

HD 7/18-4 MX Plus

Cold-water high-pressure cleaner with tough 4-pole three-phase motor, 180 bar pressure, Dirt blaster nozzle and integrated high pressure hose reel.

















- 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 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 7/18-4 MX Plus

- Robust, 4-pole low-speed three-phase motor
- Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.
- Switch-CHEM dosing

Technical data		
Order Number		1.524-914.0
EAN code		4054278166919
Current type	Ph / V / Hz	3 / 400 / 50
Flow rate	l/h	240-700
Operating pressure	bar / MPa	30-180 / 3-18
Max. pressure	bar / MPa	215 / 21,5
Max. water feed temperature	°C	bis zu 60
Power rating	kW	5
Weight	kg	52
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	Pr	rice	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 manual 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 $10/155^{\circ}$ 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 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.
Longlife 400 with unions on both si		ſ	ľ					
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup- ling	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
High-pressure hose Longlife 400, 15 m, DN 8, including rotary coup- ling	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 DN 6, 15m for hose reel	14	6.110-037.0	ID 6	250 bar	15 m			15 m high-pressure hose with patented (rotating) AVS trigger gun connector and nipple connector for hose reel.
High pressure hose DN 6, 15m	15	6.110-026.0	ID 6	300 bar	15 m			
High-pressure hose, 15 m DN 8, AVS trigger gun connector	16	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. $\hfill \triangle$ 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	4.118-007.0	0-750 l/h			Servo control for water flow and pressure control (< 750 l/h) on trigger gun.
Quick connect						
Quick-fitting pipe union coupler trapezo	3	2.115-000.0				
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							
Triple nozzle 042	1	4.117-034.0	300 bar	42			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	4.114-042.0	300 bar	45			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.
Dirt Blaster, small							
	4	4.114-021.0	180 bar	45			

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





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		Order Number	Max. working pressure	Length		Price	Description	
Rotating spray lances		Oraci Homber	pressore	zengen		111100	Бесприон	_
1050 mm lance, rotatable, ergono-	1	4.112-000.0	300 bar	1050 mm		1	1050 mm stainless steel lance (manual coupling) with ergo-	
mic	1	4.112 000.0	300 501	1030 11111			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				
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.)-
Lance 850 mm, rotatable, ergono- mic	5	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 1550 mm, rotatable, ergo- nomic	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. Specially shaped for effective and hygienic cleaning of gutters and toilets.	
Flexible spray lance								
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	ı		ı			,		Į,
Telescopic jet pipe	11	4.112-037.0	225 bar	5400 mm				[
Restraint belt for telescopic jet pipe	12	6.373-987.0					Convenient strap for relief when working with the telesco- pic spray lance (6.394-690). The burden is optimally distri- buted on the body and longer periods of use are possible.	[
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.	I
Additional handle			1	,		_		Ļ
	15	4.321-380.0						

[■] Included in delivery.

Available accessories.

Extension hose.





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

























		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 kit for FR							
Nozzle kit for surface cleaners (type-specific) 650 - 850 l/h	9	2.639-187.0	650-850 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).
Machine-specific nozzle kits for F	RV						
Nozzle kit 040 for FRV 30	10	2.642-431.0		40			
Hard surface cleaner FRV 30 Me							
Suction hose FRV 30 me	11	4.441-040.0					
FRV 30 ME	12	2.111-012.0					
Surface Cleaner FR 50 Me				•		•	
	1	2.111-024.0			1 1		

[■] Included in delivery.
□ Available accessories.
▲ Extension hose.































		Order Number			Price	Description
Nozzle union						<u> </u>
Protection part TR only for replacement	1	4.112-011.0				
Coupling parts						
	2	6.987-705.0				
Rotary coupling			1			
Rotary coupling	3	4.111-021.0				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			ı			
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						
Nozzle connector/screw connector	5	4.111-022.0				Nozzle connector/screw connector for connecting high- pressure nozzles and accessories to the high-pressure trig- ger 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						
Adapter 1 M22AG-TR22AG	7	4.111-029.0				
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				
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 pressu- re	15	4.637-033.0				Cleaning agent dosage at high pressure 3 - 5 %
Machine-specific nozzle kit with or	der 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
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.	17	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.
Low pressure for units rated up to 1100 l/h	18	4.769-001.0				For low pressure with machines up to 1.100 l/h

[■] Included in delivery.

Available accessories.

Extension hose.













		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Barrel and tank cleaning								
	1	2.112-020.0						
Pipe cleaning hose, ID 6								
Hose assembly TR pipe cleaning DN6 max.2	2	6.110-046.0	250 bar					
Pipe cleaning hose, DN 6, 20 m, 220 bar	3	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	4	6.110-047.0	250 bar					
Pipe cleaning nozzle								
Drain cleaning dirt blaster D 25/040	5	6.415-944.0		40	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 30/040	6	6.415-946.0		40	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/040	7	6.415-948.0		40	35 mm			
Pipe cleaning nozzle	8	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various je	t 🗆
	9	5.763-020.0		65	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	10	5.763-017.0		50	30 mm		30 mm pipe cleaning nozzle with internal thread. Various je directions for environmentally-friendly cleaning of blocked drains and pipes.	t
Rotating pipe cleaning nozzle	11	6.415-428.0		50	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.





		1	1	1			
		Order Number	Nozzle size			Price	Description
HP nozzle spray angle 0°		0.00.00.00.00	1.10==10 01=0			1	
nP 110221e Spray aligie 0		ı	ı	ı	1		
High-pressure nozzle spray angle °0	1	2.113-033.0	45				High-pressure nozzle with powerful jet for extremely stubborn dirt.
Power nozzle spray angle 15°							
Power nozzle spray angle 15°	2	2.113-046.0	45				Fan jet nozzle with 15 $^{\circ}$ spray angle suitable for stubborn dirt.
Power nozzle spray angle 25°							
Power nozzle, spray angle 25°	3	2.113-007.0	42				
Power nozzle spray angle 40°							
Power nozzle spray angle 40°	4	2.113-053.0	45				Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces. $\hfill\Box$

 $[\]blacksquare$ Included in delivery. $\hfill\Box$ Available accessories. \hfill 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 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: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet. Without flow control.
Nozzle pack for wet blasting attach	ment					
Nozzle pack TR wet jet set 0040	3	2.112-019.0	40			
Boron carbide nozzle						
Boron carbide nozzle, for machi- nes 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.













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		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 060 for Inno/Easy Set 600 - 700 I/h	5	2.111-018.0	600-700 l/h			Optimal adaptation to different machine outputs for economic use.
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, 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.	
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.











		Order Number	Flow rate	Water feed 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.











		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.

















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		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 hose nozzle, R 1"	3	6.388-465.0						
With female thread, R 3/4"	4	6.388-473.0					with female thread	
Suction filter								
Water filter	5	6.414-956.0						
Suction filter with check valve	6	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	7	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. Connectior 3/4", with adapter, 1".	
Water supply hose								
Water supply hose	8	4.440-038.0	7,5 m				NW 13 R1" / R 3/4", up to 30 °C	
	9	4.440-207.0	7,5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
Backflow check valve								
Backflow preventer	10	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

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