



HD 17/14-4S Plus

Super class cold water pressure washer for continuous operation in tough operating conditions. The HD 17/14-4S comes with with very high water flow rate and lower pressure.











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 Proven Kärcher quality

- 4-pole water-cooled electric motor.
- Robust brass cylinder head and ceramic pistons.



3 For increased safety

- Integrated electronics for unit monitoring. 11
- Automatic switch-off in case of undervoltage or overvoltage.

4 Outstanding mobility

- Large rubber tyres for negotiating uneven surfaces, stairs and lan-dings.
- Proven sack trolley principle for easy, ergonomic transport.

TECHNICAL DATA AND EQUIPMENT.

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HD 17/14-4S Plus

Save energy and time: EASY!Force high-pressure guns and

EASY!Lock quick-release locks.

- Water-cooled three-phase motor
- Outstanding cleaning performance

Technical data				
Order Number		1.286-915.0		
EAN code		4054278162959		
Current type	Ph / V / Hz	3 / 400 / 50		
Flow rate	l/h	650-1700		
Operating pressure	bar / MPa	30-140 / 3-14		
Max. pressure	bar / MPa	154 / 15,4		
Max. water feed temperature	°C	60		
Power rating	kW	9,4		
Weight	kg	72,2		
Dimensions (L x W x H)	mm	560 × 500 × 1090		
		6 I tank		
Equipment				
Trigger gun		EASY!Force Advanced	Oil sight glass	
Trigger gun with soft grip		•	Servo Control	•
High-pressure hose	m	10 / Longlife	Brass water inlet fitting	
Spray lance	mm	1050		
Power nozzle		•		
Dirt Blaster spray lance		•		
ANTI!Twist		•		
4-pole three-phase motor with air and water cooling		•		
Pressure switch control				
Large fine mesh water filter		•		
Electronic motor protection system with LED display		•		
Included in delivery.				



		Order Number	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both side	5							
High-pressure hose, 15 m DN 10, 220 bar, extension	1	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	2	6.110-043.0	ID 10	220 bar	20 m		with union on both sides, M 22 x 1.5 with anti-kink protec- tion. NW 10/155°C/220 bar	
High-pressure hose, 25 m DN 10, extension, not rotatable	3	6.110-044.0	ID 10	220 bar	25 m			
Hose assembly premium DN10 22MPa 40m	4	6.110-045.0	ID 10	220 bar	40 m			
Hose assembly premium DN12 21MPa 15m	5	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	6	6.110-060.0	ID 12	210 bar	40 m		protection.	
Hose assembly TR DN10 22MPa 10m	7	6.110-041.0	ID 10	220 bar	10 m			

 \blacksquare Included in delivery. $\hfill\square$ Available accessories. $\hfill A Extension hose.$

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		Order Number	Flow rate		Price	Description
Trigger guns						
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.
Conversion kit 1 from high pressu- re hose	2	4.111-050.0				A conversion kit which enables secure connection from an M22 hose onto our innovative EASY!Force trigger gun. The kit includes the EASY!Force Trigger gun, adaptors and lance.
Conversion kit 2 from device	3	4.111-051.0				Provides all the parts required to utilise our EASY!Force technology even on our non-Easy!Force machines. Including adaptors, lance, Easy!Force trigger gun and hose.
Conversion kit 3 only EASY!Force	4	4.111-052.0				A conversion kit for the EASY!Force gun, which includes the correct adaptors to conncect to the M22 style lance and hose.
Servo Control						
Servo Control controller with EASY!Lock	5	4.118-009.0	1100 l/h			Servo control for water flow and pressure control (> 1100 $ $ /h) on the trigger gun.
Quick connect						
Quick-fitting pipe union coupler trapezo	6	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.
Quick-fitting pipe union plug nipp- le tra	7	2.115-001.0				Hardened stainless steel male coupling for quick coupling \Box 2.115-000. With M 22 x 1.5 external thread.

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		Order Number	Max. working pressure	Length		Price	Description
Rotating spray lances 1050 mm lance, rotatable, ergono- mic	1	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.
Nozzle Light	2	2.680-002.0		125 mm			LED work light for assembly on EASY!Force spray lances, providing a clear view in poor lighting conditions ensuring controlled cleaning results.
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm			600 mm stainless steel lance (manual coupling) with ergono-
550 mm lance, non-rotatable	4	4.112-024.0	300 bar	400 mm			mic handle for ease of use and protection. Rotatable 360°
Rotatable lance, 600 mm, ergono-	5	4.112-007.0	300 bar	600 mm			under pressure.
mic Lance 850 mm, rotatable, ergono- mic	6	4.112-006.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360°
Lance 1550 mm, rotatable, ergo- nomic	7	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, ergo- nomic	8	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.
Jet pipe extension TR 1000 mm	9	4.112-048.0	300 bar	1000 mm			Spray lance extension with EASY!Lock connection. Length
Double lance							1000 mm.
Double lance 960 mm	10	2.112-016.0	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		1	1	1		1	
WC and gutter lance	11	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							
Flexible lance 1050 mm	12	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.
Articulated joint TR 20	13	4.112-057.0	300 bar				For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.
Telescopic spray lance			1	I			
Telescopic jet pipe	14	4.112-037.0	225 bar	5400 mm			Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach, such as ceilings or facades. With integrated HD trigger gun, M 22 x 1.5 connec- tion with rotary coupling. Connection for M 18 x 1.5 nozzles.
Restraint belt for telescopic jet pipe	15	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		1		1	1 1		
Gutter cleaning lance	16	2.112-015.0		960 mm			The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter \Box



		Order Number	Max. working pressure	Length		Price	Description
Additional handle							
Additional handle for EASY!Lock spray lances	18	4.321-380.0					Comfortable in every situation – the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task.

 \blacksquare Included in delivery. $\hfill\square$ Available accessories. $\hfill\blacksquare$ Extension hose.



		Order Number	Max. working pressure	Nozzle size		Price	Description
Dirt blaster, large							
Dirt blaster - without changeover function	1	4.114-044.0	300 bar	120			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.



		Order Number	Nozzle size			Price	Description
Power nozzle spray angle 25°							
Power nozzle 25° - 115	1	2.113-060.0	115				Fan jet nozzle for large-area coverage and stubborn dirt and stains.
■ Included in delivery □ A	vailabl	e accessories	Extension h	nse			

□ Available accessories. ▲ Extension hose ncluded in delivery.

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		Order Number			Price	Description
Nozzle union						
Nozzle screws	1	4.112-011.0				Nozzle screws with protectors for high-pressure and power nozzles
HP detergent injector						1022105
Dosing valve for stainless steel injector	2	6.500-000.0				Retrofittable dosing valve for stainless steel injectors. For easy, convenient and precise cleaning agent dosing adjust- ment via a control knob.
Detergent injector for high and	3	4.637-032.0				Detergent injector for independent high and low pressure
low pressure (without nozzles) Detergent injector for high pressu- re	4	4.637-033.0				dosage. Maximum dosage about 15%. Cleaning agent dosage at high pressure 3 - 5 %
Nozzle insert with order no. 3.637-	1					
High pressure for units rated 1100 I/h or more	5	4.769-002.0				For high pressure with machines above 1.100 l/h
Low pressure for units rated 1100 I/h or more	6	4.769-006.0				For low pressure with machines above 1.100 l/h
Rotary coupling Rotary coupling	7	4.111-021.0				Kårcher 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	8	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	9	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.
Y distributor	10	4.111-024.0				Offers the option to connect two spray units to the machine.
Short spray unit	11	4.111-038.0				For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with
Adapter EASY!Lock						triple nozzles.
Adapter 1 M22AG-TR22AG	12					Adapter 1 to connect the old hose with the new hose
Adapter 2 M22IG-TR22AG	13	4.111-030.0				Adapter 2 to connect the old device with the new hose and the old gun with the new hose
Adapter 3 M22IG-TR22AG	14	4.111-031.0				Adapter 3 to connect the old gun with the new spray lance and new servo regulator
Adapter M22 - Swivel	15	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	16	4.111-033.0				Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lance
Adapter 6 TR22IG-M22AG	17	4.111-034.0				Adapter 6 to connect the new device with the old hose and \square
Adapter 7 M18IG-TR20AG	18	4.111-035.0				the old hose with the new gun Adapter 7 to connect the old spray lance with the new nozzle
Adapter 8 TR20IG-M18AG	19	4.111-036.0				Adapter 8 to connect the new spray lance with the old
Included in delivery	ailabl	e accessories. A Extension ho				nozzle



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		Order Number				Price	Description	
ADAPTER for replacement TR22IG-	20	4.111-046.0					Rotatable adapter for connecting EASY!Force high-pressure	
M22AG Er							gun and high-pressure hoses with M 22x1.5 connection	
Included in delivery	ailabl	o accorcorior	A Extension b	200				

 \blacksquare Included in delivery. $\hfill\square$ Available accessories. $\hfill \blacktriangle$ Extension hose.

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		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6								
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar				The 10 m pipe cleaning hose is a highly flexible high pressu- re hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	
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				The 30 m pipe cleaning hose is a highly flexible high pressu- re hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	
Pipe cleaning nozzle								
Dirt blaster pipe cleaning D21/060	4	4.765-002.0		60	21 mm			
Dirt blaster pipe cleaning D30/060	5	4.765-005.0		60	30 mm		stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient hand- ling.	
Nozzle pipe cleaning size 120	6	5.763-089.0		120	24 mm		Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	
Pipe cleaning nozzle	7	5.763-019.0		65	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet	
	8	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	9	5.763-021.0		70	30 mm		30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	
Rotating pipe cleaning nozzle	10	6.415-440.0		65	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blo- cked drains and pipes.	
HKF 50 spray head, brass					·			
HKF 50 spray head , brass	11	3.631-039.0						
HKF 50 spray head, brass	12	3.631-058.0					holes of 50 mm and more.	
■ Included in delivery. □ Ava	ailable	e accessories.	▲ Extension h	ose.				

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		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard surface cleaner FR 30 ME							I	
FR 30 ME surface cleaner	1	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	2	2.111-023.0			500 mm		Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas.With double cera- mic bearings, push handle, non-marking swivel castors and detergent dosing system.	
Machine-specific nozzle kit for FR								
Nozzle pack for hard surface cleaners (machine-specific) 1300 - 1.800 l/h	3	2.640-781.0	1300-1800 l/h				Machine-specific nozzle kit Kärcher power nozzle for hard surface cleaners	I
Machine-specific nozzle kits for FR	v					1	l	
Nozzle kit 100 - for FRV	4	2.643-769.0		100			Machine-specific nozzle kit Kärcher power nozzles and jet nozzle for FRV 30 and FRV 50.	1
Hard surface cleaner FRV 30 Me								
Extension hose FRV 30 Me and FRV 50 Me	5	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	[
FRV 30 Me Surface Cleaner	6	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								
FRV 50 Me surface cleaner	7	2.111-024.0					Surface cleaning with automatic suction of the dirty water for very large surfaces. Hot water cleaning up to 85°C.	[

 \blacksquare Included in delivery. \Box Available accessories. \blacktriangle Extension hose.



		Order Number	Flow rate		Price	Description
Cup foam lance						· · · · · · · · · · · · · · · · · · ·
Cup foam lance Basic 3	1	4.112-055.0	900-2500 l/h			For high-pressure cleaners with a flow rate of 900-2500 I/h: new, robust and very high-quality foam cup lance with outstanding foam quality while consuming half as much cleaning agent.
Cup foam lance Advanced 042	2	2.112-018.0				Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.
Tank grey only for replacement 1L	3	6.414-050.0				Additional 1-litre cleaning agent container for quick replace- ment of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).
Inno Foam Set						
Inno foam kit with detergent injec- tor	4	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	5	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.
Foam nozzle mounting kit						
Foam nozzle kit	6	2.112-013.0				Foaming agent kit. The foam nozzle is ideal for use in sani- tary areas and the food industry and wherever long applica- tion times are necessary.

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		Order Number	Length			Price	Description
Hose reel add-on kit				<u> </u>			
Hose reel kit for HD super class	1	2.110-008.0	20 m				ABS hose reel for mounting on the machine. For safe and tidy stowage of high-pressure hoses. Can be rotated under pressure, with M 22 x 1.5 connection.
Automatic, self-winding hose reels Add-on kit hose reel plastics		6.392-074.0	20 m				Automatic hose reel for 20 m high-pressure hose. The con- sole is made from powder-coated steel, the drum is made from plastic.
Add-on kit hose reel	3	6.392-083.0	20 m				Automatic hose reel for 20 m high-pressure hose. The con- sole consists of stainless steel, the drum is made from plas- tic.
Hose reel, automatic, 20 m, pain- ted	4	6.392-106.0	20 m				Automatic hose reel of durable plastic. Painted steel bracket.
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.
Hose reel, automatic, 20 m, stain- less steel	6	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	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.
Add-on kit hose reel TR 40m	8	6.392-442.0	40 m				Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. Compatible high-pressure hose, e.g. order no. 6.110-076.0 (ID 8, 40 m, 400 bar, 1x hose reel connection attachment kit).
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.
ABS wall fastening stainless steel	10						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.



		Order Number	Nozzle size			Price	Description
Nozzle pack for wet blasting attack	nment						
Nozzle pack TR wet jet set 0100	1	2.112-030.0	100				Consisting of wet jet nozzle and nozzle insert - only for use in combination with wet jet unit 4.115-000.0 4.115-006.0.
Boron carbide nozzle							
Boron carbide nozzle, for machi- nes as of 1000 l/h	2	6.415-083.0	8 mm				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.
■ Included in delivery. □ Av	ailable	e accessories.	▲ Extension h	ose.			

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		Order Number				Price	Description	
Crane lifting kit							·	
Crane loading kit for HD super class	1	2.640-438.0					Effortless loading by crane.	
■ Included in delivery. □ A	vailable	e accessories.	▲ Extension h	ose.				



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		Order Number	Quantity		Price	De- scripti- on	
Geka coupling							
With hose nozzle, R 1"	1	6.388-465.0				with hose barb	
Hose coupling	2	6.388-458.0				with female thread	
Suction filter				I		- in coo	I
Water filter	3	6.414-956.0				Suitable for ponds, storage tanks or similar, polyami- de filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connec- tion, without non- return valve	
Suction filter with check valve	4	4.730-012.0				Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	



Eine-mech water filter					
	Order Number	Quantity		De- scripti- on	







		Order Number	Flow rate			Price	Description	
Push-on washing brush								
Push-on wash brush, M 18 x 1.5	1	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								
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).	
■ Included in delivery. □ Av	ailable	e accessories.	▲ Extension ho	ose.				

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