



### HD 17/14-4 S Plus

The HD 17/14-4 S Plus, an upright cold water high-pressure cleaner, is equipped with an EASY!Force high-pressure gun and Servo Control for pressure and water flow regulation.











1 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.

#### 2 Proven Kärcher quality

- 4-pole water-cooled electric motor.
- Robust brass cylinder head and ceramic piston.



#### 3 For increased safety

- Integrated electronics system for machine monitoring.
- Automatic switch-off in case of low voltage range or overvoltage.

#### **Outstanding mobility** 4

- Large rubber wheels for negotiating uneven surfaces, stairs and lan-dings.
- Proven sack truck principle for easy, ergonomic transport.

### **TECHNICAL DATA AND EQUIPMENT**

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#### HD 17/14-4 S Plus

Save time and effort: EASY!Force high-pressure gun and EASY!Lock

- quick-release couplings.
- Water-cooled three-phase motor
- Outstanding flushing action

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		Order no.	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 15 m	1	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).	
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 20 m	2	6.110-043.0	DN 10	220 bar	20 m		20 m in length and the extremely time-saving and comforta- ble EASY!Lock manual screw fitting on both sides are some of the main features of this high-pressure hose (DN 10).	
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 25 m	3	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.	
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 40 m	4	6.110-045.0	DN 10	220 bar	40 m		40 m long high-pressure hose with EASY!Lock system for the time-saving manual screw connection (both sides). Nom- inal size (DN) 10, working pressure up to 220 bar.	
High-pressure hose, 2 x EASY!Lock, DN 12, 210 bar, 15 m	5	6.110-059.0	DN 12	210 bar	15 m		Designed for working pressures up to 250 bar: High-pres- sure hose (DN 12) with a length of 15 m. Has the comforta- ble EASY!Lock manual screw fitting on both sides.	•
High-pressure hose, 2 x EASY!Lock, DN 12, 210 bar, 40 m	6	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.	
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 10 m	7	6.110-041.0	DN 10	220 bar	10 m		Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	

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		Order no.	Flow rate			Price	Description
Trigger guns			1	1			
EASY!Force Advanced	1	4.118-005.0					Effortless, not energy-sapping: the EASY!Force high-pres- sure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.
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.
Servo control							
Servo Control controller with EASY!Lock	5	4.118-009.0	1100 l/h				Water quantity and pressure regulated directly from the hand spray gun.
Quick connect					 		
Quick coupling	6	2.115-000.0					For fast changes between different spray lances/accessories. Perfect for Kårcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.
Male coupling	7	2.115-001.0					Hardened stainless steel male coupling for quick coupling $2.115$ -000. With M 22 x 1.5 external thread.

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	1		 				
		Order no.	Max. working pressure	Length		Price	Description
Rotating spray lances Spray lance	1	4.112-000.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergo-
							nomic 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		300 bar	250 mm			Spray lance, 250 mm, rotatable, ergonomic
	4	4.112-024.0 4.112-007.0	300 bar 300 bar	400 mm 600 mm			Spray lance, 400 mm, rotatable, ergonomic         Image: Comparison of the state of the st
							nomic handle for ease of use and protection. Rotatable $360^{\circ}$
	6	4.112-006.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergo- nomic 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 ergo- nomic 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 ergo- nomic 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.
Double lance Double lance	10	2.112-016.0	310 bar	960 mm			960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use ( e.g. stable cleaning).
Angular spray lance Spray lance for toilets and rain gutters	11	4.112-029.0					Stainless steel lance WC and gutter with nozzle insert. Spe- cially shaped for effective and hygienic cleaning of gutters and toilets.
Flexible spray lance	12	4.112-035.0	210 bar	1050 mm			1050 mm flexible lance with variable bend from 20° to
				1030 11111			140°, ideal for cleaning difficult to reach areas, e.g. gutters. $\Box$
High pressure articulated joint	13	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.
Telescopic spray lance Strap for telescopic spray pipe	14	6.373-987.0					Convenient strap for relief when working with the telescop-
	14	1.575 507.0					ic spray lance (6.394-690). The burden is optimally distrib- uted on the body and longer periods of use are possible.
Gutter cleaner			1	1	I		ated on the body and longer periods of ose are possible.
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Gutter cleaning lance Undercarriage spray lance	15	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.

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose. wheel arch cleaning. Without high-pressure nozzle.





		Order no.	Max. working pressure	Length		Price	Description
Additional handle Additional handle for EASY!Lock spray lances	17	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.



		Order no.	Max. working pressure	Nozzle size		Price	Description
Dirt blaster, large							
Dirt blaster	1	4.114-044.0	300 bar	120			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.



		Order no.	Nozzle size		Price	Description
Power nozzle spray angle 25°						
Power nozzle	1	2.113-060.0	115			Fan jet nozzle for large-area coverage and stubborn dirt and stains.

□ Available accessories. ▲ Extension ho uded in the scope of supply.

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Rotatable adapter for connecting EASY!Force high-pressure

gun and high-pressure hoses with M  $22 x 1.5 \ \mbox{connection}$ 

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		Order no.					Price	Description	
Nozzle union			I		II		1		
Nozzle screws	1	4.112-011.0						Nozzle screws with protectors for high-pressure and power	
								nozzles	
Cleaning agent injector									
Dosing valve for stainless steel injector	2	6.500-000.0						Retrofittable dosing valve for stainless steel injectors. For easy, convenient and precise cleaning agent dosing adjust- ment via a control knob.	
Cleaning agent injector for high and low pressure (without nozzles)	3	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)	4	4.637-033.0						Cleaning agent dosage at high pressure 3 - 5 %	
Nozzle insert with order no. 4.637-	032.0								
Nozzle insert from 1,100 l/h - HD	5	4.769-002.0						For high pressure with machines above 1.100 l/h	
Nozzle insert from 1,100 l/h - ND	6	4.769-006.0						For low pressure with machines above 1.100 l/h	
Rotary coupling Rotary coupling	7	4.111-021.0						Reliably prevents twisting of HP hoses. Connection M 22 ${\rm x}$	
								1.5 m. Handle protection	Ľ
Coupling					1 1		1		
Adapter hose extension 9 TR	8	4.111-037.0						Adapter 9 to connect the new hose with the new hose	
Connector Screw socket for surface cleaners	9	4.111-022.0	1		I I		1	For attaching high processes possiles and according parts to	
and Servo Control controllers	9	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	10							Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	
Short spray unit	11	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		1					1		
Adapter 1 M22AG-TR22AG	12	4.111-029.0						Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	13							Adapter 2 to connect the old device with the new hose and the old gun with the new hose	
Adapter 3 M22IG-TR22AG	14	4.111-031.0						Adapter 3 to connect the old gun with the new spray lance and new servo regulator	
Adapter 4 TR22IG-D11	15	4.111-032.0						Adapter 4 to connect the new gun with the old swivel hose	
Adapter 5 TR22IG-M22AG	16	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	17	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	18	4.111-035.0						Adapter 7 to connect the old spray lance with the new nozzle	
Adapter 8 TR20IG-M18AG	19	4.111-036.0						Adapter 8 to connect the new spray lance with the old nozzle	

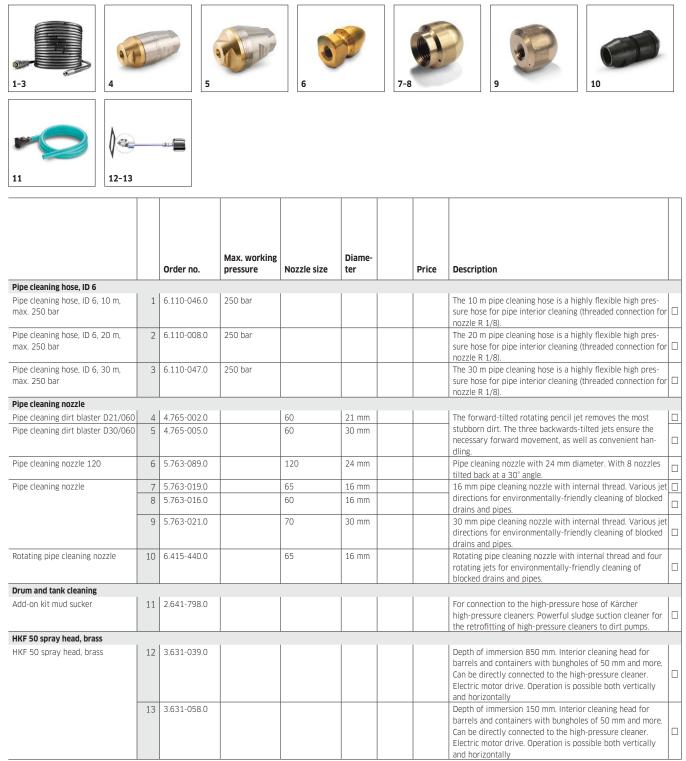
EASY!Lock 22 IG - M22 x 1.8 AG Included in the scope of supply.  $\Box$  Available accessories.  $\blacktriangle$  Extension hose.

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4.111-046.0

Adapter 12 rotary coupling

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■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HD 17/14-4 S Plus, 1.286-915.0, 2021-04-20

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					Diame-			
		Order no.	Flow rate	Nozzle size	ter	Price	Description	
FR 30 Me surface cleaner				1	1 1			
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 ceram- ic bearings, push handle, non-marking swivel castors and detergent dosing system.	
Machine-specific nozzle kits for FF	1							
Nozzle kit for surface cleaners	3	2.640-781.0	1300 - 1800 I/h				Machine-specific nozzle kit Kärcher power nozzle for hard surface cleaners	
Machine-specific nozzle kits for FF	v							
Nozzle kit 100 - for FRV	4	2.643-769.0		100			Machine-specific nozzle kit Kärcher power nozzles and jet nozzle for FRV 30 and FRV 50.	
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	ŝ
							steel FRV 30 Me Surface Cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85°C.	
Surface Cleaner FR 50 Me								
FRV 50 Me surface cleaner	7	2.111-024.0					Surface cleaning with automatic suction of the dirty water for very large surfaces - this means the FRV 50 Me. Hot water cleaning up to 85°C. The FRV 50 Me features a tem- perature-resistant 10 m polyurethane suction hose. Addi- tional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 2000 l/h / 85°C	

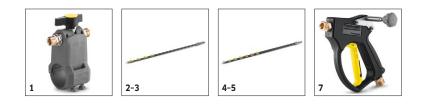
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		Order no.	Flow rate		Price	Description	
Cup foam lance							
Cup foam lance Basic 3	1	4.112-055.0	900 - 2500 l/h			High-quality, simple and durable: Basic 3 cup foam lance for high-pressure cleaners with a flow rate of 900-2500 l/h. Halves the cleaning agent consumption while maintaining optimum foam quality.	
1-litre cleaning agent container for basic foam lance	2	5.071-414.0					
Cup foam lance Advanced 042	3	2.112-018.0				Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its com- pact design.	
1-litre cleaning agent container for advanced foam lance	4	6.414-050.0				Additional 1-litre cleaning agent container for quick replace- ment of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).	C
Inno Foam Kit							
Inno Foam Set with detergent injector	5	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	6	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.	
Foam nozzle mounting kit							
Foam nozzle attachment kit	7	2.112-013.0				Foaming agent kit. The foam nozzle is ideal for use in sani- tary areas and the food industry and wherever long applica- tion times are necessary.	

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		Order no.	Length		Price	Description
Manual hose reel attachment kit		I	1			
Hose reel attachment kit for HP super class	1	2.110-008.0	20 m			Hose reel attachment kit for installation on the machine. For secure and space-saving storage of the high-pressure hose (with a connection hose for the machine HP output). Rotata- ble under pressure with connection 22 x 1.5.
Automatic, self-winding hose reels	for wa	II mounting				
Automatic plastic hose reel incl. high-pressure hose	2	2.639-257.0	15 m			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-coat- ed steel / plastic	3	6.392-074.0	20 m			Automatic hose reel for 20 m high-pressure hose. The con- sole is made from powder-coated steel, the drum is made from plastic.
Automatic stainless steel / syn- thetic material hose drum	4	6.392-083.0	20 m			Automatic hose reel for 20 m high-pressure hose. The con- sole consists of stainless steel, the drum is made from plas- tic.
Automatic hose reel, coated	5	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	6	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).
Automatic hose reel, stainless	7	6.392-076.0	20 m			Automatic stainless steel hose reel. With swivel holder.
steel, includes swivel holder Automatic stainless steel hose reel	8	6.392-122.0	20 m			Suitable for 20 m high-pressure hose. 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.
	9	6.392-442.0	40 m			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	10	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	11	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.



				Inlet tempera-				
		Order no.	Flow rate	ture	Length	Length	Price	Description
Teleskopstangen	·							
TL low pressure adapter	1	4.580-097.0		max. 40 °C				TL low-pressure adapter comprising ball valve for tool-free installation on telescopic lances. Ideal for applications with rotating high-pressure brushes.
Telescopic lance TL 7 F	2	4.762-609.0		max. 60 °C				Telescopic lance TL 7 F with up to 7 m reach made from robust and lightweight glass fibre. With practical quick-re- lease fasteners for simple retraction and extension.
Telescopic lance TL 7 H	3	4.762-610.0		max. 60 °C				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	4	4.762-611.0		max. 60 °C				Up to 10 m reach: hybrid telescopic lance TL 10 H. Compris- ing carbon-glass fibre mix and suitable for multifunctional use. Simple retraction and extension thanks to quick-release fasteners.
Telescopic lance TL 10 C	5	4.762-612.0		max. 60 °C				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	6	4.762-613.0		max. 60 °C				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	7	4.775-154.0		max. 60 °C				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 individu- als.





		Order no.	Nozzle size			Price	Description
Nozzle kits for wet jet unit							· · · · · · · · · · · · · · · · · · ·
Nozzle kit for wet jet unit 100	1	2.112-030.0	100				Consisting of wet jet nozzle and nozzle insert - only for use in combination with wet jet unit 4.115-000.0   4.115-006.0.
Boron carbide nozzle							
Boron carbide, for machines from 1,000 l/h	2	6.415-083.0	8 mm				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.
Included in the scope of supp	lv.	Available acc	essories	xtension hose			





		Order no.			Price	Description	
Attachment kit for transport	-						
Crane loading kit for HD Super class	1	2.640-438.0				Effortless loading by crane.	

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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			