KARCHER



HD 7/10 CXF

Cold-water high-pressure cleaner for daily commercial use in the food industry.

















- 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 gun.
- EASY!Lock quick-release locks: durable and robust. And five times faster than screws.
- 2 Hygiene requirements
- Water inlet temperature up to 80°C.
- Abrasion-resistant grey wheels.

- 3 Booster pump
- Cleaning agent intake system for removing stubborn dirt.
- lacksquare Booster pump with pressure tank
- 4 Servo Control
- Pressure washer

TECHNICAL DATA AND EQUIPMENT.





HD 7/10 CXF

- For sensitive sanitary, hygiene and food areasGrey, non-marking wheels

Technical data		
Order Number		1.151-906.0
EAN code		4054278164823
Current type	Ph / V / Hz	3 / 400 / 50
Flow rate	l/h	250-700
Operating pressure	bar / MPa	10-100 / 1-10
Max. pressure	bar / MPa	120 / 12
Max. water feed temperature	°C	80
Power rating	kW	4,5
Weight	kg	31,3
Dimensions (L x W x H)	mm	360 × 375 × 925

Equipment		
High-pressure hose	m	15 / Food industry version
Spray lance	mm	840
Triple nozzle (0°/25°/40°)		Manual
High-pressure hose drum		I
Anti-twist system (AVS)		
Pressure switch control		1
Infinitely variable pressure and water flow control on the unit		•
Servo Control		-

■ Included in delivery.









		Order Number	ID	Max. working pressure	Length	Pric	e Description
Food industry version with unions	on bot	h sides					
High-pressure hose, 10 m ID 8, suitable for food industry, extensi- on piece	1	6.110-051.0	ID 8	250 bar	10 m		10 m high-pressure hose (DN 8) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. M 22 x 1.5 with anti-kink sleeve.
High-pressure hose, 20 m ID 8, suitable for food industry, extensi- on piece	2	6.110-052.0	ID 8	250 bar	20 m		20 m high-pressure hose (DN 8) with swivel coupling. Non- discolouring outer layer for use in the food industry. Con- nectors at both ends, M 22 x 1.5, with kink protection. NW 8/155°C/250 bar.
Longlife food industry version with	unior	s on both sides					
High pressure hose food DN 8 / 10 m	3	6.110-053.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With rotary coupling, 2 x M 22 x 1,5
Food industry version				*			
Hose assembly trapezoidal thread hygiene	4	6.110-074.0	ID 6	250 bar	15 m		













		Order Number	Flow rate		Price	Description	
Trigger guns							
Hand trigger gun only for replacement	1	4.118-015.0					
Servo Control							
Servo control	2	4.118-007.0	0-750 l/h			Servo control for water flow and pressure control (< 750 l/h) on trigger gun.	
Servo Control - high-grade steel version	3	4.118-016.0	750-1100 l/h				
Quick connect							
Quick-fitting pipe union coupler trapezo	4	2.115-000.0					
Quick-fitting pipe union plug nipp- le tra	5	2.115-001.0					

[■] Included in delivery.

Available accessories.

Extension hose.







		Order Number	Max. working pressure	Nozzle size		Price	Description	
Triple nozzles	· · · · ·	<u> </u>		<u> </u>			1	_
Triple jet nozzle 060	1	4.117-040.0	300 bar	60				
Dirt blaster, large								
Dirt blaster - without changeover function	2	4.114-036.0	300 bar	55			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.	

[■] Included in delivery.

Available accessories.

Extension hose.





							_
							ı
			Max. working	l			
		Order Number	pressure	Length	Price	Description	_
Rotating spray lances					,		
Lance 850 mm, rotatable, ergonomic	1	4.112-006.0	300 bar	840 mm		850 mm stainless steel lance (manual coupling) with ergonomic 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		·	
550 mm lance, non-rotatable	3	4.112-024.0	300 bar	400 mm			
Rotatable lance, 600 mm, ergonomic	4	4.112-007.0	300 bar	600 mm		600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
1050 mm lance, rotatable, ergonomic	5	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.	
Lance 1550 mm, rotatable, ergonomic	6	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.	
Lance 2050 mm, rotatable, ergonomic	7	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.	
Double lance							
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							
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			1			,	
Flexible lance 1050 mm	10	4.112-035.0	210 bar	1050 mm		1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	
Telescopic spray lance	1.1	4.112.027.0	l nor hav	F 400 mm	1		
Telescopic jet pipe	11	4.112-037.0 6.373-987.0	225 bar	5400 mm	+	Convenient strap for relief when working with the telesco-	
Restraint belt for telescopic jet pipe	12	6.373-987.0					
Gutter cleaner					_		
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 can be cleaned without removing the cover plates.	
Undercarriage spray lance							
Underbody lance	14	4.112-032.0		700 mm		Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	
Additional handle					_	1	
	15	4.321-380.0					

[■] 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								
FR 30	6	2.111-011.0			300 mm			
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	7	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	8	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 kits for l	FRV							
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						I_{\Box}

[■] Included in delivery.

Available accessories.

Extension hose.































		Order Number			Price	Description	
Nozzle union							
Protection part TR only for replacement	1	4.112-011.0					
Coupling parts	1	,			,	,	Ī
	2	6.987-705.0] [
Rotary coupling Rotary coupling	3	4.111-021.0		T		Kärcher rotary coupling prevents twisting and kinking of	
						high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.	
Coupling							
Coupler -2xM22x1,5	4	4.111-037.0				Brass double connector for connecting and extending high- pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.	
Connector					,		Ī
Nozzle connector/screw connector	5	4.111-022.0				Nozzle connector/screw connector for connecting high-pressure nozzles and accessories to the high-pressure trigger gun (with nozzle connector). Connectors: $1x M 22 x 1.5$ and $1x M 18 x 1.5$.	
	6	4.111-038.0					
Adapter EASY!Lock							Ţ
Adapter 1 M22AG-TR22AG	7	4.111-029.0					1
Adapter 2 M22IG-TR22AG	8	4.111-030.0					
Adapter 3 M22IG-TR22AG	9	4.111-031.0					[
Adapter M22 - Swivel	10	4.111-032.0				M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of the telescopic lance with a high-pressure hose with AVS connection.	
Adapter 5 TR22IG-M22AG	11	4.111-033.0					T
Adapter 6 TR22IG-M22AG	12	4.111-034.0					
Adapter 7 M18IG-TR20AG	13	4.111-035.0					
Adapter 8 TR20IG-M18AG	14	4.111-036.0					
HP detergent injector							
Detergent injector for high pressure	15	3.637-170.0				Cleaning agent dosage at high pressure 3 - 5 %	
Machine-specific nozzle kit with o	rder no	. 3.637-170					
Machine-specific nozzle kit with order no. 3.637-170.0 HD 500- 700 l/h	16	4.769-045.0				For HD 500 - 700 l/h. Consists of nozzle insert + HP power nozzle + union	

[■] Included in delivery. □ Available accessories.





		!				
		Order Number	Nozzle size		Price	Description
HP nozzle spray angle 0°						
High-pressure nozzle spray angle	1	2.113-036.0	60			Solid jet for very stubborn dirt and stains.
°0						
Power nozzle spray angle 15°						
Power nozzle spray angle 15°	2	2.113-048.0	60			Fan jet nozzle for stubborn dirt and stains.
Power nozzle spray angle 25°						
Power nozzle 25° spray angle	3	2.113-026.0	60			

[■] Included in delivery.

Available accessories.

Extension hose.







		Order Number	Nozzle size		Price	Description
Wet blasting attachment (without i	nozzle)				
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0				Paint, rust and scale removal made easy: Kärcher wet blas- ting attachment with flow control for adding blasting abrasi- ve 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 blas- ting attachment with flow control for adding blasting abrasi- ve to the high-pressure jet. Without flow control.
Nozzle pack for wet blasting attach	ment					
Nozzle pack TR wet jet set 0060	3	2.112-025.0	60			
Boron carbide nozzle						
Boron carbide nozzle, for machines as of 1000 l/h	4	6.415-084.0	6 mm			In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

[■] Included in delivery.

Available accessories.

Extension hose.















			Г	Г				_
		Order Number	Max. working	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6			<u> </u>		1			
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar					
Pipe cleaning hose, DN 6, 20 m, 220 bar	2	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	3	6.110-047.0	250 bar					
Hose assembly TR pipe cleaning DN6 14MPa	4	6.110-048.0	140 bar					
Pipe cleaning hose	5	6.110-049.0	140 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning hose, DN 6, 30 m	6	6.110-050.0	140 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning nozzle								
Drain cleaning dirt blaster D 25/060	7	6.415-945.0		60	25 mm		The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the	
Drain cleaning dirt blaster D 30/060	8	6.415-947.0		60	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/060	9	6.415-949.0		60	35 mm			
Pipe cleaning nozzle	10	5.763-019.0		65	16 mm		16 mm pipe cleaning nozzle with internal thread. Various je directions for environmentally-friendly cleaning of blocked drains and pipes.	t
	11	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	12	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.















		r					_
		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	2.640-151.0				High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.	
Inno foam set HD 7/10 CXF	4	2.112-009.0				Complete ready-to-use high-pressure foam system for use in the food and sanitary industries with HD 7/10 CXF for cleaning and disinfection. Double spray lance with foam nozzle and switch to high-pressure jet for rinsing, etc., CA-HP injector with precise 0 - 5 % metering valve. Nozzle kit included in delivery.	
Easy Foam Set							
Easy-Foam-Set HD 7/10 CXF	5	2.112-012.0				Complete ready-to-use high-pressure foam system for use in the food and sanitary industries with HD 7/10 CXF for cleaning and disinfection. Foam nozzle for connection to HP spray lance and high-pressure detergent injector with pressure 0-5 % metering valve. Nozzle kit included in delivery.	
Nozzle kits for Inno/Easy Foam Set							
Nozzle kit 060 for Inno/Easy Set 600 - 700 I/h	6	2.640-687.0	600-700 l/h			Optimal adaptation to different machine outputs for economic use.	
Foam nozzle mounting kit							
Foam nozzle kit	7	2.637-926.0				Foaming agent kit. The foam nozzle is ideal for use in sani-	
	8	2.112-013.0				tary areas and the food industry and wherever long applica- tion times are necessary.	

[■] Included in delivery.

Available accessories.

Extension hose.

















							Г
		Order Number	Length		Price	Description	
Automatic, self-winding hose reels							Π
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				Г
Hose reel, automatic, 20 m, stain- less steel	5	6.392-076.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	Г
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		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 x 1.6.	
Rotating washing brush							
	3	4.113-004.0	500-800 l/h				
	4	4.113-003.0	500-800 l/h				

[■] Included in delivery.

Available accessories.

Extension hose.















		Order Number	Length	Diameter			Price	Description	
Geka coupling									
With hose nozzle, R 1/2"	1	6.388-461.0						with hose liner	
With hose nozzle, R 3/4"	2	6.388-455.0							
With female thread, R 3/4"	3	6.388-473.0						with female thread	
Suction filter									
Water filter	4	6.414-956.0							
Suction filter with check valve	5	4.730-012.0						Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Fine-mesh water filter									
Fine-mesh water filter with adapter	6	4.730-102.0						Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".	
Water supply hose									
Water supply hose	7	4.440-038.0	7,5 m					NW 13 R1" / R 3/4", up to 30 °C	
Backflow check valve									
Backflow preventer	8	2.641-374.0						To prevent detergent getting into the drinking water cycle in case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakage protection	П

[■] Included in delivery.

Available accessories.

Extension hose.