Diame- ter	P	Price	Description	
Hard Surface Cleaner FRV 30		1	,						
Hose fastening attachment kit	1	2.642-528.0						Suction cup for fixing the suction hose to smooth surfaces.	
Dirt trap attachment kit	2	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	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.	
Machine-specific nozzle kits for FR									
Nozzle kit for surface cleaners	4	2.640-482.0	450-500 l/h					Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (450 to 500 l/h).	
Machine-specific nozzle kits for FR	V								
Nozzle kit 035 - for FRV	5	2.642-430.0		35				Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
FRV 30 Me surface cleaner									
Extension hose FRV 30 Me and FRV 50 Me	6	4.441-040.0						5 m extension hose for FRV 30 Me. Includes connecting adapter.	
FRV 30 Me Surface Cleaner	7	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.	

[■] Included in delivery.

Available accessories.

Extension hose.































		Order no.		Price	Description	
Nozzle union		· · · · · ·				
Nozzle screws	1	4.112-011.0			Nozzle screws with protectors for high-pressure and power nozzles	
Rotary coupling						
Rotary coupling	2	4.111-021.0			Reliably prevents twisting of HP hoses. Connection M 22 x 1.5 m. Handle protection	
Coupling						
Adapter hose extension 9 TR	3	4.111-037.0			Adapter 9 to connect the new hose with the new hose	
Connector						
Screw socket for surface cleaners and Servo Control controllers	4	4.111-022.0			For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) - 1 x M 22 x 1.5/1 x M 18 x 1.5.	
Short spray unit	5	4.111-038.0			For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	
EASY!Lock adapter					anpie nozzies.	t
Adapter 1 M22AG-TR22AG	6	4.111-029.0			Adapter 1 to connect the old hose with the new hose	Īг
Adapter 2 M22IG-TR22AG	7	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	8	4.111-031.0			Adapter 3 to connect the old gun with the new spray lance and new servo regulator	
Adapter 4 TR22IG-D11	9	4.111-032.0			Adapter 4 to connect the new gun with the old swivel hose	
Adapter 5 TR22IG-M22AG	10	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	11	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	12	4.111-035.0			Adapter 7 to connect the old spray lance with the new nozzle	
Adapter 8 TR20IG-M18AG	13	4.111-036.0			Adapter 8 to connect the new spray lance with the old nozzle	
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 x 1.8 AG	14	4.111-046.0				
Flue pipe	1 4-	4.656-149.0			This are adopted with design damped for flue pine connec	L
Flue gas adapter	15 16	4.656-080.0			Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).	
Cleaning agent injector					1 - 2	Н
Cleaning agent injector for high and low pressure (without nozzles)	17	4.637-032.0			Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	
Cleaning agent injector for high pressure (without nozzle)	18	4.637-033.0			Cleaning agent dosage at high pressure 3 - 5 %	Г
Machine-specific nozzle kit with or	der no	. 4.637-033.0				
Nozzle kit 500-700 l/h	19	4.769-009.0			For HDS 500 - 700 l/h. Consists of nozzle insert + HP power nozzle + union	
Nozzle insert with order no. 4.637-	032.0					
Nozzle insert up to 1,100 l/h - high pressure	20	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.	
Nozzle insert up to 1,100 l/h - low pressure	21	4.769-001.0			For low pressure with machines up to 1.100 l/h	
			 			_

[■] Included in delivery.

Available accessories.

Extension hose.





		Order no.	Nozzle size				Price	Description
HP nozzle spray angle 0°			•	<u> </u>	'	'		
High-pressure nozzle spray angle °0	1	2.113-001.0	40					High-pressure nozzle with powerful jet for extremely stubborn dirt.
Power nozzle spray angle 15°								
Power nozzle spray angle 15°	2	2.113-002.0	33					Flat jet nozzle for stubborn dirt.
Power nozzle spray angle 25°								
Power nozzle spray angle 25°	3	2.113-063.0	33					Fan jet nozzle for large-area coverage and stubborn dirt and stains.
25° power nozzle for cleaning agent suction	4	2.113-020.0	250					Brass power nozzle for low-pressure operation and cleaning agent suction.
Power nozzle spray angle 40°								
Power nozzle spray angle 40°	5	2.113-003.0	40					Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

[■] Included in delivery.

Available accessories.

Extension hose.







		Order no.	Nozzle size				Price	Description	
Wet blasting attachment (without r	ozzle)		•	-	'	'			
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0						Paint, rust and scale removal made easy: Kärcher wet blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet.	
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0						Paint, rust and scale removal made easy: Kärcher wet blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet. Without flow control.	
Nozzle kits for wet jet unit									
Nozzle kit for wet jet unit 035	3	2.112-021.0	35					Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment performance. Only in combination with wet blasting attachment 4.115-000.0 4.115-006.0.	
Boron carbide nozzle									
Boron carbide nozzle, for ma- chines up to 1,000 l/h	4	6.415-084.0	6 mm					In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	

[■] Included in delivery.

Available accessories.

Extension hose.















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		Order no.	Max. working pressure	Nozzle size	Diame- ter	Price	Description
Pipe cleaning hose, ID 6							
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	1	6.110-046.0	250 bar				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	2	6.110-008.0	250 bar				The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for Dozzle R 1/8).
Pipe cleaning hose, ID 6, 30 m, max. 250 bar	3	6.110-047.0	250 bar				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							
Pipe cleaning dirt blaster D 25 / 040	4	6.415-944.0		40	25 mm		The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the
Pipe cleaning dirt blaster D 30 / 040	5	6.415-946.0		40	30 mm		necessary forward movement, as well as convenient handling.
Pipe cleaning dirt blaster D 35 / 040	6	6.415-948.0		40	35 mm		
Pipe cleaning nozzle 120	7	5.763-089.0		120	16 mm		Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.
Pipe cleaning nozzle	8	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet
	9	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.
	10	5.763-017.0		50	30 mm		Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R 1/8" connection, 3 x 30° backwards, diameter 30 mm.)
Rotating pipe cleaning nozzle	11	6.415-428.0		50	16 mm		Pipe cleaning nozzle with four rotating jets and inner thread. Different spray directions. The hose moves freely through the pipe. With R 1/8" connection.

[■] Included in delivery.

Available accessories.

Extension hose.











		Order no.	Flow rate			Price	Description
Cup foam lance			•	•	'		
Cup foam lance Basic 1	1	4.112-053.0	350-600 l/h				For high-pressure cleaners with a flow rate of 350-600 l/h: new, robust and very high-quality Basic 1 cup foam lance with outstanding foam quality while consuming half as much cleaning agent.
Cup foam lance Advanced 042	2	2.112-018.0					Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.
1-litre cleaning agent container for foam lance	3	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).
	4	6.414-954.0					Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 6.394-668)
Foam nozzle mounting kit							
Foam nozzle attachment kit	5	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.

[■] Included in delivery.

Available accessories.

Extension hose.



















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		Order no.	Length			Price	Description	
Automatic, self-winding hose reels	for wa	all mounting			 			
Automatic hose reel, powder-coated steel / plastic	1	6.392-074.0	20 m				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 / syn- thetic material hose drum	2	6.392-083.0	20 m				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	3	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	4	6.392-105.0	20 m				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).	П
Automatic hose reel, stainless steel, includes swivel holder	5	6.392-076.0	20 m				Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
Automatic stainless steel hose reel	6	6.392-122.0	20 m				High-grade, automatic steel hose reel. Especially suitable fo use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	
	7	6.392-442.0	40 m					
Powder-coated 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.	:. 🗆
Stainless steel swivel holder	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.	

[■] Included in delivery.

Available accessories.

Extension hose.



















		Order no.	Length	Diameter		Price	Description	
Other HP Accessories		ı		1	 			
Starting current limiter	1	2.637-495.0					Reduces starting current in single-phase supply and protects line fuse.	,
Geka coupling								
Geka connector with hose barb, R 1/2"	2	6.388-461.0					with hose liner	
Geka connector with hose barb, R 3/4"	3	6.388-455.0						
Geka connector with hose barb, R 1"	4	6.388-465.0					with hose barb	
Suction filter								
Water suction filter	5	6.414-956.0					Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve	
Suction filter with check valve	6	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Water fine filter								
Water fine filter, with adapter	7	4.730-102.0					Fine-mesh water filter, 125 µm, 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", with adapter, 1".	
Water supply hose								
Water supply hose	8	4.440-038.0	7.5 m				NW 13 R1" / R 3/4", up to 30 °C	
	9	4.440-207.0	7.5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
Backflow check valve		1	1	1	1			
Backflow preventer	10	2.641-374.0					To prevent detergent getting into the drinking water cycle in case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakage protection	П

[■] Included in delivery.

Available accessories.

Extension hose.











		Order no.	Flow rate		Price	Description
Push-on washing brush						
Push-on wash brush	1	4.762-497.0				The wash brush is fitted directly onto the devices' new dual and triple nozzles using clamping.
	2	4.113-001.0				For general-purpose cleaning of all surfaces. Clamps directly onto the spray lance. Connection M 18 x 1.5
Rotating washing brush						
Rotating wash brush for < 800 l/h machines, nylon bristles	3	4.113-004.0	500-800 l/h			The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 60° C. (M 18 x 1.5, replaceable brush insert).
Rotating wash brush for < 800 l/h machines, natural bristles	4	4.113-003.0	500-800 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).

[■] Included in delivery.

Available accessories.

Extension hose.