



HDS 8/20 De

The new HDS 8/20 De hot water high-pressure cleaner impresses with its powerful diesel engine and robust Kärcher crankshaft pump, even where no power connection is available.



1 Economical, diesel-powered combustion engine

- Allows independence of external power sources.
- Complies with the requirements of exhaust emissions standard EU STAGE V.



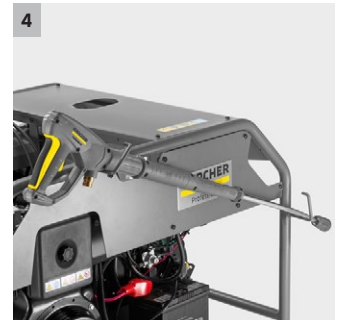
2 Outstanding mobility

- Large, puncture-proof tyres and steering roller/caster with parking brake.
- Push handles for simple transport and manoeuvrability.



3 Robust design for the toughest jobs

- Sturdy tubular steel frame protects the machine against external effects.
- Proven safety technology such as thermo and safety valve and water filter.



4 Accessories concept

- Storage possibilities for all accessory parts directly on the machine.
- Fatigue-free EASY!Force high-pressure gun.



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- Robust crankshaft pump with ceramic pistons
- Sturdy pipe frame for handling with crane
- Diesel engine with electro start

Technical data

Order no.		1.210-910.0
EAN code		4054278612546
Pressure	bar / MPa	200 / 20
Flow rate	l/h	800
Temperature (for supply 12 °C)	°C	max. 80
Consumption of heating oil or gas at full load	kg/h	5.9
Drive type		Diesel
Engine rating	kW / HP	6.8 / 9.25
Number of simultaneous users		1
Portability		cart
Fuels		Diesel / Light oil
Weight	kg	243
Dimensions (L x W x H)	mm	1130 x 910 x 895

Equipment

Spray gun		EASY!Force Advanced
High-pressure hose	m	10 / Longlife / ID 8, 315 bar
Spray lance	mm	840
Cage protective frame		■
Anti-twist system		-
Electro start		■
Power nozzle		■
Servo control		-
Sturdy tubular steel frame for crane loading		■

■ Included in the scope of supply.

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		Order no.	Flow rate					Price	Description
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.
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 the scope of supply. □ Available accessories.



		Order no.	Max. working pressure	Length			Price	Description	
Rotating spray lances									
Spray lance	1	4.112-006.0	300 bar	840 mm				850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
LED nozzle light	2	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	3	4.112-027.0	300 bar	250 mm				Spray lance, 250 mm, rotatable, ergonomic	□
	4	4.112-024.0	300 bar	400 mm				Spray lance, 400 mm, rotatable, ergonomic	□
	5	4.112-007.0	300 bar	600 mm				600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
	6	4.112-000.0	300 bar	1050 mm				1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
	7	4.112-018.0	300 bar	1550 mm				1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
	8	4.112-021.0	300 bar	2050 mm				2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Spray lance extender	9	4.112-048.0	300 bar	1000 mm				Spray lance extension with EASY!Lock connection. Length 1000 mm.	□
Angular spray lance									
Spray lance for toilets and rain gutters	10	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	11	4.112-035.0	210 bar	1050 mm				1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	□
High pressure articulated joint	12	4.112-057.0	300 bar					For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.	□
Inactive									
Strap for telescopic spray pipe	13	6.373-987.0						Convenient strap for relief when working with the telescopic spray lance (6.394-690). The burden is optimally distributed on the body and longer periods of use are possible.	□
Gutter cleaner									
Gutter cleaning lance	14	2.112-015.0		960 mm				The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.	□
Undercarriage spray lance									
Underbody lance	15	4.112-032.0		700 mm				Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	□
Additional handle									
Additional handle for EASY!Lock spray lances	16	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.	□

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

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		Order no.	Nozzle size				Price	Description	
Power nozzle spray angle 25°									
Power nozzle	1	2.113-021.0	40					Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	■
Chemical nozzle	2	2.113-020.0	250					Brass power nozzle for low-pressure operation and cleaning agent suction.	□
HP nozzle spray angle 0°									
Power nozzle	3	2.113-001.0	40					High-pressure nozzle with powerful jet for extremely stubborn dirt.	□
Power nozzle spray angle 15°									
Power nozzle	4	2.113-045.0	40					Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	□
Power nozzle spray angle 40°									
Power nozzle	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 the scope of supply. □ Available accessories.



		Order no.	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose	1	6.110-031.0	DN 8	315 bar	10 m		High-pressure hose (DN 8) suitable up to 315 bar pressure. With innovative EASY!Lock manual screw fitting on both sides, ANTI!Twist and 10 m long.	■
	2	6.110-030.0	DN 8	315 bar	15 m		15 m long high-pressure hose, DN 8, with ANTI!Twist and time-saving EASY!Lock manual screw fitting on both sides.	□
	3	6.110-032.0	DN 8	315 bar	20 m		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.	□
	4	6.110-014.0	DN 8	315 bar	30 m		Comfortable length (30 m) and innovative EASY!Lock manual screw fitting: High-pressure hose (DN 8) with ANTI!Twist for pressures up to 315 bar.	□
	5	6.110-042.0	DN 10	220 bar	15 m		Equipped with innovative EASY!Lock manual screw fitting and suitable for pressures up to 220 bar: 15 m long high-pressure hose (DN 10).	□
	6	6.110-043.0	DN 10	220 bar	20 m		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).	□
	7	6.110-044.0	DN 10	220 bar	25 m		Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	□
	8	6.110-059.0	DN 12	210 bar	15 m		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.	□
	9	6.110-060.0	DN 12	210 bar	40 m		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 with unions on both sides								
High-pressure hose Longlife	10	6.110-024.0	DN 8	400 bar	1.5 m		1.5 m short high-pressure hose (DN 8). Comfortable EASY!Lock manual screw fitting on both sides for robust and quick connections. Durable and designed for up to 400 bar pressure.	□
	11	6.110-069.0	DN 8	400 bar	1.5 m		1.5 m long high-pressure hose (DN 8) suitable for up to 400 bar pressure with double steel core. Connections: M 22 x 1.5, as well as the comfortable and quick EASY!Lock manual screw fitting.	□
	12	6.110-038.0	DN 8	400 bar	10 m		Durable, 10 m long high-pressure hose (DN 8) with double steel core and EASY!Lock manual screw fitting on both sides and ANTI!Twist. Approved for 400 bar pressure.	□
	13	6.110-023.0	DN 8	400 bar	30 m		Robust high-pressure hose with double steel core, ANTI!Twist and EASY!Lock manual screw fitting on both sides. Nominal size DN 8, 30 m long, for up to 400 bar pressure.	□
	14	6.110-027.0	DN 8	400 bar	20 m		High-pressure hose with ANTI!Twist, EASY!Lock manual screw fittings and double steel core. 20 m long, nominal size DN 8, EASY!Lock manual screw fitting on both sides.	□
	15	6.110-029.0	DN 8	400 bar	15 m		The double steel core ensures a particularly long life of this 15 m long high-pressure hose (DN 8), which is approved for pressures up to 400 bar.	□
Longlife food design with screw connections at both ends								
High-pressure hose food grade Longlife	16	6.110-053.0	DN 8	400 bar	10 m		With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, ANTI!Twist and EASY!Lock hand screw connection at both ends.	□

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

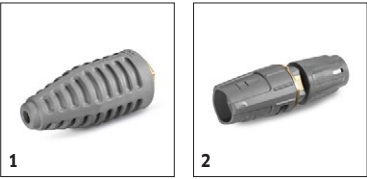
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		Order no.	ID	Max. working pressure	Length		Price	Description	
Special hoses									
High-pressure hose curved	17	6.110-068.0	DN 8	400 bar	1.5 m			For connection to hose reels: high-pressure hose, with M 22 × 1.5 connection and curved EASY!Lock hand screw connection. 1.5 m long, suitable for up to 400 bar working pressure.	☐

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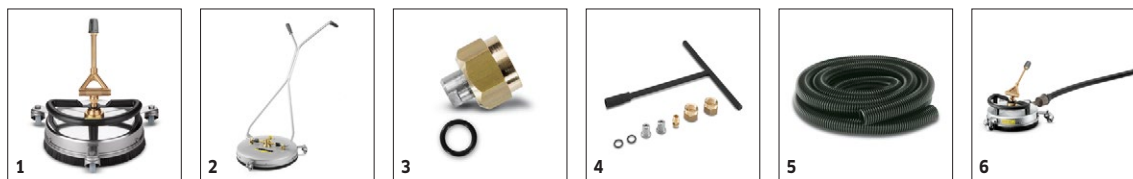
		Order no.	Max. working pressure	Nozzle size			Price	Description	
Dirt blaster, large									
Dirt blaster	1	4.114-041.0	300 bar	40				The dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Ceramic nozzle and bearing ring for a long service life. Further data: Max. 300 bar, 30 MPa, 85°C.	☐
Triple nozzles									
Triple nozzle	2	4.117-033.0	300 bar	40				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.	☐

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



		Order no.	Max. working pressure	Nozzle size	Diameter	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, 30 m, max. 250 bar	2	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 hose, ID 6, 10 m, max. 140 bar	3	6.110-048.0	140 bar				10 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	☐
Pipe cleaning hose, ID 6, 20 m, max. 140 bar	4	6.110-049.0	140 bar				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. 140 bar	5	6.110-050.0	140 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	☐
Pipe cleaning nozzle								
Pipe cleaning dirt blaster D21/060	6	4.765-002.0		60	21 mm		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.	☐
Pipe cleaning dirt blaster D30/060	7	4.765-005.0		60	30 mm			☐
Pipe cleaning nozzle	8	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐
	9	5.763-016.0		60	16 mm			☐
Drum and tank cleaning								
Add-on kit mud sucker	10	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.	☐

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



		Order no.	Flow rate	Nozzle size	Diameter	Price	Description	
FR 30 Me surface cleaner								
Hard Surface Cleaner FR 30 Me	1	2.111-013.0			300 mm		Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.	☐
Hard Surface Cleaner FR 50								
Surface Cleaner FR 50 Me	2	2.111-023.0			500 mm		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	3	2.639-187.0	650 – 850 l/h				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	4	2.642-431.0		40			Machine-specific nozzle kit Kärcher power nozzles and jet nozzle for FRV 30.	☐
FRV 30 Me surface cleaner								
Extension hose FRV 30 Me and FRV 50 Me	5	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	☐
FRV 30 Me Surface Cleaner	6	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 the scope of supply. □ Available accessories.



		Order no.	Flow rate				Price	Description	
Cup foam lance									
Cup foam lance Basic 2	1	4.112-054.0	700 - 800 l/h					Newly developed, very robust Basic 2 cup foam lance especially for high-pressure cleaners with a flow rate of 700-800 l/h. For excellent foam quality with half the cleaning agent consumption.	☐
Cup foam lance Advanced	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 cup foam lance advanced	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).	☐
Cup foam lance Advanced 2	4	4.112-064.0	700 - 800 l/h					Developed for Kärcher high-pressure cleaners without servo control: The cup foam lance Advanced 2 impresses with a main body made of Ecobras for use with aggressive cleaning agents.	☐
Cup foam lance DUO Advanced 2	5	4.112-068.0	700 - 800 l/h					For pressure washers without Servo Control: The DUO Advanced 2 cup foam lance is impressive with its option for direct switching to high-pressure cleaning and two-litre detergent tank.	☐
Inno Foam Kit									
Inno Foam Set with detergent injector	6	2.112-000.0						High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.	☐
Easy Foam Set									
Easy Foam Set with RM injector	7	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 090 for Inno / Easy Set 700-1,000 l/h	8	2.111-019.0	700 - 1000 l/h					Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 l/h. For optimal foam system performance.	☐
Foam nozzle mounting kit									
Foam nozzle attachment kit	9	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 the scope of supply. □ Available accessories.



		Order no.						Price	Description	
Cleaning agent injector										
Cleaning agent injector for high and low pressure (without nozzles)	1	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)	2	4.637-033.0							Cleaning agent dosage at high pressure 3 - 5 %	☐
Machine-specific nozzle kit with order no. 4.637-033.0										
Nozzle kit 750-1000 l/h	3	4.769-011.0							For HD/HDS 750 - 1000 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	4	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	5	4.769-001.0							For low pressure with machines up to 1.100 l/h	☐
Rotary coupling										
Rotary coupling	6	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	7	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.	☐
Y distributor	8	4.111-024.0							Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	☐
EASY!Lock adapter										
Adapter 1 M22AG-TR22AG	9	4.111-029.0							Adapter 1 to connect the old hose with the new hose	☐
Adapter 2 M22IG-TR22AG	10	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	11	4.111-031.0							Adapter 3 to connect the old gun with the new spray lance and new servo regulator	☐
Adapter 4 TR22IG-D11	12	4.111-032.0							Adapter 4 to connect the new gun with the old swivel hose	☐
Adapter 5 TR22IG-M22AG	13	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	14	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	15	4.111-035.0							Adapter 7 to connect the old spray lance with the new nozzle	☐
Adapter 8 TR20IG-M18AG	16	4.111-036.0							Adapter 8 to connect the new spray lance with the old nozzle	☐

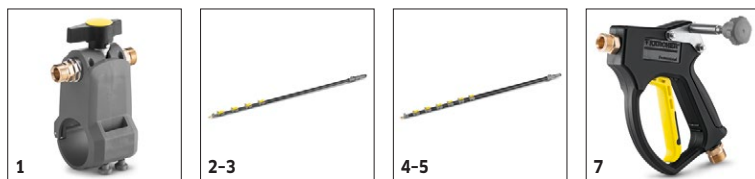
■ Included in the scope of supply. □ Available accessories.

		Order no.	Flow rate	Length of the product	Length	Price	De- scrip- tion	
Telescopic lances								

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KÄRCHER



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KÄRCHER



		Order no.	Nozzle size				Price	Description	
Wet blasting attachment (without nozzle)									
Wet blasting attachment with flow control (without nozzles)	1	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)	2	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.	☐
Nozzle kits for wet jet unit									
Nozzle kit for wet jet unit 040	3	2.112-019.0	40					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 machines 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 the scope of supply. □ Available accessories.



		Order no.						Price	Description	
Geka coupling										
Geka connector with hose barb, R 1/2"	1	6.388-461.0							with hose liner	☐
Geka connector with hose barb, R 3/4"	2	6.388-455.0								☐
Geka connector with internal thread, R 1"	3	6.388-458.0							with female thread	☐
Suction filter										
Water suction filter	4	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	5	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	6	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, 100 µm, R 3/4"	7	2.637-691.0							Fine-mesh water filter, 100 µm, max. temperature 60°C. Protects the high-pressure cleaner from dirt particles contained in the water. Transparent filter cup. Water flow rate up to 1200 l/h. Connector 3/4".	☐
Water fine filter, with adapter	8	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	9	4.440-207.0							NW 19 R1" / R 3/4", up to 85 °C, for pick-up	☐
Backflow check valve										
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	☐
Other HP Accessories										
Jet gun	11	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.	☐

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		Order no.	Flow rate				Price	Description	
Push-on washing brush									
Push-on wash brush	1	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	2	4.113-002.0	800 - 1300 l/h					Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert).	☐
Rotating wash brush for > 800 l/h machines, natural bristles	3	4.113-005.0	800 - 1300 l/h						☐

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