### **KÄRCHER**

### HD 7/11-4 CAGE CLASSIC

Long service intervals and high-quality components such as the crankshaft pump with ceramic piston are among the many benefits offered by the HD 7/11-4 Cage Classic single-phase high-pressure cleaner.







#### Order no.

#### 1.367-318.0

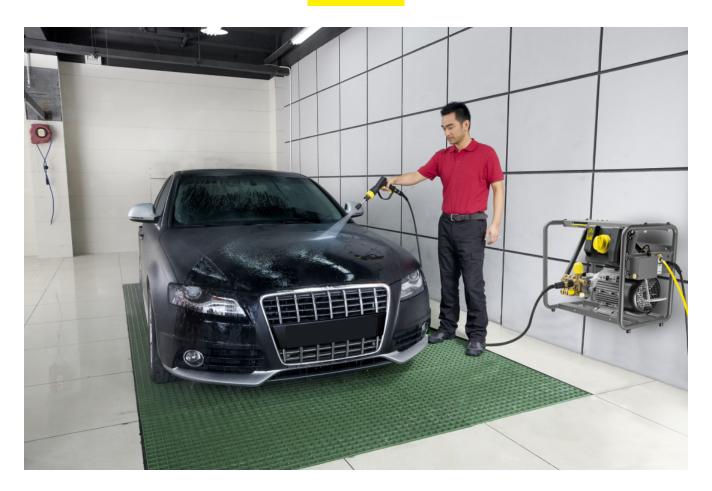
- Durable crankshaft pump with ceramic-coated pistons
- Robust tubular frame construction for maximum protection

#### Wall mounting possible

Technical data		
EAN code		4054278131665
Supply voltage	Ph / V / Hz	1 / 230 / 50
Flow rate	l/h	520 - 700
Inlet temperature	°C	60
Working pressure	bar / MPa	70 - 110 / 7 - 11
Max. pressure	bar / MPa	150 / 15
Connected load	kW	2.9
Weight (with accessories)	kg	50.5
Weight incl. packaging	kg	60.8
Dimensions (L × W × H)	mm	640 × 360 × 500

Equipment		
Spray gun		Standard
High-pressure hose	m	10 / DN 6, 250 bar
Stainless steel spray lance	mm	600
Power nozzle		
Anti-twist system		
Infinitely variable pressure and water flow regulation		
Crankshaft pump with ceramic pistons		•
Included in the scope of supply.		







#### Long-lasting and reliable

- 4-pole electric motor.
- Brass cylinder head and ceramic piston.
- Reliable crankshaft pump with additional thermostat valve.



**Robust and secure** 

- Robust tubular frame construction guarantees optimum protection of the machine.
- Built-in handles for transport.



#### Maintenance-friendly

- Excellent access to all relevant components.
- Large water inlet filter for easy servicing.

## ACCESSORIES FOR HD 7/11-4 CAGE CLASSIC 1.367-318.0



		Order no.	Description	
TRIGGER GUNS				
Spray guns				
Standard trigger gun	1	9.751-139.0	High-pressure gun for machines of the HD Classic range. With adapter for high-pressure hoses M $22 \times 1.5$ .	
EASY!Force Advanced	2	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 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.	
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 25°				
Power nozzle 25°, 050	4	2.883-399.0	Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	
HP nozzle spray angle 0°				
Power nozzle 0°, 050	5	2.884-535.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	
Power nozzle spray angle 15°				
Power nozzle 15°, 055	6	2.883-390.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	
Power nozzle spray angle 40°				
Power nozzle 40°, 050	7	2.884-524.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	
SPRAY LANCES				
Rotating spray lances				
Spray lance, 600 mm, rotatable	8	4.760-664.0	600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance, 840 mm, rotatable	9	4.760-663.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance, 1050 mm, rotatable	10	4.760-660.0	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	4.760-661.0	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	4.760-662.0	2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance				
250 mm lance, non-rotatable	13	4.760-667.0	250 mm stainless steel lance. With manual coupling. Non-rotatable.	
550 mm lance, non-rotatable	14	4.760-665.0	550 mm stainless steel lance. With manual coupling. Non-rotatable.	

■ Included in the scope of supply. □ Available accessories.

### **ACCESSORIES FOR HD 7/11-4 CAGE CLASSIC** 1.367-318.0

15	16	17	18	19	20	21
22	23	24	25	26, 28, 30-31	27	

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		Order no.	Description	
SPRAY LANCES				
Spray lance				
600 mm spray lance	15	9.751-140.0	600 mm long, zinc coated spray lance with hand screw connection. Not rotatable.	
Angular spray lance				
Spray lance for toilets and rain gutters	16	4.760-073.0	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	6.394-654.0	1050 mm flexible lance with variable bend from $20^{\circ}$ to $140^{\circ}$ , ideal for cleaning difficult to reach areas, e.g. gutters.	
High pressure articulated joint	18	4.481-039.0	High-pressure articulated joint: Thanks to infinite angle adjustment up to 120°, this tool is ideal to effortlessly clean hard-to-reach areas. Simply attach to the spray lance of the pressure washer.	
Undercarriage spray lance				
Underbody lance	19	4.760-245.0	Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt Blaster, small				
Dirt blaster, 050	20	4.767-233.0	Full power against stubborn dirt: the new performance dirt blaster with nozzle size 050 achieves up to 50% higher cleaning and area performance than its predecessor.	
Dirt blaster, large				
Dirt blaster, 050	21	4.763-253.0	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.	2
MULTIPLE-JET NOZZLES				
Triple nozzles				
Triple nozzle, 053	22	4.767-155.0	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. Connection M 18 × 1.5.	
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 10 m, DN 8, 315 bar, 2 × M22 × 1.5	23	6.391-342.0	To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 $\times$ 1.5.	
High-pressure hose, 15 m, DN 8, 315 bar, 2 × M22 × 1.5	24	6.390-010.0	With screw connections on both sides, M 22 $\times$ 1.5 with bend protection.	
High-pressure hose, 20 m, DN 8, 315 bar, 2 × M22 × 1.5	25	6.390-031.0	Screw connections at both ends, M 22 × 1.5, with kink protection.	
High-pressure hose, 30 m, DN 8, 315 bar, 2 × M22 × 1.5	26	6.390-293.0	To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 $\times$ 1.5.	
Longlife 400 with unions on both sides			·	-
High-pressure hose Longlife, 1,5 m, DN 8, 400 bar, 2 × M22 × 1.5	27	6.390-178.0	1.5 m high-pressure hose (DN 8, M 22 $\times$ 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 $\times$ 1.5).	
High-pressure hose Longlife, 10 m, DN 8, 400 bar, 2 × M22 × 1.5	28	6.388-083.0	10 m high-pressure hose Longlife 400 (DN 8) with rotary coupling, two layer high-strength steel wire reinforced. Connectors at both ends. M 22 × 1.5, with kink protection.	

■ Included in the scope of supply. □ Available accessories.

## ACCESSORIES FOR HD 7/11-4 CAGE CLASSIC 1.367-318.0



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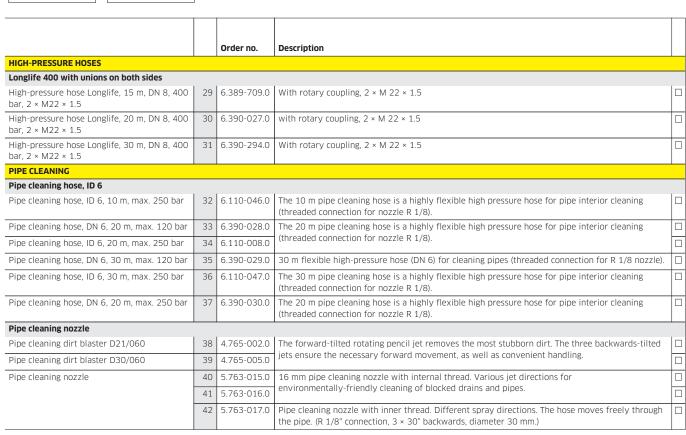












■ Included in the scope of supply. □ Available accessories.

## ACCESSORIES FOR HD 7/11-4 CAGE CLASSIC 1.367-318.0

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		Order no.	Description	
PIPE CLEANING Pipe cleaning nozzle				
Rotating pipe cleaning nozzle	43	6.415-428.0	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.	
FLOOR AND HARD SURFACE CLEANER				<u> </u>
Hard Surface Cleaner FRV 30				
FRV 30 surface cleaner	44	2.642-999.0	With the integrated and automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient. There is no longer a need to rinse the surface after cleaning, as the dirty water can be removed through the 5m suction hose, which is supplied. Additional features include the non-marking steering rollers and double ceramic bearings. Machine specific nozzle kit must be ordered separately.	ſ
Rubber lip for FRV 30	45	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	46	4.440-939.0	5m extension hose for FRV 30. Connection sleeve included.	
Hose fastening attachment kit	47	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.	
Dirt trap attachment kit	48	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				
Surface Cleaner FR 30	49	2.642-997.0	Up to 10 times greater area coverage compared with the conventional high pressure jet. Plastic casing for optimal manoeuvrability, double ceramic bearing for long working times, flexible connection joint for ergonomic handling and integrated parking position. Machine specific nozzle kit must be ordered separately.	
FR 30 Me surface cleaner				
Hard surface cleaner FR 30 Me	50	2.640-355.0	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				
Hard surface cleaner FR 50	51	2.640-679.0	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.	
Machine-specific nozzle kits for FR				
Nozzle kit for FR, 650 l/h – 850 l/h	52	2.639-187.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).	
Machine-specific nozzle kits for FRV				
Nozzle kit for FRV, 050	53	2.642-433.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
FRV 30 Me surface cleaner FRV 30 Me	54	2.642-911.0	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	55	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Advanced	56	6.394-969.0	Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	

# ACCESSORIES FOR HD 7/11-4 CAGE CLASSIC 1.367-318.0



		Order no.	Description	
FOAM SYSTEMS				
Cup foam lance				
1-litre cleaning agent container for cup foam lance basic	57	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	58	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	59	2.640-151.0	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	60	2.640-691.0	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 090 for Inno / Easy Set 700-1,000 I/h	61	2.640-688.0	Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 I/h. For optimal foam system performance.	
MIXERS AND INJECTORS				
Cleaning agent injector				
Cleaning agent injector for high pressure (without nozzle)	62	3.637-170.0	Cleaning agent dosage at high pressure 3 - 5 %	
Cleaning agent injector for high and low pressure (without nozzles)	63	3.637-001.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	
Machine-specific nozzle kit with order no. 4.63	7-033	3.0		
Nozzle kit 750-1000 l/h	64	4.769-011.0	For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union	
Nozzle kit 750-1000 l/h	65	4.769-047.0		
Nozzle insert with order no. 4.637-032.0				
Nozzle insert up to 1,100 l/h - high pressure	66	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	67	4.769-001.0	For low pressure with machines up to 1.100 l/h	
QUICK CONNECT				
Quick coupling	68	6.401-458.0	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.	
Male coupling	69	6.401-459.0	Hardened stainless steel male coupling for quick coupling 6.401-458. With M 22 × 1.5 external thread.	
DRUM AND TANK CLEANING				
Add-on kit mud sucker	70	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.	

## ACCESSORIES FOR HD 7/11-4 CAGE CLASSIC 1.367-318.0

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		Order no.	Description	
OTHER HP ACCESSORIES				
Starting current limiter	71	2.637-495.0	Reduces starting current in single-phase supply and protects line fuse.	
COUPLING PARTS				
Rotary coupling				
Rotary coupling	72	4.401-091.0	Reliably prevents twisting of HP hoses. Connection M 22 $ imes$ 1.5 m. Handle protection	
Coupling				
Coupler -2 × M22 × 1,5	73	4.403-002.0	For connecting and extending high-pressure hoses. Connection 2 $\times$ M 22 $\times$ 1.5.	
Connector				
Nozzle screws / screw socket	74	4.402-022.0	Nozzle connector/screw connector for connecting high-pressure nozzles and accessories to the high-pressure trigger gun (with nozzle connector). Connectors: $1 \times M 22 \times 1.5$ and $1 \times M 18 \times 1.5$ .	
Y distributor	75	4.405-048.0	Offers the option to connect two spray units to the machine. Installation on the high pressure	
	76	4.111-024.0	outlet.	
Adapters				
Sealing cone complete	77	4.424-004.0	In order to install high-pressure hose with male coupling on thread with M22 × 1.5 Alternative:4.111-032.0 Adapter 4 - Device new / Hose old Swivel	
EASY!Lock adapter				
Adapter 1 M22AG-TR22AG	78	4.111-029.0	Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	79	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	80	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	
Adapter 5 TR22IG-M22AG	81	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	82	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	83	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	
Adapter 8 TR20IG-M18AG	84	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	

□ Available accessories.

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# ACCESSORIES FOR HD 7/11-4 CAGE CLASSIC 1.367-318.0

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		Order no.	Description	
COUPLING PARTS		order no.		
EASY!Lock adapter				_
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 × 1.8 AG	85	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 stainless steel hose reel, 20 m	86	6.391-520.0		
Automatic stainless steel hose reel, 40 m	87	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	88	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	89	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.	
Automatic plastic hose reel incl. high-pressure hose, 15 m	90	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	91	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	92	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	93	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	94	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	95	6.392-076.0	Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
WET BLASTING ATTACHMENT				
Wet blasting attachment (without nozzle)				
Wet blasting attachment with flow control (without nozzles)	96	4.762-010.0	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)	97	4.762-022.0	Addition of spray agent to the high pressure jet. For paint stripping, rust removal and descaling. Assembly on spray lance instead of high-pressure nozzle.Without water flow regulation	
Nozzle kits for wet jet unit				
Nozzle kit for wet jet unit 050	98	2.637-902.0	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 4.762-010/-022.	

## ACCESSORIES FOR HD 7/11-4 CAGE CLASSIC 1.367-318.0



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		Order no.	Description	
WET BLASTING ATTACHMENT				
Boron carbide nozzle				
Boron carbide nozzle, for machines up to 1,000 l/h	99	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				
Geka connector with hose barb, R 3/4"	100	6.388-455.0	with hose liner	
Geka connector with inner thread, R 3/4"	101	6.388-473.0	with female thread	
Suction filter				
Water suction filter	102	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	103	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	104	2.637-020.0	Water fine filter, mesh size 25 $\mu$ m, 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	105	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", with adapter, 1".	, 🗆
Water supply hose				
Water supply hose	106	4.440-038.0	NW 13 R1" / R 3/4", up to 30 °C	
Backflow check valve		1		
Backflow preventer	107	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	
WASHING BRUSHES		1		
Push-on washing brush				
Push-on wash brush	108	4.762-497.0	The wash brush is fitted directly onto the devices' new dual and triple nozzles using clamping.	
Rotating washing brush				
Rotating wash brush for < 800 l/h machines, nylon bristles	109	4.762-561.0	The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to $60^{\circ}$ C. (M 18 × 1.5, replaceable brush insert).	
Rotating wash brush for < 800 l/h machines, natural bristles	110	4.762-560.0	Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to $60^{\circ}$ C, M 18 × 1.5 (replaceable brush insert).	