

### 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 strengths of the HD 7/11-4 Cage Classic single-phase high-pressure cleaner.













- **Durable and reliable**
- 4-pole electric motor.
- Brass cylinder head and ceramic piston.

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

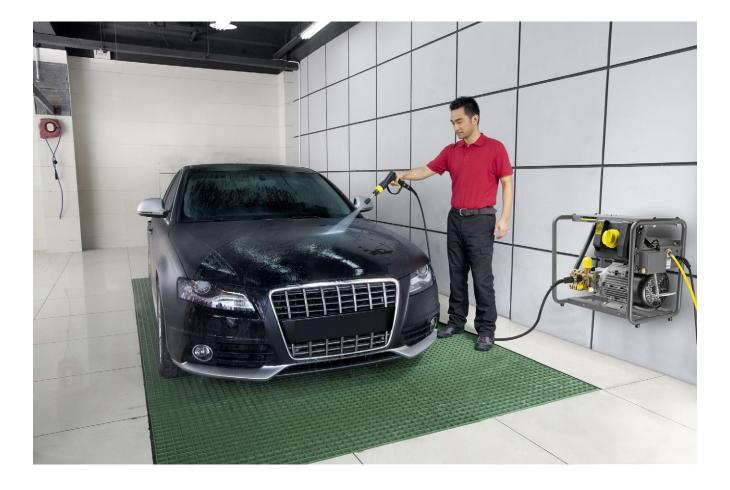
#### **Robust and secure**

- Robust tubular frame construction ensures optimum protection of the 📕 The machine can be attached to the floor or the wall.
- Built-in handles for transport.

#### 4 Versatile

### **TECHNICAL DATA AND EQUIPMENT.**





#### HD 7/11-4 Cage Classic

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

Technical data		
Order Number		1.367-318.0
EAN code		4054278131665
Current type	Ph / V / Hz	1 / 230 / 50
Flow rate	l/h	520-700
Operating pressure	bar / MPa	70-110 / 7-11
Max. pressure	bar / MPa	150 / 15
Max. water feed temperature	°C	60
Power rating	kW	2,9
Weight	kg	50,5
Dimensions (L x W x H)	mm	640 × 360 × 500

Equipment		
Trigger gun		Standard
High-pressure hose	m	10 / ID 6, 250 bar
Spray lance	mm	600
Power nozzle		I
ANTI!Twist		-
Pressure switch control		-
Infinitely variable pressure and water flow control on the unit		•
Servo Control		-
Crankshaft pump with ceramic pistons		I

■ Included in delivery.















		Order Number	ID	Max. working pressure	Length	Prio	e Descri	ption	
Standard with unions on both sides				1					
High-pressure hose, 30 m DN 8, including rotary coupling	1	6.390-293.0	ID 8	315 bar	30 m		With ro	otary coupling, 2 x M 22 x 1.5	<b>A</b>
High-pressure hose, 15 m DN 8, 315 bar, including rotary coupling	2	6.390-010.0	ID 8	315 bar	15 m				<b>A</b>
High-pressure hose, 20 m DN 8, 315 bar, extension	3	6.390-031.0	ID 8	315 bar	20 m			22x1.5 union at both ends and anti-kink protection 55°C/315 bar	<b>A</b>
	4	9.751-035.0							
High-pressure hose packaged	5	6.391-342.0	ID 8	315 bar	10 m				
Longlife 400 with unions on both s	des								
High-pressure hose Longlife 400, 15 m, DN 8, including rotary coup- ling	6	6.389-709.0	ID 8	400 bar	15 m		With ro	otary coupling, 2 x M 22 x 1.5	•
High-pressure hose Longlife 400, 20 m, DN 8, extension	7	6.390-027.0	ID 8	400 bar	20 m		with ro	otary coupling, 2 x M 22 x 1.5	•
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup- ling	8	6.390-294.0	ID 8	400 bar	30 m		With ro	otary coupling, 2 x M 22 x 1.5	•
	9	6.392-282.0	ID 8	400 bar	1,5 m				
High-pressure hose 1.5 m, DN 8, including connectors	10	6.390-178.0	ID 8	400 bar	1,5 m		tection	high-pressure hose (DN 8, M 22 x 1.5) with kink pro- and connectors at both ends. For connecting to hose with appropriate connector (M 22 x 1.5).	
High-pressure hose Longlife 400, 10 m, DN 8, including rotary coup- ling	11	6.388-083.0	ID 8	400 bar	10 m		couplin	igh-pressure hose Longlife 400 (DN 8) with rotary ig, two layer high-strength steel wire reinforced. ttors at both ends. M 22 x 1.5, with kink protection.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.











		Order Number	Flow rate		Price	Description	
Trigger guns							
Pistol for replacement	1	9.751-139.0					
Extended easy press trigger gun	2	4.118-005.0				Extended easy press high-pressure trigger gun for high- pressure hoses with rotating connector.	
Quick connect							
Quick coupling	3	6.401-458.0				For quick change of different spray lances and accessories. Optimum adaption to Kärcher accessories, especially for connection between trigger gun and spray lance. With M22 x 1,5 female.	
Plug nipple	4	6.401-459.0				Hardened stainless steel nipple for quick coupling 6.401- 458. With M22 x 1.5 male	$\Box$

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.







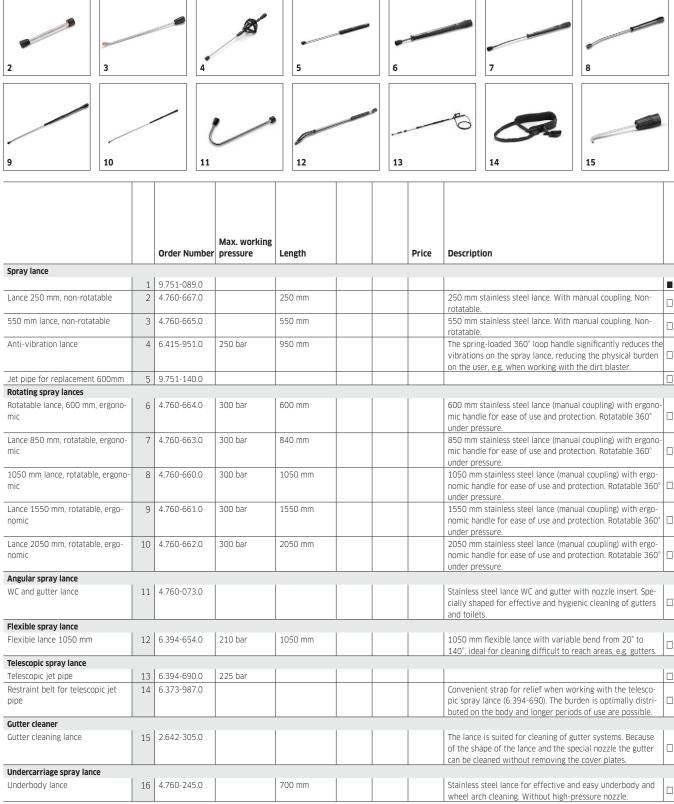
		Order Number	Nozzle size		Price	Description
Power nozzle spray angle 25°						
Power nozzle spray angle 25°	1	2.883-399.0	50			Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.
HP nozzle spray angle 0°						
High-pressure nozzle spray angle °0	2	2.884-535.0	50			High-pressure nozzle with powerful jet for extremely stubborn dirt. $\hfill\Box$
Power nozzle spray angle 15°						
Power nozzle spray angle 15°	3	2.883-390.0	55			Fan jet nozzle with 15° spray angle suitable for stubborn dirt.
Power nozzle spray angle 40°						
Power nozzle spray angle 40°	4	2.884-524.0	50			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces. $\hfill\Box$

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose



		Order Number			Price	Description
T						
Trigger guns						
	1	4.775-026.0				

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.







		Order Number			Price	Description
Y distributor						
Y distributor	1	4.405-048.0				
	2	4.111-024.0				

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.

























		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description
Hard Surface Cleaner FRV 30		ı					
FRV 30	1	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.
Add-on kit rubber lip	2	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	3	4.440-939.0					5m extension hose for FRV 30. Connection sleeve included.
Add-on kit hose attachment	4	2.642-528.0					
Add-on kit dirt trap	5	2.642-532.0					
Hard surface cleaner FR 30							
FR 30	6	2.642-997.0			300 mm		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 mus be ordered separately.
Hard surface cleaner FR 30 ME							
FR 30 ME surface cleaner	7	2.640-355.0			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							
FR 50 surface cleaner	8	2.640-679.0			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 kit for FR							
Nozzle kit for surface cleaners (type-specific) 650 - 850 l/h	9	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 FI	1			1 .			ı
Nozzle kit 050 for FRV 30	10	2.642-433.0		50			
Hard surface cleaner FRV 30 Me	1			I			la company and a second
FRV 30 ME		2.642-911.0					Surface cleaner with integrated waste water pick-up
Suction hose FRV 30 me	12	4.441-040.0					
Surface Cleaner FR 50 Me							

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.































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		Order Number				Price	Description	
Rotary coupling								
Rotary coupling	1	4.401-091.0					Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.	
Coupling								
Coupler -2xM22x1,5	2	4.403-002.0					Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: $2x \text{ M } 22 \text{ x } 1.5 \text{ m}$ .	
Connector		1					,	Ļ
Nozzle connector/screw connector	3	4.402-022.0					Nozzle connector/screw connector for connecting high- pressure nozzles and accessories to the high-pressure trig- ger gun (with nozzle connector). Connectors: 1x M 22 x 1.5 and 1x M 18 x 1.5.	
Adapter								
Adapter M22 - Swivel	4	4.424-004.0					M22 x 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.	111
Adapter EASY!Lock								
Adapter 1 M22AG-TR22AG	5	4.111-029.0						
Adapter 2 M22IG-TR22AG	6	4.111-030.0					1	
Adapter 3 M22IG-TR22AG	7	4.111-031.0						
Adapter 5 TR22IG-M22AG	8	4.111-033.0						[
Adapter 6 TR22IG-M22AG	9	4.111-034.0					7	
Adapter 7 M18IG-TR20AG	10	4.111-035.0					1	
Adapter 8 TR20IG-M18AG	11	4.111-036.0					7	
ADAPTER for replacement TR22IG-	12	4.111-046.0						
M22AG Er								_
HP detergent injector	1 12	3.637-170.0	I		1	1	Classics agent decade at high procesure 2. F. %	
Detergent injector for high pressu- re	13	3.037-170.0					Cleaning agent dosage at high pressure 3 - 5 %	
Detergent injector for high and low pressure (without nozzles)	14	3.637-001.0					Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	
Machine-specific nozzle kit with or	der no	. 3.637-170						
Nozzle insert trapezoidal thread HDS-GER	15	4.769-011.0						
Machine-specific nozzle kit with order no. 3.637-170.0 750-1000	16	4.769-047.0					For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union	
I/h								L
Nozzle insert with order no. 3.637-	001	1	1	,	,			
Nozzle insert for Order No. 3.637- 001, high-pressure for machines up to 1100 l/h.	17	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	18	4.769-001.0					For low pressure with machines up to 1.100 l/h	

<sup>1100</sup> l/h

■ Included in delivery. □ Available accessories. ▲ Extension hose.









		Order Number	Max. working pressure	Nozzle size		Price	Description
Triple nozzles		<u>'</u>	<u>'</u>	<u>'</u>	'		
Triple nozzle 053	1	4.767-155.0	300 bar	53			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For high-pressure cleaners with injector; low-pressure fan jet for detergent removal and application. Connector M 18x1.5.
Dirt Blaster, small							
	2	4.767-233.0	180 bar	50			
Dirt blaster, large							
Dirt blaster - without changeover function	3	4.763-253.0	300 bar	50			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.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









		Order Number	Nozzle size			Price	Description
Wet blasting attachment (without r	nozzle)			'			
Wet blasting attachment with flow control (without nozzles)	1	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)	2	4.762-022.0					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 pack for wet blasting attach	ment						
Nozzle kit for wet blasting attachment 050	3	2.637-902.0	50				Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kårcher wet blasting attachment performance. Only in combination with wet blasting attachment 4.762-010/-022.
Boron carbide nozzle							
Boron carbide nozzle, for machines as of 1000 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.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.

















	T						T	_
		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6				'				
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar					
Pipe cleaning hose	2	6.390-028.0	120 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning hose, DN 6, 20 m, 220 bar	3	6.110-008.0	250 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).	
Pipe cleaning hose, DN 6, 30 m	4	6.390-029.0	120 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Hose assembly TR pipe cleaning DN6 max.2	5	6.110-047.0	250 bar					
Pipe cleaning hose, DN 6, 20 m, 220 bar	6	6.390-030.0	250 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).	
Pipe cleaning nozzle								
Drain cleaning dirt blaster D 25/060	7	6.415-945.0		60	25 mm		The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the	
Drain cleaning dirt blaster D 30/060	8	6.415-947.0		60	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/060	9	6.415-949.0		60	35 mm			
Pipe cleaning nozzle	10	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various je	t 🗆
	11	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	12	5.763-017.0		50	30 mm		30 mm pipe cleaning nozzle with internal thread. Various je directions for environmentally-friendly cleaning of blocked drains and pipes.	
Rotating pipe cleaning nozzle	13	6.415-428.0		50	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	

 $<sup>\</sup>blacksquare$  Included in delivery.  $\hfill\Box$  Available accessories.  $\hfill \triangle$  Extension hose.















		Order Number	Flow rate		Price	Description
Cup foam lance						
Foam lance nozzle Ø1,5	1	6.394-969.0				
Tank grey only for replacement 1L	2	6.414-050.0				
Inno Foam Set				,		
Inno foam kit with detergent injector	3	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	4	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 Inno/Easy kit 700 - 1000 I/h	5	2.640-688.0	700-1000 l/h			Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 I/h. For optimal foam system performance.
Foam nozzle mounting kit						
Foam nozzle kit	6	2.637-926.0				Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long application times are necessary.

 $<sup>\</sup>blacksquare$  Included in delivery.  $\hfill\Box$  Available accessories.  $\hfill \triangle$  Extension hose.





















		Order Number	Length		Price	Description	
Automatic, self-winding hose reels		Order Norriber	Length		FIICE	Description	l
Add-on kit hose reel TR 40m	1	6.392-442.0	40 m				1
Swivel holder	2					Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose Rotatable 120°. Galvanised steel.	Ť
ABS wall fastening stainless steel	3	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.	-
Add-on kit hose reel plastics	4	6.392-975.0	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.	[
Add-on kit hose reel	5	6.392-965.0	20 m			Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.	[
Hose reel, automatic, 20 m, painted	6	2.639-919.0	20 m			Automatic hose reel of durable plastic. Painted steel bracket Suitable for 20 m high-pressure hose.	t. [
Hose reel, automatic, 20 m, stain- less steel	7	6.391-421.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	[
ABS hose reel stainless steel	8	2.641-866.0	20 m			High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	
Add-on kit hose reel plastics	9	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.	[
Add-on kit hose reel	10	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.	
Hose reel, automatic, 20 m, painted	11	6.392-106.0	20 m			Automatic hose reel of durable plastic. Painted steel bracket Suitable for 20 m high-pressure hose.	t. [
	12	6.392-105.0	20 m				[
Hose reel, automatic, 20 m, stain- less steel	13	6.392-076.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
ABS hose reel stainless steel	14	6.392-122.0	20 m			High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive.  Connection for HP hoses with nipple.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









		Order Number	Flow rate	Water feed temperature	Length	Length	Price	Description	
Solar cleaning - telescopic lances									
Telescopic rod complete 14m	1	4.110-002.0		60 °C				Full carbon telescopic rod for maximum rigidity with minimal weight. With 14 m max. reach and practical quick-release couplings for easy extension and retraction.	
Telescopic rod complete 10m CFK	2	4.110-007.0		60 °C					
Telescopic rod complete 10m	3	4.110-003.0		60 °C				Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 10 m max. reach and practical quick-release couplings for easy extension and retraction.	
iSolar TL 7 H (without hose)	4	4.110-004.0		60 °C				Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 7.2 m max. reach and practical quick-release couplings for easy extension and retraction.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.



















		Order Number	Length	Diameter		Price	Description
Other HP Accessories				I			
Starting current limiter	1	2.637-495.0					Reduces starting current in single-phase supply and protects line fuse.
Geka coupling							
With hose nozzle, R 3/4"	2	6.388-455.0					with hose liner
With female thread, R 3/4"	3	6.388-473.0					with female thread
Suction filter							
Water filter	4	6.414-956.0					
Suction filter with check valve	5	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.
Fine-mesh water filter							
Fine-mesh water filter with adapter	6	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	7	4.440-038.0	7,5 m				NW 13 R1" / R 3/4", up to 30 °C
Backflow check valve							
Backflow preventer	8	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

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









		Order Number	Flow rate		Price	Description	
Push-on washing brush		'	'				
Push-on washing brush	1	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							
	2	4.762-561.0	500-800 l/h				
	3	4.762-560.0	500-800 l/h				

lacktriangle Included in delivery.  $\Box$  Available accessories. lacktriangle Extension hose.