

#### **HD 17/14-4S Plus**

Super class cold water high-pressure cleaner 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
- 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.





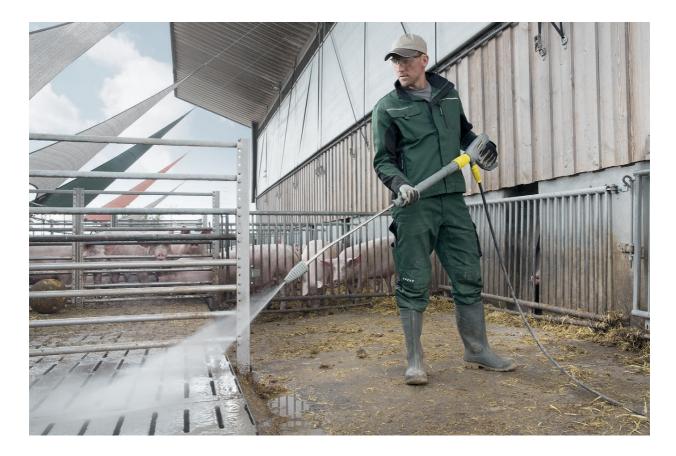
- 3 For increased safety
- Integrated electronics for unit monitoring.
- Automatic switch-off in case of undervoltage or overvoltage.

#### 4 Outstanding mobility

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

### **TECHNICAL DATA AND EQUIPMENT.**





#### 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	I/h	650-1700
Operating pressure	bar / MPa	30-140 / 3-14
Max. pressure	bar / MPa	154 / 15,4
Max. water feed temperature	°C	bis zu 60
Power rating	kW	9,4
Weight	kg	63
Dimensions (L x W x H)	mm	560 × 500 × 1090

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 system (AVS)		-		
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	Length	Price	Description	
Standard with unions on both sides				<b>P</b>				$\dashv$
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 protection. 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			<b>A</b>
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 I / h. With union on both sides. 2x M 22 x 1.5 with anti-kink	<b>A</b>
Hose assembly premium DN12 21MPa 40m	6	6.110-060.0	ID 12	210 bar	40 m		protection.	<b>A</b>

<sup>■</sup> Included in delivery. 

Available accessories. 

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	4.118-009.0	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				

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





		O			B	B	
		Order Number	Nozzie size		Price	Description	
Power nozzle spray angle 25°							
	1	2.113-060.0	115				

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





		Order Number	Max. working	Nozzie size		Price	Description	
Dirt blaster, large			<u> </u>					-
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.	•

<sup>■</sup> 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	
Crane lifting kit							
Crane loading kit for HD super class	1	2.640-438.0				Effortless loading by crane.	
Y distributor							
Y distributor	2	4.111-024.0					

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.















		I					
					Diame-		
		Order Number	Flow rate	Nozzle size	ter	Price	Description
Hard surface cleaner FR 30 ME		·	<b>'</b>				
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 ceramic 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
Machine-specific nozzle kits for FR	V						
Nozzle 100	4	2.643-769.0		100			
Hard surface cleaner FRV 30 Me						 	
Suction hose FRV 30 me	5	4.441-040.0					
FRV 30 ME	6	2.111-012.0					
Surface Cleaner FR 50 Me							
	7	2.111-024.0					

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.































Coupling parts  Rotary coupling Rotary coupling  Coupling	Order Nur  1   4.112-011  2   6.987-705  3   4.111-021  4   4.111-037	.0			Price	<b>Description</b>
Protection part TR only for replacement  Coupling parts  Rotary coupling  Rotary coupling  Coupling  Coupling	1   4.112-011 2   6.987-705 3   4.111-021	.0			Price	[
Protection part TR only for replacement  Coupling parts  Rotary coupling  Rotary coupling  Coupling	1   4.112-011 2   6.987-705 3   4.111-021	.0			Price	[
Protection part TR only for replacement  Coupling parts  Rotary coupling  Rotary coupling  Coupling	1   4.112-011 2   6.987-705 3   4.111-021	.0			Price	[
Protection part TR only for replacement  Coupling parts  Rotary coupling  Rotary coupling  Coupling	1   4.112-011 2   6.987-705 3   4.111-021	.0			Price	[
Protection part TR only for replacement  Coupling parts  Rotary coupling  Rotary coupling  Coupling	2   6.987-705	.0				
cement  Coupling parts  Rotary coupling  Rotary coupling  Coupling	2   6.987-705	.0				
Rotary coupling Rotary coupling  Coupling	3 4.111-021	.0				
Rotary coupling Rotary coupling :  Coupling	3 4.111-021	.0				]
Rotary coupling :					ı	
Coupling						
	4 4.111-037					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.
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						
	5 4.111-022					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	- L		ı		l	1.
	7 4.111-029					<u> </u>
	8 4.111-030					<u> </u>
	9 4.111-031	_				N22 v 4 55-rada and avrival according 5-rada area of
Adapter M22 - Swivel 10	0 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 1:	1 4.111-033	.0				[
Adapter 6 TR22IG-M22AG 12	2 4.111-034	.0				
Adapter 7 M18IG-TR20AG 13	3 4.111-035	.0				
Adapter 8 TR20IG-M18AG 14	4 4.111-036	.0				
HP detergent injector						
15	5 6.500-000	.0				]
Detergent injector for high and low pressure (without nozzles)	6 4.637-032	.0				Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.
Detergent injector for high pressure 1	7 4.637-033	.0				Cleaning agent dosage at high pressure 3 - 5 %
Nozzle insert with order no. 3.637-001						
High pressure for units rated 1100 18 1/h or more	8 4.769-002	.0				For high pressure with machines above 1.100 l/h
Low pressure for units rated 1100 19 1/h or more	9 4.769-006	.0				For low pressure with machines above 1.100 l/h

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.

















			Max. working		Diame-			
		Order Number	pressure	Nozzle size	ter	Price	Description	
HKF 50 spray head, brass								
HKF 50 spray head , brass	1	3.631-039.0					Depth of immersion 850 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more.	
							Electric motor drive. Operation is possible both vertically and horizontally	
	2	3.631-058.0						
Pipe cleaning hose, ID 6							,	
Hose assembly TR pipe cleaning DN6 max.2	3	6.110-046.0	250 bar					
Pipe cleaning hose, DN 6, 20 m, 220 bar	4	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	5	6.110-047.0	250 bar					
Pipe cleaning nozzle					•			
Drain cleaning dirt blaster D 25/060	6	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	7	6.415-947.0		60	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/060	8	6.415-949.0		60	35 mm			
Nozzle pipe cleaning size 120	9	5.763-089.0		120	16 mm		Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	
Pipe cleaning nozzle	10	5.763-019.0		65	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet	
	11	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	12	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	13	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.	

<sup>■</sup> 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: 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: 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 0100	3	2.112-030.0	100			
Boron carbide nozzle					 	
Boron carbide nozzle, for machines as of 1000 l/h	4	6.415-083.0	8 mm			In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.











		Order Number	Flow rate		Price	Description
Cup foam lance						
Packing complete for 6.394-969.0	1	2.112-018.0				
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.
Foam nozzle mounting kit						
Foam nozzle kit	5	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.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.



















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		Order Number	Lameth			Price	Description
		Order Normber	Lengui			Price	Description
Hose reel add-on kit							
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 (with connecting hose
							to machine's HP outlet) Can be rotated under pressure, with
							M 22 x 1.5 connection.
Automatic, self-winding hose reels				ı		1	1
Add-on kit hose reel plastics	2	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-
Add-off Kit flose reel	ر	0.532-005.0	20111				sole consists of stainless steel, the drum is made from plas-
							tic.
Hose reel, automatic, 20 m, pain-	4	6.392-106.0	20 m				Automatic hose reel of durable plastic. Painted steel bracket.
ted							Suitable for 20 m high-pressure hose.
	5	6.392-105.0	20 m				
Hose reel, automatic, 20 m, stain-	6	6.392-076.0	20 m				Automatic stainless steel hose reel. With swivel holder.
less steel							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 $\square$
							a corrossion-resistant, watertight capsuled sprong drive.
Swivel holder	0	2.620.024.0					Connection for HP hoses with nipple.
Swiver holder	8	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	9	2.641-867.0					Swivelling wall bracket made of high-grade steel (for 2.641-
riss train rasterning starriess steer		2.5 11 507.0					866). This makes maximum flexibility and convenience
							possible when working with the HP hose.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









		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							
	2	4.113-002.0	800-1300 l/h				
	3	4.113-005.0	800-1300 l/h				

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.

















		Order Number	Length	Diameter		Price	Description	
Geka coupling								
With hose nozzle, R 1"	1	6.388-465.0						
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	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.