KARCHER



HD 9/20-4 MX Plus

Cold-water high-pressure cleaner with tough 4-pole low-speed three-phase motor, Dirt blaster nozzle and integrated high-pressure hose reel.

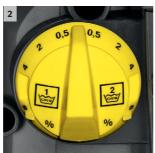
















- 1 Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.
- At last work without getting tired: the EASY!Force high-pressure
- EASY!Lock quick-release locks: durable and robust. And five times faster than screws.
- 2 Switch-CHEM
- For accurate and variable cleaning agent dosing.
- 2-way dosing valve for cleaning agent changeover.

- 3 Powerful and durable
- Air-water-cooled electric motors for intensive use.
- 4-pole low-speed electric motor.
- 4 Outstanding mobility
- Large wheels for uneven surfaces.
- Upright design for easy, ergonomic transport.

TECHNICAL DATA AND EQUIPMENT.





HD 9/20-4 MX Plus

- Air/water-cooled motor
- Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.
 3-piston pump with ceramic pistons

Technical data		
Order Number		1.524-927.0
EAN code		4054278167343
Current type	Ph / V / Hz	3 / 400 / 50
Flow rate	I/h	460-900
Operating pressure	bar / MPa	40-200 / 4-20
Max. pressure	bar / MPa	220 / 22
Max. water feed temperature	°C	bis zu 60
Power rating	kW	7
Weight	kg	50
Dimensions (L x W x H)	mm	467 × 407 × 1010

Equipment		
Trigger gun		EASY!Force
High-pressure hose	m	15
Spray lance	mm	1050
Triple nozzle (0°/25°/40°)		Manual
Dirt Blaster spray lance		1
Integral high-pressure hose reel		1
Anti-twist system (AVS)		
Pressure switch control		1
Servo Control		-

■ Included in delivery.





















		Order Number	ID	Max. working pressure	Length	Price	Description
Standard with unions on both sides							
High-pressure hose, 10 m DN 8, AVS trigger gun connector	1	6.110-031.0	ID 8	315 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.
High-pressure hose, 15 m DN 8, AVS trigger gun connector	2	6.110-030.0	ID 8	315 bar	15 m		15 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.
High-pressure hose, 20 m DN 8, AVS trigger gun connector	3	6.110-032.0	ID 8	315 bar	20 m		20 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.
High-pressure hose, 30 m DN 8, including rotary coupling	4	6.110-014.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5
High-pressure hose, 15 m DN 10, 220 bar, extension	5	6.110-042.0	ID 10	220 bar	15 m		15 m high-pressure hose M 22 x 1.5) with kink protection and threaded couplings at both ends. Further data: DN 10/155°C/220 bar.
High-pressure hose, 20 m DN 10, 220 bar, extension	6	6.110-043.0	ID 10	220 bar	20 m		with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar
High-pressure hose, 25 m DN 10, extension, not rotatable	7	6.110-044.0	ID 10	220 bar	25 m		
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m		
Hose assembly premium DN12 21MPa 15m	9	6.110-059.0	ID 12	210 bar	15 m		High-pressure hose for water volumes greater than 1,800 l $_{\rm I}$ h. With union on both sides. 2x M 22 x 1.5 with anti-kink
Hose assembly premium DN12 21MPa 40m	10	6.110-060.0	ID 12	210 bar	40 m		protection.
onglife 400 with unions on both si				,			
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup- ing	11	6.110-023.0	ID 8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5
High-pressure hose Longlife 400, 20 m, DN 8, extension	12	6.110-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5
ligh-pressure hose Longlife 400, 5 m, DN 8, including rotary coup- ing	13	6.110-029.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5
Standard							
High-pressure hose, 15 m DN 8, AVS trigger gun connector	14	6.110-033.0	ID 8	315 bar	15 m		15 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling, Further data: DN 8/155°C/315 bar.

 $[\]blacksquare$ Included in delivery. $\hfill\Box$ Available accessories. $\hfill \blacktriangle$ Extension hose.











		Order Number	Flow rate		Price	Description
Trigger guns						
Extended easy press trigger gun	1	4.118-005.0				Extended easy press high-pressure trigger gun for high- pressure hoses with rotating connector.
Servo Control						
Servo control	2	4.118-008.0	750-1100 l/h			
Quick connect						
Quick-fitting pipe union coupler	3	2.115-000.0				
trapezo						
Quick-fitting pipe union plug nipp- le tra	4	2.115-001.0				[

[■] Included in delivery.

Available accessories.

Extension hose.









		Order Number	Max. working pressure	Nozzle size		Price	Description
Triple nozzles		<u> </u>	·				
Triple nozzle 050	1	4.117-037.0	300 bar	50			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, large							
Dirt blaster - without changeover function	2	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.
Angle vario nozzle 0°-90°							
Spezial nozzle 0005	3	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.

[■] Included in delivery.

Available accessories.

Extension hose.





		1						1	_
		Order Number	Max. working	Length		Pri	ice	Description	
		Order Homber	pressure	Lengui			ice	Description	
Rotating spray lances		ı							
1050 mm lance, rotatable, ergono-	1	4.112-000.0	300 bar	1050 mm				1050 mm stainless steel lance (manual coupling) with ergo-	
mic								nomic handle for ease of use and protection. Rotatable 360 under pressure.	
Lance 250 mm, non-rotatable	2	4.112-027.0	300 bar	250 mm				under pressure.	
550 mm lance, non-rotatable	3	4.112-027.0	300 bar	400 mm				-	H
Rotatable lance, 600 mm, ergono-	4	4.112-024.0	300 bar	600 mm				600 mm stainless steel lance (manual coupling) with ergono	+
mic	4	4.112-007.0	300 bai	600 11111				mic handle for ease of use and protection. Rotatable 360°	
Title								under pressure.	_
Lance 850 mm, rotatable, ergono-	5	4.112-006.0	300 bar	840 mm				850 mm stainless steel lance (manual coupling) with ergono	-
mic								mic handle for ease of use and protection. Rotatable 360°	
								under pressure.	
Lance 1550 mm, rotatable, ergo-	6	4.112-018.0	300 bar	1550 mm				1550 mm stainless steel lance (manual coupling) with ergo-	
nomic								nomic handle for ease of use and protection. Rotatable 360	14
Lance 2050 mm, rotatable, ergo-	7	4.112-021.0	300 bar	2050 mm				under pressure. 2050 mm stainless steel lance (manual coupling) with ergo-	
nomic	/	4.112-021.0	300 Dai	2030 111111				nomic handle for ease of use and protection. Rotatable 360	. -
Hornic								under pressure.	"
Double lance		•				<u> </u>			
Double lance 960 mm	8	6.394-665.0	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	ı								
WC and gutter lance	9	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								and tonets.	
Flexible lance 1050 mm	10	4.112-035.0	210 bar	1050 mm	1 1			1050 mm flexible lance with variable bend from 20° to	I
Trexible fairee 1050 fffff	10	4.112 055.0	210 501	1030 11111				140°, ideal for cleaning difficult to reach areas, e.g. gutters.	
Telescopic spray lance						<u> </u>			
Telescopic jet pipe	11	4.112-037.0	225 bar	5400 mm					\Box
Restraint belt for telescopic jet	12	6.373-987.0						Convenient strap for relief when working with the telesco-	
pipe								pic spray lance (6.394-690). The burden is optimally distri-	
								buted on the body and longer periods of use are possible.	
Gutter cleaner	ı	1						1	
Gutter cleaning lance	13	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	
Undercarriage spray lance								can be cleaned without removing the cover plates.	
Underbody lance	14	4.112-032.0		700 mm	1			Stainless steel lance for effective and easy underbody and	
onderbody funce	14	7.112 032.0		, 00 mill				wheel arch cleaning. Without high-pressure nozzle.	
Additional handle						<u> </u>		The second secon	,
	15	4.321-380.0							





		Order Number			Price	Description	
Y distributor							
Y distributor	1	4.111-024.0					

[■] Included in delivery.

Available accessories.

Extension hose.























		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FRV 30								
Add-on kit rubber lip	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.	
Add-on kit hose attachment	3	2.642-528.0						
Add-on kit dirt trap	4	2.642-532.0						
FRV 30	5	2.111-010.0						
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	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								
FR 50 surface cleaner	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 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) 850 - 1100 l/h	8	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	RV							
Nozzle kit 050 for FRV 30	9	2.642-433.0		50				
Hard surface cleaner FRV 30 Me								
Suction hose FRV 30 me	10	4.441-040.0						
FRV 30 ME	11	2.111-012.0						
Surface Cleaner FR 50 Me								
	12	2.111-024.0						

[■] Included in delivery.

Available accessories.

Extension hose.































Nozzle union	112-011.0 987-705.0 111-021.0 111-022.0 111-038.0 111-029.0 111-030.0		PI	high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	rotary coupling prevents twisting and kinking of essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highelenses. With rubber protection. Connector: 2x M 22
Nozzle union	1112-011.0		PI	Kärchei high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	rotary coupling prevents twisting and kinking of essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highehoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highenozzles and accessories to the high-pressure trig-(with nozzle connector). Connectors: 1x M 22 x 1.5
Nozzle union	1112-011.0		PI	Kärchei high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	rotary coupling prevents twisting and kinking of essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highehoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highenozzles and accessories to the high-pressure trig-(with nozzle connector). Connectors: 1x M 22 x 1.5
Nozzle union	1112-011.0		PI	Kärchei high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	rotary coupling prevents twisting and kinking of essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highehoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highenozzles and accessories to the high-pressure trig-(with nozzle connector). Connectors: 1x M 22 x 1.5
Nozzle union	1112-011.0		Pi	Kärchei high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	rotary coupling prevents twisting and kinking of essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highehoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highenozzles and accessories to the high-pressure trig-(with nozzle connector). Connectors: 1x M 22 x 1.5
Protection part TR only for replacement	111-021.0 111-037.0 111-037.0 111-022.0 111-038.0 111-029.0			high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highe hoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highe nozzles and accessories to the high-pressure triguith nozzle connector). Connectors: 1x M 22 x 1.5
Coupling parts 2 6.98 Rotary coupling 3 4.11 Coupling 3 4.11 Coupling 4 4.11 Coupler -2xM22x1,5 4 4.11 Connector Nozzle connector/screw connector 5 4.11 Adapter EASYILock 6 4.11 Adapter 1 M22AG-TR22AG 7 4.11 Adapter 2 M22IG-TR22AG 8 4.11 Adapter 3 M22IG-TR22AG 9 4.11 Adapter M22 - Swivel 10 4.11 Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11	111-021.0 111-037.0 111-037.0 111-022.0 111-038.0 111-029.0			high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highe hoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highe nozzles and accessories to the high-pressure triguith nozzle connector). Connectors: 1x M 22 x 1.5
Rotary coupling	111-021.0 111-037.0 111-022.0 111-038.0 111-029.0			high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highe hoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highe nozzles and accessories to the high-pressure triguith nozzle connector). Connectors: 1x M 22 x 1.5
Rotary coupling 3 4.11	111-021.0 111-037.0 111-022.0 111-038.0 111-029.0			high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highe hoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highe nozzles and accessories to the high-pressure triguith nozzle connector). Connectors: 1x M 22 x 1.5
Rotary coupling	111-037.0 111-022.0 111-038.0			high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highe hoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highe nozzles and accessories to the high-pressure triguith nozzle connector). Connectors: 1x M 22 x 1.5
Coupling Coupler - 2xM22x1,5	111-037.0 111-022.0 111-038.0			high-pr m. With Brass d pressur x 1.5 m Nozzle pressur ger gun	essure hoses for ease of use. Connector M 22 x 1.5 grip protection. ouble connector for connecting and extending highe hoses. With rubber protection. Connector: 2x M 22 connector/screw connector for connecting highe nozzles and accessories to the high-pressure triguith nozzle connector). Connectors: 1x M 22 x 1.5
Coupler -2xM22x1,5 4 4.11 Connector Nozzle connector/screw connector 5 4.11 Adapter EASY!Lock Adapter 1 M22AG-TR22AG 7 4.11 Adapter 2 M22IG-TR22AG 8 4.11 Adapter 3 M22IG-TR22AG 9 4.11 Adapter M22 - Swivel 10 4.11 Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11	111-022.0 111-038.0 111-029.0			pressur x 1.5 m Nozzle pressur ger gun	e hoses. With rubber protection. Connector: 2x M 22 . connector/screw connector for connecting high- e nozzles and accessories to the high-pressure trig- (with nozzle connector). Connectors: 1x M 22 x 1.5
Connector Nozzle connector/screw connector 5 4.11 Adapter EASY!Lock Adapter 1 M22AG-TR22AG 7 4.11 Adapter 2 M22IG-TR22AG 8 4.11 Adapter M22 - Swivel 10 4.11 Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11	111-022.0 111-038.0 111-029.0			pressur x 1.5 m Nozzle pressur ger gun	e hoses. With rubber protection. Connector: 2x M 22 . connector/screw connector for connecting high- e nozzles and accessories to the high-pressure trig- (with nozzle connector). Connectors: 1x M 22 x 1.5
Nozzle connector/screw connector	111-038.0			pressur ger gun	e nozzles and accessories to the high-pressure trig- (with nozzle connector). Connectors: 1x M 22 x 1.5
Adapter EASY!Lock Adapter 1 M22AG-TR22AG 7 4.11 Adapter 2 M22IG-TR22AG 8 4.11 Adapter 3 M22IG-TR22AG 9 4.11 Adapter M22 - Swivel 10 4.11 Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11	111-038.0			pressur ger gun	e nozzles and accessories to the high-pressure trig- (with nozzle connector). Connectors: 1x M 22 x 1.5
Adapter EASY!Lock Adapter 1 M22AG-TR22AG 7 4.11 Adapter 2 M22IG-TR22AG 8 4.11 Adapter 3 M22IG-TR22AG 9 4.11 Adapter M22 - Swivel 10 4.11 Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11	111-029.0			0110 11	11 10 X 1.5.
Adapter 1 M22AG-TR22AG 7 4.11 Adapter 2 M22IG-TR22AG 8 4.11 Adapter 3 M22IG-TR22AG 9 4.11 Adapter M22 - Swivel 10 4.11 Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11					
Adapter 2 M22IG-TR22AG 8 4.11 Adapter 3 M22IG-TR22AG 9 4.11 Adapter M22 - Swivel 10 4.11 Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11					
Adapter 3 M22IG-TR22AG 9 4.11 Adapter M22 - Swivel 10 4.11 Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11	111-030 0				
Adapter M22 - Swivel 10 4.11 Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11	111 000.0				
Adapter 5 TR22IG-M22AG 11 4.11 Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11	111-031.0				
Adapter 6 TR22IG-M22AG 12 4.11 Adapter 7 M18IG-TR20AG 13 4.11	111-032.0			high-pr	1,5female and swivel connection. For extension of essure hoses with AVS connection or for usage of the pic lance with a high-pressure hose with AVS connec-
Adapter 7 M18IG-TR20AG 13 4.11	111-033.0				
	111-034.0				
Adaptor 9 TP20IC-M19AC 1.4 4.11	111-035.0				
Adapter 6 11/2010-19/10/Ad 14 4.11	111-036.0				
HP detergent injector					
Detergent injector for high pressure 4.63 re	537-033.0			Cleanin	g agent dosage at high pressure 3 - 5 %
Machine-specific nozzle kit with order no. 3.63	537-170				
Machine-specific nozzle kit with order no. 3.637-170.0 750-1000 1/h 16 4.76	769-047.0				/HDS 750 - 1000 l/h. Consists of nozzle insert + HP nozzle + union
Nozzle insert with order no. 3.637-001	'	·			
Nozzle insert for Order No. 3.637- 001, high-pressure for machines up to 1100 l/h.	769-003.0			pressur	insert for detergent injector 3.637-001 for high- e detergent application. For high-pressure cleaners water flow rate up to 1100 l/h.
Low pressure for units rated up to 18 4.76			1		pressure with machines up to 1.100 l/h

























		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Barrel and tank cleaning				1				
	1	2.112-020.0						
HKF 50 spray head, brass								
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							
Nozzle kit for HKF 50 spray head (3		1	9.0)	ı				
Nozzle 030 for dual nozzle opera- tion HKF 50	4	6.415-444.0		30			Nozzle for dual-nozzle operation	
Cone for plugging into bungholes	5	4.132-002.0					Cone for plugging into bungholes	
Double handle for exact control of the spray head	6	2.863-036.0					Double handle. Precise control of the spray head	
Screw plug for using a spray head with one nozzle	7	5.411-061.0					Screw plug for using a spray head with one nozzle	
Pipe cleaning hose, ID 6								
Hose assembly TR pipe cleaning DN6 max.2	8	6.110-046.0	250 bar					
Pipe cleaning hose, DN 6, 20 m, 220 bar	9	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).	
Hose assembly TR pipe cleaning DN6 max.2	10	6.110-047.0	250 bar					
Pipe cleaning nozzle								
Drain cleaning dirt blaster D 25/060	11	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	12	6.415-947.0		60	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/060	13	6.415-949.0		60	35 mm			
Pipe cleaning nozzle	14	5.763-019.0		65	16 mm		16 mm pipe cleaning nozzle with internal thread. Various je	et 🗆
	15	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	16	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.	
Rotating pipe cleaning nozzle	17	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.	

[■] Included in delivery.

Available accessories.

Extension hose.





		Order Number	Nozzle size		Price	Description
HP nozzle spray angle 0°						
High-pressure nozzle spray angle °0	1	2.113-034.0	50			High-pressure nozzle with powerful jet for extremely stubborn dirt.
Power nozzle spray angle 15°					•	
Power nozzle spray angle 15°	2	2.113-047.0	55			Fan jet nozzle with 15° spray angle suitable for stubborn dirt.
Power nozzle spray angle 25°						
Power nozzle spray angle 25°	3	2.113-023.0	50			Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.
Power nozzle spray angle 40°						
Power nozzle spray angle 40°	4	2.113-055.0	55			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

[■] Included in delivery.

Available accessories.

Extension hose.







		Order Number	Nozzle size		Price	Description
Wet blasting attachment (without r	ozzle)				l	
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0				Paint, rust and scale removal made easy: Kārcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0				Paint, rust and scale removal made easy: Kārcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet. Without flow control.
Boron carbide nozzle						
Boron carbide nozzle, for machines as of 1000 l/h	3	6.415-084.0	6 mm			In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

[■] Included in delivery.

Available accessories.

Extension hose.













		Order Number	Flow rate		Price	Description
Cup foam lance						
Packing complete for 6.394-968.0	1	2.112-017.0				
Tank 1L	2	6.414-954.0				
Inno Foam Set						
Inno foam kit with detergent injector	3	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	4	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 Inno/Easy kit 700 - 1000 I/h	5	2.111-019.0	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	2.112-013.0				Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long application times are necessary.

[■] Included in delivery.

Available accessories.

Extension hose.

















		Order Number	Length			Price	Description
Automatic, self-winding hose reels		•		•			'
Add-on kit hose reel plastics	1	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	2	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	3	6.392-106.0	20 m				Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.
	4	6.392-105.0	20 m				
Hose reel, automatic, 20 m, stainless steel	5	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	6	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.
Swivel holder	7	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.
ABS wall fastening stainless steel	8	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.

[■] Included in delivery.

Available accessories.

Extension hose.











		1						
		Order Number	Flow rate	Water feed	Longth	Longth	Price	Description
		Order Norriber	riow rate	temperature	Length	Length	Price	Description
Solar cleaning - telescopic lances								
Telescopic rod complete 14m	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.
Telescopic rod complete 10m CFK	2	4.110-007.0		max. 60 °C				
Telescopic rod complete 10m	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.
Hose solar	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.
	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.
	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.

[■] Included in delivery.

Available accessories.

Extension hose.











		1		1				
		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.	
Push-on wash brush, M 18 x 1.5	2	4.113-001.0					Push-on wash brush for universal use. Simply push on to lance. Connector: M 18×1.6 .	
Rotating washing brush								
	3	4.113-002.0	800-1300 l/h					
	4	4.113-005.0	800-1300 l/h					

[■] Included in delivery.

Available accessories.

Extension hose.

















		Order Number	Length	Diameter		Price	Description	
Geka coupling								
With hose nozzle, R 1"	1							
Hose coupling	2	6.388-458.0					with female thread	
Suction filter								
Water filter	3	6.414-956.0						
Suction filter with check valve	4	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	5	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".	
Fine-mesh water filter, 100 µm, R 1"	6	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	7	4.440-207.0	7,5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
	8	4.440-270.0	7,5 m				NW 19 R1" / R1", up to 85 °C	
Backflow check valve								
Backflow preventer	9	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	

[■] Included in delivery.

Available accessories.

Extension hose.