### **HD 10/15-4 CAGE FOOD**

The HD 10/15-4 Cage Food high-pressure cleaner with 150 bar working pressure. All parts coming into contact with water are food safe. This makes it suitable for commercial use in the food industry.













Order no.

1.353-908.0

- Grease-resistant high-pressure hose
- 2 cleaning agent tanks with rinse function
- High-pressure hose in food-industry qualitiy, grey non-marking wheels

Technical data		
EAN code		4054278157924
Power supply	Ph / V / Hz	3 / 400 / 50
Flow rate	l/h	440 - 990
Inlet temperature	°C	max. 85
Working pressure	bar / MPa	20 - 145 / 2 - 14.5
Max. pressure	bar / MPa	175 / 17.5
Connected load	kW	6.4
Colour		anthracite
Weight (with accessories)	kg	78.4
Weight incl. packaging	kg	86.8
Dimensions (L × W × H)	mm	650 × 521 × 1100

Equipment		
Spray gun		EASY!Force Food
High-pressure hose length	m	10
High-pressure hose type		Food design
High-pressure hose specification		DN 8, 400 bar
Stainless steel spray lance	mm	1050
Power nozzle		
Detergent function		5 I
Pressure cut-off		
Closed tubular frame construction with integrated bracket for crane loading		•
Servo Control		
Included in the scope of supply.		

This machine requires instruction.

#### KÄRCHER





### Complies with the most rigorous hygiene requirements

- Non-corrosive stainless steel.
- All parts that come into contact with water are made from special food-grade brass.



#### Particularly effective cleaning

- Advance pressure pump for inlet temperature of up to 85°C.
- Approved for RM 734 chlorinated cleaning agent.



#### Hygiene requirements

- Non-marking and easy to manoeuvre.
- Food-grade, non-marking pressure hose.



























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				Т
		Order no.	Description	
TRIGGER GUNS				
Spray guns				
EASY!Force Food	1	4.118-015.0	Perfect for the food industry: the EASY!Force high-pressure gun with full ceramic valve enables fatigueless working due to virtually zero holding force for the operator.	
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, food, 750 l/h - 1100 l/h	5	4.118-016.0	Water flow and pressure control on the trigger gun. Food-grade, parts in contact with water are stainless steel.	-
SPRAY LANCES				
Rotating spray lances				
Spray lance, 1050 mm, rotatable	6	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	-
LED nozzle light	7	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, 250 mm, rotatable	8	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	
Spray lance, 400 mm, rotatable	9	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	
Spray lance, 600 mm, rotatable	10	4.112-007.0	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	11	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance, 1550 mm, rotatable	12	4.112-018.0	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	13	4.112-021.0	2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance extender, 1000 mm	14	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	

lacksquare Included in the scope of supply.  $\Box$  Available accessories.



























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		Order no.	Description	
SPRAY LANCES				
Double lance				
Double lance, 960 mm	15	2.112-016.0	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	16	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, 1050 mm	17	4.112-035.0	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	18	4.112-057.0	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.	
Gutter cleaner		•		
Gutter cleaning lance	19	2.112-015.0	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	20	4.112-032.0	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	21	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.	
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 25°				П
Power nozzle , 062	22	2.113-012.0	Fan jet nozzle for large-area coverage and stubborn dirt and stains.	
Power nozzle spray angle 15°				Н
Power nozzle 15°, 070	23	2.113-049.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	
HIGH-PRESSURE HOSES				H
Longlife food design with screw connections a	t both	ends		
High-pressure hose food grade Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock	24	6.110-053.0	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.	•
High-pressure hose food grade Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	25	6.110-054.0	Durable high-pressure hose with double steel reinforcement and blue, non-marking and animal fat resistant outer covering. 20 m long with EASY!Lock hand screw connections.	
Longlife 400 with unions on both sides				
High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, $2 \times EASY!Lock$	26	6.110-024.0	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.	
High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, $1 \times EASY!Lock / 1 \times M22 \times 1.5$	27	6.110-069.0	1.5 m long high-pressure hose (DN 8) suitable for up to 400 bar pressure with double steel core. Connections: M $22 \times 1.5$ , as well as the comfortable and quick EASY!Lock manual screw fitting.	
Food industry version with unions on both sid	es			
High-pressure hose food grade, 10 m, ID 8, 250 bar, 2 × EASY!Lock	28	6.110-051.0	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.	























38	39	4	1, 49	42
			Order no.	Description
HIGH-PRESSURE HOSES				
Food industry version v	vith unions on both sid	les		
High-pressure hose food 250 bar, 2 × EASY!Lock		29	6.110-052.0	Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, ANTI!Twist and EASY!Lock hand screw connections.
Special hoses				
High-pressure hose curv bar, 1 $\times$ EASY!Lock / 1 $\times$		30	6.110-068.0	For connection to hose reels: high-pressure hose, with M $22 \times 1.5$ connection and curved EASY!Lock hand screw connection. $1.5$ m long, suitable for up to 400 bar working pressure.
ROTARY NOZZLES (DIRT	BLASTERS)			
Dirt blaster, large				
Dirt blaster, large, 070/	080	31	4.114-030.0	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.
STEAM JET NOZZLE / NO	OZZLE PROTECTOR / RO	DLLOV	ER NOZZLE	
Rollover nozzle holder				
Owner of jets double br	ass	32	4.764-012.0	Rollover nozzle holder for contactless changeover from pencil jet to fan jet as well as low-pressure detergent injection via knurled nut. Without nozzle insert. (Additional type-specific power nozzle).
NOZZLE UNION / SPACE	R			
Nozzle union				
Nozzle screws		33	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Pipe cleaning hose, ID 6	, 10 m, max. 250 bar	34	6.110-046.0	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	35	6.110-008.0	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. 250 bar	36	6.110-047.0	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		<u>'</u>		
Pipe cleaning nozzle		37	5.763-019.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.
Rotating pipe cleaning n	nozzle	38	6.415-440.0	Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.
FLOOR AND HARD SURF	ACE CLEANER			
Hard Surface Cleaner FF	RV 30			
FRV 30 Surface Cleaner		39	2.111-010.0	With the integrated, automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient and can be used in both inside and outside areas. There is no longer a need to rinse the surface after cleaning, since the dirty water can be discharged through the 5 m suction hose supplied. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1000 l/h / 60°C.
Rubber lip for FRV 30		40	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		41	4.440-939.0	5m extension hose for FRV 30. Connection sleeve included.
Hose fastening attachme	ent kit	42	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.

 $<sup>\</sup>blacksquare$  Included in the scope of supply.  $\qed$  Available accessories.



























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		Order no.	Description	
FLOOR AND HARD SURFACE CLEANER				
Hard Surface Cleaner FRV 30				
Dirt trap attachment kit	43	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	44	2.111-013.0	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				
Surface Cleaner FR 50 Me	45	2.111-023.0	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, 850 l/h - 1100 l/h	46	2.640-442.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).	
Machine-specific nozzle kits for FRV		·		
Nozzle kit for FRV, 080	47	2.642-982.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
FRV 30 Me surface cleaner		·		
FRV 30 Me Surface Cleaner	48	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.	
Extension hose FRV 30 Me and FRV 50 Me	49	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	
Surface Cleaner FR 50 Me				
FRV 50 Me surface cleaner	50	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 temperature-resistant 10 m polyurethane suction hose. Additional 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.	
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Advanced 3, 900 l/h - 2500 l/h	51	4.112-065.0	Specially designed for use with aggressive cleaning agents: High-quality cup foam lance Advanced 3 with spray angle adjustment and Ecobrass for high-pressure cleaners from Kärcher.	
Cup foam lance DUO Advanced 3, 900 l/h - 2500 l/h	52	4.112-069.0	DUO Advanced 3 cup foam lance, designed for use with aggressive detergents. With instant switching to high-pressure cleaning, spraying angle adjustment and two-litre tank.	
Cup foam lance Basic 3, 900 l/h - 2500 l/h	53	4.112-055.0	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 cup foam lance basic	54	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	55	6.414-954.0	Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 6.394-668)	
1-litre cleaning agent container for cup foam lance advanced	56	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).	

























		Order no.	Description	
FOAM SYSTEMS				Ė
Inno Foam Kit				Г
Inno Foam Set	57	2.112-008.0	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	58	2.112-011.0	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	59	2.111-019.0	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	60	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.	
MIXERS AND INJECTORS				
Cleaning agent injector				Ļ
Cleaning agent injector for high and low pressure (without nozzles)	61	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)	62	4.637-033.0	Cleaning agent dosage at high pressure 3 - 5 %	
Machine-specific nozzle kit with order no. 4.6	37-03	3.0		
Nozzle kit 750-1000 l/h	63	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				Ī
Nozzle insert up to 1,100 l/h - high pressure	64	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	65	4.769-001.0	For low pressure with machines up to 1.100 l/h	[
QUICK CONNECT	***************************************	1		Ė
Quick coupling	66	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 × 1.5 internal thread.	[
Male coupling	67	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M $22 \times 1.5$ external thread.	[
DRUM AND TANK CLEANING				
Add-on kit mud sucker	68	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.	[
OTHER HP ACCESSORIES				Ī
Coin remote control	69	2.644-029.0	Coin remote control with electronic coin acceptor for connecting a high-pressure cleaner as a pre-wash device. Please have the power outlet and cable provided on site.	
Jet gun	70	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.	[

<sup>☐</sup> Available accessories.





























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		Order no.	Description	
SEALS FOR TRAPEZOIDAL THREAD				
Gasket set with 9x O-rings for TR thread	71	2.880-001.0		
COUPLING PARTS				
Rotary coupling				
Rotary coupling	72	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	73	4.111-022.0	For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) – $1 \times$ M $22 \times 1.5/1 \times$ M $18 \times 1.5$ .	
Y distributor	74	4.111-024.0	Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	
Short spray unit	75	4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). No compatible with triple nozzles.	ot 🗆
EASY!Lock adapter				
Adapter 1 M22AG-TR22AG	76	4.111-029.0	Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	77	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	78	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	
Adapter 4 TR22IG-D11	79	4.111-032.0	Adapter 4 to connect the new gun with the old swivel hose	
Adapter 5 TR22IG-M22AG	80	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	81	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	82	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	
Adapter 8 TR20IG-M18AG	83	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	
Adapter hose extension 9 TR	84	4.111-037.0	Adapter 9 to connect the new hose with the new hose	
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<sup>☐</sup> Available accessories.



























		Order no.	Description	
COUPLING PARTS		Order 110.	Description	L
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		'		Т
Automatic, self-winding hose reels for wall mo	untin	3		
Automatic plastic hose reel incl. high-pressure hose, 15 m	86	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	87	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	88	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	89	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	90	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	91	6.392-076.0	Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
Automatic stainless steel hose reel, 40 m	92	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).	
Zinc-coated swivel holder	93	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	94	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.	
FACADE AND SOLAR PANEL CLEANING		'		
Brushes				
Drive for roller brush 500	95	4.762-584.0	Hydraulic drive for rotating roller brushes. For cleaning façades or solar power installations with our professional high-pressure cleaners. Installation on spray lance or telescopic lance.	
Splash guard for roller brush 500	96	4.762-621.0	Splash guard with velcro fastening for rotating roller brush. Clear view of the brush thanks to transparent film, with protection against splashes at the same time.	
Roller brush 500 soft	97	4.762-623.0	Soft brush attachment for use with hydraulic drive (4.762-584.0). Ideal for glass and solar power installation cleaning. Easy quick-change system and secure mounting on drive.	
Roller brush 500 medium	98	4.762-624.0	Medium-hard brush attachment for use with hydraulic drive (4.762-584.0). Suitable for sensitive façades, foils and fabrics. Easy and safe quick-change system.	

 $<sup>\</sup>hfill \square$  Available accessories.

























		Order no.	Description		
FACADE AND SOLAR PANEL CLEANING					
Brushes					
Roller brush 500 hard	99	4.762-625.0	Hard brush attachment for use with hydraulic drive (4.762-584.0). For rough façades, stone and wooden patios. Safe and easy quick-change system.		
Brush hard	100	6.960-133.0	Brush with hard bristles for cleaning industry facades and floor coverings and removing coarse dirt. Simple installation on telescopic lances or high-pressure lances from Kärcher.		
Brush medium	101	6.960-134.0	Optimally cleans facades, roller shutters and textile fabrics: the brush with medium-hard bristles for fast and simple attachment to telescopic lances or high-pressure lances from Kärcher.		
Brush soft	102	6.960-135.0	For simple installation on telescopic lances or high-pressure lances from Kärcher: brush with soft bristles for deep cleaning of sensitive surfaces such as glass or solar systems.		
Telescopic lances					
TL low pressure adapter	103	4.580-097.0	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	104	4.762-609.0	Telescopic lance TL 7 F with up to 7 m reach made from robust and lightweight glass fibre. With practical quick-release fasteners for simple retraction and extension.		
Telescopic lance TL 7 H	105	4.762-610.0	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	106	4.762-611.0	Up to 10 m reach: hybrid telescopic lance TL 10 H. Comprising carbon-glass fibre mix and suitable for multifunctional use. Simple retraction and extension thanks to quick-release fasteners.		
Telescopic lance TL 10 C	107	4.762-612.0	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	108	4.762-613.0	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	109	4.775-154.0	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 individuals.		
WET BLASTING ATTACHMENT	_	<u>'</u>			
Wet blasting attachment (without nozzle)					
Wet blasting attachment with flow control (without nozzles)	110	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)	111	4.115-006.0	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 065	112	2.112-026.0	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.		
☐ Available accessories.	•				

<sup>☐</sup> Available accessorie





















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		Order no.	Description	
WET BLASTING ATTACHMENT				
Boron carbide nozzle				
Boron carbide nozzle, for machines up to 1,000 l/h	113	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"	114	6.388-455.0	with hose liner	
Geka connector with internal thread, R 1"	115	6.388-458.0	with female thread	
Suction filter				
Water suction filter	116	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	ם
Suction filter with check valve	117	4.730-012.0	Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
WASHING BRUSHES				
Push-on washing brush				
Push-on wash brush	118	4.113-001.0	For universal use for surface cleaning. Mounted using clamp directly at the spray lance. TR thread connection	
Rotating washing brush	•			
Rotating wash brush for > 1000 l/h machines, nylon bristles	119	4.113-002.0	Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to $60^{\circ}$ C, M $18 \times 1.5$ (replaceable brush insert).	
Rotating wash brush for > 800 l/h machines, natural bristles	120	4.113-005.0		
DRUM AND TANK CLEANING				
Barrel and tank cleaning				
Spray head HKF 30/14-E	121	6.751-061.0	Compact interior cleaning head made of stainless steel for cleaning the interiors of drums and containers with openings of 65 mm or more. Offers an impressively low weight and constant rotation speed by means of an electric motor.	

<sup>☐</sup> Available accessories.