

#### HD 10/25-4 S

The HD 10/25-4 S cold water high-pressure cleaner in an upright construction style impresses with EASY!Force high-pressure gun, pressure switch control and Servo Control.

















- 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.
- $\hfill \blacksquare$  Automatic switch-off in case of low voltage range or overvoltage.

#### 4 Outstanding mobility

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

### **TECHNICAL DATA AND EQUIPMENT**





#### HD 10/25-4 S

- Save time and effort: EASY!Force high-pressure gun and EASY!Lock quick-release couplings.
- Water-cooled three-phase motor
- Maximum impact pressure for stubborn dirt

Technical data		
Order No.		1.286-907.0
EAN code		4054278158303
Current type	Ph/V/Hz	3 / 220 / 60
Flow rate	I/h	500-1000
Working pressure	bar / MPa	30-190 / 3-19
Working pressure	PSI	450 / 2750
Max. pressure	bar / MPa	209 / 20.9
Max. inlet temperature	°C	bis zu 60
Connection load	kW	7.5
Weight	kg	62
Dimensions (L × W × H)	mm	560 × 500 × 1090

Equipment				
Spray gun		EASY!Force Advanced	Servo Control	
Spray gun with soft grip			Brass water inlet	
High-pressure hose	m	10		
Spray lance	mm	1050		
Power nozzle		•		
Anti-twist system (AVS)		-		
4-pole, three-phase motor with air and water cooling		•		
Pressure cut-off				
Large water fine filter				
Electronic motor protection with LED display		•		
Oil level indicator		•		
The street and the stations were				

■ Included in delivery.

















		Order No.	ID	Max. working pressure	Length	Price	Description
Standard with unions on both sides							
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 15 m, ANTI!Twist		6.110-030.0	ID 8	315 bar	15 m		15 m long high-pressure hose, ID 8, with ANTI!Twist at both ends with time-saving EASY!Lock hand screw connection.
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 20 m, ANTI!Twist	2	6.110-032.0	ID 8	315 bar	20 m		High-pressure hose (ID 8), 20 m long, with time-saving and robust EASY!Lock hand screw connection at both ends. For up to 315 bar pressure.
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 30 m, ANTI!Twist	3	6.110-014.0	ID 8	315 bar	30 m		Convenient length (30 m) and innovative EASY!Lock hand screw connection: high-pressure hose (ID 8) with ANT!!Twist for up to 315 bar pressure.
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 15 m	4	6.110-042.0	ID 10	220 bar	15 m		With innovative EASY!Lock hand screw connection for up to 220 bar pressure: 15 m long high-pressure hose (ID 10).
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 20 m	5	6.110-043.0	ID 10	220 bar	20 m		Main features of this high-pressure hose (ID 10): 20 m long with extremely time-saving and convenient EASY!Lock hand screw connection at both ends.
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 25 m	6	6.110-044.0	ID 10	220 bar	25 m		Impressive values and basic equipment: high-pressure hose, (ID 10), 25 m long, for up to 220 bar pressure.
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 40 m	. 7	6.110-045.0	ID 10	220 bar	40 m		40 m long high-pressure hose with EASY!Lock system for time-saving hand screw connection (at both ends). (ID) 10, up to 220 bar working pressure.
High-pressure hose, 2 x EASY!Lock, DN 12, 210 bar, 15 m	8	6.110-059.0	ID 12	210 bar	15 m		Suitable for up to 250 bar working pressure: high-pressure hose (ID 12), 15 m long, with convenient EASY!Lock hand screw connection at both ends.
High-pressure hose 2 x EASY!Lock 2x EASY!Lock DN 12, 210 bar, 40 m	9	6.110-060.0	ID 12	210 bar	40 m		With EASY!Lock hand screw connection, 40 m long for wide working radius: high-pressure hose (ID 12) with EASY!Lock hand screw connection at both ends. Suitable for up to 250 bar working pressure.
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 10 m, ANTI!Twist	10	6.110-031.0	ID 8	315 bar	10 m		High-pressure hose (ID 8) suitable for up to 315 bar pressure. High-pressure hose with innovative EASY!Lock hand screw connection at both ends, ANT!Twist, 10 m long.
Longlife 400 with unions on both s	ides						
High-pressure hose Longlife 400, 2 x EASY!Lock, DN 8, 400 bar, 30 m, ANT!!Twist	11	6.110-023.0	ID 8	400 bar	30 m		Durable high-pressure hose with double steel reinforcement, ANT!!Twist and EASY!Lock hand screw connection at both ends. ID 8, 30 m long, for up to 400 bar pressure.
High-pressure hose Longlife 400, 2 x EASY!Lock, DN 8, 400 bar, 20 m, ANTI!Twist	12	6.110-027.0	ID 8	400 bar	20 m		High-pressure hose with ANTI!Twist, EASY!Lock hand screw connections and double steel reinforcement. 20 m long, ID 8, EASY!Lock hand screw connection at both ends.
High-pressure hose Longlife 400, 2 x EASY!Lock, DN 8, 400 bar, 15 m, ANT!!Twist	13	6.110-029.0	ID 8	400 bar	15 m		The double steel reinforcement ensures a long lifetime of this 15 m long high-pressure hose (ID 8), approved for up to 400 bar pressure hose.
High-pressure hose Longlife 400, 2 x EASY!Lock, DN 8, 400 bar, 1.5 m	14	6.110-024.0	ID 8	400 bar	1.5 m		1.5 m short high-pressure hose (ID 8). With convenient EASYILock hand screw connection at both ends for robust and fast connections. Durable, for up to 400 bar pressure.
High-pressure hose Longlife 400, 1 x EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	15	6.110-069.0	ID 8	400 bar	1.5 m		High-pressure hose (ID 8) with double steel reinforcement, 30 m long, suitable for up to 400 bar pressure. Connectors: M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.
High-pressure hose Longlife 400, 2 x EASY!Lock, DN 8, 400 bar, 10 m, ANT!!Twist	16	6.110-038.0	ID 8	400 bar	10 m		Durable, 10 m long high-pressure hose (ID 8) with double steel reinforcement and EASY!Lock hand screw connection at both ends and ANT!!Twist. Approved for 400 bar pressure.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.













				Max. working			
		Order No.	ID	pressure	Length	Price	Description
Food industry version with unions	on bot	h sides					
High-pressure hose, food grade, 2 x EASY!Lock, DN 8, 10 m, AN- T!!Twist	17	6.110-051.0	ID 8	250 bar	10 m		High-pressure hose (ID 8), 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.
High-pressure hose, food grade, 2 x EASY!Lock, DN 8, 20 m, AN- T!!Twist	18	6.110-052.0	ID 8	250 bar	20 m		Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, AN-T!!Twist and EASY!Lock hand screw connections.
Longlife food design with screw cor	nnectio	ons at both ends					
High-pressure hose, food grade, Longlife 400, 2 x EASY!Lock, DN 8, _10 m, ANTI!Twist	19	6.110-053.0	ID 8	400 bar	10 m		With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, AN-T!!Twist and EASY!Lock hand screw connection at both ends.
High-pressure hose, food grade, Longlife 400, 2 × EASY!Lock, DN 8, 20 m, ANTI!Twist	20	6.110-054.0	ID 8	400 bar	20 m		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.
Special hoses							
High-pressure hose, 1 x EASY!Lock curved, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	21	6.110-068.0	ID 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.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.











		Order No.	Flow rate			Price	Description
Trigger guns		'	<u>'</u>	<u>'</u>	'		
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.
Servo control							
Servo Control controller with EASY!Lock	2	4.118-008.0	750-1100 l/h				Water quantity and pressure regulated directly from the hand spray gun.
Quick connect							
Quick coupling	3	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	4	2.115-001.0					Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





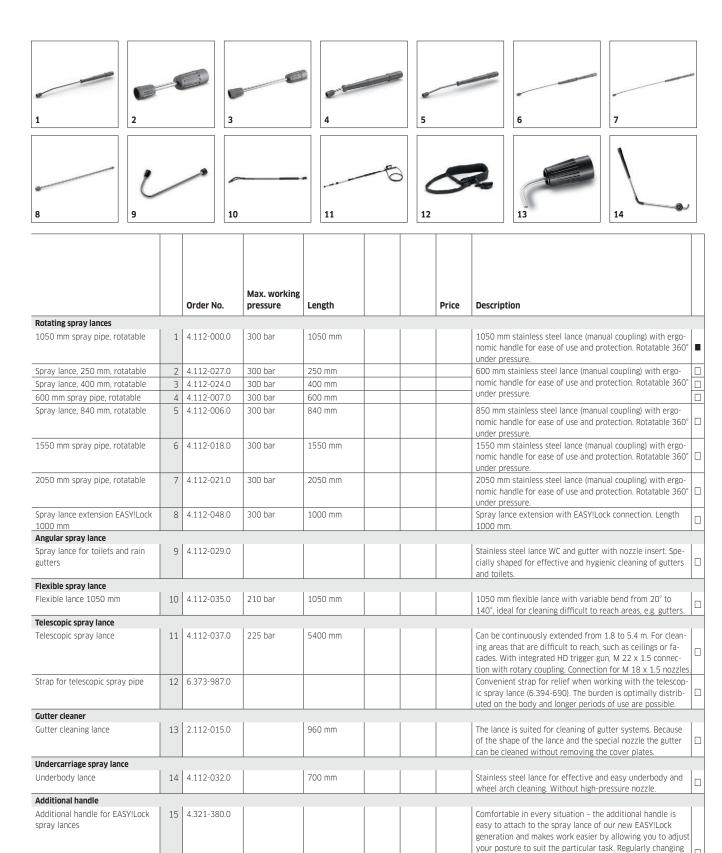
		Order No.	Nozzle size			Price	Description
Power nozzle spray angle 25°			<u>'</u>		'		
Power nozzle spray angle 25°	1	2.113-026.0	60				Fan jet nozzle for large-area coverage and stubborn dirt and stains.
25° power nozzle for cleaning agent suction	2	2.113-020.0	250				Brass power nozzle for low-pressure operation and cleaning agent suction.
HP nozzle spray angle 0°							
High-pressure nozzle with 0° spray angle	3	2.113-036.0	60				Solid jet for very stubborn dirt and stains.
Power nozzle spray angle 15°							
Power nozzle spray angle 15°	4	2.113-048.0	60				Fan jet nozzle for stubborn dirt and stains.
Power nozzle spray angle 40°							
Power nozzle spray angle 40°	5	2.113-056.0	75				Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





<sup>■</sup> Included in delivery.

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.

<sup>☐</sup> Available accessories.





	Order No.				Price	Description	
1	2.640-438.0					Effortless loading by crane.	
2	4.111-024.0						
	1	1 2.640-438.0	1 2.640-438.0	1 2.640-438.0	1 2.640-438.0	1 2.640-438.0	1 2.640-438.0 Effortless loading by crane.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.























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		Order No.	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FRV 30			•	•				
Rubber lip for FRV 30	1	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	2	4.440-939.0					5m extension hose for FRV 30. Connection sleeve included.	
Hose fastening attachment kit	3	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	
Dirt trap attachment kit	4	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	
FRV 30 Surface Cleaner	5	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.	
FR 30 Me surface cleaner		ı		_			,	
Hard Surface Cleaner FR 30 Me	6	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		1		1				
Surface Cleaner FR 50 Me	7	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		2.640-442.0	850-1100 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).	
Machine-specific nozzle kits for FF	1	1		1 .			1	
Nozzle kit 050 - for FRV	9	2.642-433.0		50			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
FRV 30 Me surface cleaner Extension hose FRV 30 Me and FRV 50 Me	10	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	
FRV 30 Me Surface Cleaner	11	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.	
Surface Cleaner FR 50 Me			_	_				
Surface Cleaner FRV 50 Me	12	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	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.































		Order No.			Price	Description	
Nozzle union							
Nozzle screws	1	4.112-011.0				Nozzle screws with protectors for high-pressure and power nozzles	
Rotary coupling				1		I	
Rotary coupling	2	4.111-021.0				Reliably prevents twisting of HP hoses. Connection M 22 x 1.5 m. Handle protection	
Coupling							Ī
Connector	3	4.111-037.0				For connecting and extending HP hoses, 2 x M 22 x 1.5 m connection, brass with rubber protection	
Connector							
Screw socket for Surface Cleaner and Servo Control controller	4	4.111-022.0				For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) - $1 \times M 22 \times 1.5/1 \times M 18 \times 1.5$ .	
Short spray unit	5	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							
Adapter 1 M22 x 1.5 AG - EASY!Lock 22 AG	6	4.111-029.0				Adaptor for connecting pressure hoses with EASY!Lock and pressure hoses with M 22×1.5 connection.	
Adapter 2 M22 x 1.5 IG - EASY!Lock 22 AG	7	4.111-030.0				Adaptor for connecting high-pressure cleaners or high-pressure guns with M 22×1.5 connection and pressure hoses with EASY!Lock.	-
Adapter 3 M22 x 1.5 IG - EASY!Lock 22 AG	8	4.111-031.0				Adaptor for connecting high-pressure guns with M 22×1.5 connection and spray lances or Servo Control controllers with EASY!Lock.	
Adapter 4 EASY!Lock 22 IG - AVS	9	4.111-032.0				Adaptor for connecting pressure hoses with AVS swivel connection and EASY!Force high-pressure gun.	
Adapter 5 EASY!Lock 22 IG - M22 x 1.5 AG	10	4.111-033.0				Adaptor for connecting EASY!Force high-pressure gun and spray lances with M 22 × 1.5 connection.	
Adapter 6 EASY!Lock 22 IG - M22 x 1.5 AG	11	4.111-034.0				Adaptor for connecting pressure hoses with M 22×1.5 connection and EASY!Force high-pressure gun or high-pressure cleaners with EASY!Lock.	-
Adapter 7 M18 x 1.5 IG - EASY!Lock 20 AG	12	4.111-035.0				Adaptor for connecting spray lances with M 18 × 1.5 connection and nozzles, surface cleaners or wash brushes with EASY!Lock.	-
Adapter 8 EASY!Lock 20 IG - M18 x 1.5 AG	13	4.111-036.0				Adaptor for connecting nozzles, surface cleaners or wash brushes with M 18 × 1.5 connection and spray lances with EASY!Lock.	
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 x 1.8 AG	14	4.111-046.0					
Cleaning agent injector							ľ
Stainless steel injector kit for HD 10/25-4S	15	6.645-761.0				Stainless steel injector for cleaning agent and foam applica- tions. Specifically for the HD 10/25-4 S High-pressure clean er. For precise cleaning agent dosage.	
Dosing valve for stainless steel injector	16	6.500-000.0				Retrofittable dosing valve for stainless steel injectors. For easy, convenient and precise cleaning agent dosing adjustment via a control knob.	
Cleaning agent injector for high pressure (without nozzle)	17	3.637-170.0				Cleaning agent dosage at high pressure 3 - 5 %	
Cleaning agent injector for high and low pressure (without nozzles)	18	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)	19	4.637-033.0				Cleaning agent dosage at high pressure 3 - 5 %	1





		Order No.			Price	Description	
Machine-specific nozzle kit with or	der no	. 4.637-033.0					
Nozzle kit 750-1000 l/h	20	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	21	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	22	4.769-001.0				For low pressure with machines up to 1.100 l/h	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.

























		1		1	,			
		Order No.	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Barrel and tank cleaning								
Barrel cleaner BC 14/12	1	2.112-020.0					Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment performance. Only in combination with wet blasting attachmen 4.115-000.0   4.115-006.0.	t
HKF 50 spray head, brass		ı					_	
HKF 50 spray head, brass	2	3.631-039.0					Depth of immersion 850 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally	
	3	3.631-058.0					Depth of immersion 150 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally	
Nozzle kit for spray head HKF 50 (3	.631-0	009.0 / 3.631-03	9.0)					
Nozzle 045 for 2-nozzle operation HKF 50	4	6.415-446.0		45			Nozzle for dual-nozzle operation	
Nozzle 090 for 1-nozzle operation HKF 50	5	6.415-447.0		90			Nozzle for single-nozzle operation	
Cone for plugging into bungholes	6	4.132-002.0					Cone for plugging into bungholes	
Double grip for precise control of spray head	7	2.863-036.0					Double handle. Precise control of the spray head	
Screw plug for using a spray head with one nozzle	8	5.411-061.0					Screw plug for using a spray head with one nozzle	
Pipe cleaning hose, ID 6				1			_	
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	9	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).	r 🗆
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	10	6.110-008.0	250 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).	r 🗆
Pipe cleaning hose, ID 6, 30 m, max. 250 bar	11	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).	r 🗆
Pipe cleaning nozzle								
Pipe cleaning dirt blaster D 25 / 060	12	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	
Pipe cleaning dirt blaster D 30 / 060	13	6.415-947.0		60	30 mm		necessary forward movement, as well as convenient handling.	
Pipe cleaning dirt blaster D 35 / 060	14	6.415-949.0		60	35 mm			
Pipe cleaning nozzle 080	15	5.763-087.0		80	25 mm		Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	
Pipe cleaning nozzle	16	5.763-019.0		65	16 mm		16 mm pipe cleaning nozzle with internal thread. Various je	
	17	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	18	5.763-021.0		70	30 mm		30 mm pipe cleaning nozzle with internal thread. Various je directions for environmentally-friendly cleaning of blocked drains and pipes.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





		Order No.	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Rotating pipe cleaning nozzle	19	6.415-440.0		65	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	

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









		Order No.	Max. working pressure	Nozzle size		Price	Description
Triple nozzles							
Triple nozzle 060	1	4.117-040.0	300 bar	60			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For machines with an injector, the low-pressure flat stream is useful for cleaning agent suction and application. Connection M 18 x 1.5.
Angled vario nozzle 0-90°							
Angled Vario nozzle 0-90°	2	4.113-007.0		50			Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.
Dirt blaster, large							
Dirt blaster, large	3	4.114-027.0	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 No.	Nozzle size			Price	Description	
Wet blasting attachment (without r	ozzle)		•	'	'			
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0					Paint, rust and scale removal made easy: Kärcher wet blast- ing attachment with flow control for adding blasting abra- sive 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 blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet. Without flow control.	
Nozzle kits for wet jet unit								
Nozzle kit for wet jet unit 050	3	2.112-023.0	50				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 .	
Boron carbide nozzle								
Boron carbide, for machines from 1,000 l/h	4	6.415-083.0	8 mm				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	

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

















		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.	
Cup foam lance Advanced 025	2	2.112-017.0					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 foam lance	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).	
	4	6.414-954.0					Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 6.394-668)	
Inno Foam Kit								,
Inno Foam Set with detergent	5	2.640-151.0					High-pressure foam system with double lance (foam nozzle	
injector	6	2.112-000.0					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	8	2.640-688.0	700-1000 l/h				Nozzle kit contains Kärcher power nozzles and nozzle in-	
700-1,000 l/h	9	2.111-019.0	700-1000 l/h				serts. For Inno/Easy-Foam set 700-1000 I/h. For optimal foam system performance.	
Foam nozzle mounting kit				1				
Foam nozzle attachment kit	10	2.637-926.0					Foaming agent kit. The foam nozzle is ideal for use in sani-	
	11	2.112-013.0					tary areas and the food industry and wherever long application times are necessary.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





















		Order No.	Length		Price	Description	
Manual hose reel attachment kit							
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). Rotatable under pressure with connection 22 x 1.5.	П
Automatic, self-winding hose reels	for wa	II mounting					
Automatic hose reel, powder-coated steel / plastic	2	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.	
Automatic stainless steel / syn- thetic material hose drum	3	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.	
Automatic hose reel, coated	4	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	5	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).	П
Automatic hose reel, stainless steel, includes swivel holder	6	6.392-076.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
Automatic stainless steel hose reel	7	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.	
	8	6.392-442.0	40 m				
Powder-coated swivel holder	9	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	10	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.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.











		Order No.	Flow rate	Inlet tempera-	Longth	Longth	Duise	Parasistica
Colon alexaño a deleveraño la con-		Order No.	Flow rate	ture	Length	Length	Price	Description
<b>Solar cleaning - telescopic lances</b> iSolar TL 14 C (without hose)	1	4.110-002.0		max. 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.
iSolar TL 10 C (without hose)	2	4.110-007.0		max. 60 °C				The full carbon telescopic lance offers maximum rigidity with minimal weight. It has a reach of up to 10 m and is fitted with practical quick-release couplings – for convenient extension and retraction. The speed is regulated via ball tap, [guaranteeing easy handling. For occupational safety reasons, the lowest lance element is made from a carbon-fibreglass mixture for electrical insulation.
iSolar TL 10 H (without hose)	3	4.110-003.0		max. 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		max. 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.
iSolar HP hose 7	5	6.392-978.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.
iSolar HP hose 10	6	6.392-977.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.
iSolar HP hose 14	7	6.392-976.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.

<sup>■</sup> Included in delivery.

<sup>☐</sup> Available accessories.

<sup>▲</sup> Extension hose.









		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 $18 \times 1.5$
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
Rotating wash brush for > 800 l/h machines, natural bristles	3	4.113-005.0	800-1300 l/h			60°C, M 18 x 1.5 (replaceable brush insert).

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.

















		Order No.	Length	Diameter		Price	Description	
Geka coupling		ı			 			Ť
Geka connector with hose barb, R 3/4"	1	6.388-455.0					with hose liner	
Geka connector with hose barb, R 1"	2	6.388-465.0					with hose barb	
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 filte casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve	r
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								
Water fine 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 fine filter, 100 μm, R 1"	7	2.638-270.0					Fine-mesh water filter, 100 µm, max. temperature 60°C. Connects to high-pressure cleaner. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connector 1".	
Water supply hose								
Water supply hose	8	4.440-207.0	7.5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	[
	9	4.440-270.0	7.5 m				NW 19 R1" / R1", up to 85 °C	
Backflow check valve Backflow preventer	10	2.641-374.0					To prevent detergent getting into the drinking water cycle i case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakag protection	l