



HD 16/15-4 Cage Plus

Special class 3-phase cold water high-pressure cleaner for continuous operation in tough operating conditions. With tough steel frame, 150 bar pressure and 1600 litres per hour water flow.









1 Cage frame

- Robust, tubular outer frame.
- Integrated crane attachment point and accessory compartment.

2 Electronic monitoring for greater operating safety

- Leakage protection and soft start.
- Overvoltage and undervoltage protection.

TECHNICAL DATA AND EQUIPMENT.





HD 16/15-4 Cage Plus

- Powder-coated tubular steel frame
 4-pole air-cooled electric motor
 Puncture proof wheels for maximum mobility

Technical data		
Order Number		1.353-905.0
EAN code		4054278157894
Current type	Ph / V / Hz	3 / 400 / 50
Flow rate	I/h	500-1600
Operating pressure	bar / MPa	30-150 / 3-15
Max. pressure	bar / MPa	190 / 19
Max. water feed temperature	°C	max. 60
Power rating	kW	9,5
Weight	kg	95
Dimensions (L x W x H)	mm	957 × 686 × 1080

Equipment		
Trigger gun		EASY!Force Advanced
High-pressure hose	m	15 / Premium quality / ID 8, 315 bar
Spray lance	mm	1050
Power nozzle		1
Dirt Blaster spray lance		
Anti-twist system (AVS)		=
Pressure switch control		
Infinitely variable pressure and water flow control on the unit		
High pressure lance		
Servo Control		1
■ Included in delivery.		

















		Order Number	ID	Max. working pressure	Length	Price	Description
Standard with unions on both sides							
High-pressure hose, 20 m DN 10, 220 bar, extension	1	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	2	6.110-044.0	ID 10	220 bar	25 m		
Hose assembly premium DN12 21MPa 15m	3	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	4	6.110-060.0	ID 12	210 bar	40 m		protection.
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. ■
Longlife 400 with unions on both s	ides						
High-pressure hose 1.5 m, DN 8, including connectors	6	6.110-024.0	ID 8	400 bar	1,5 m		1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).
	7	6.110-069.0	ID 8	400 bar	1,5 m		

[■] 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				

[■] Included in delivery.

Available accessories.

Extension hose.





		Order Number	Nozzle size		Price	Description
Power nozzle spray angle 25°						
	1	2.113-017.0	100			
HP nozzle spray angle 0°						
High-pressure nozzle spray angle °0	2	2.113-039.0	110			Solid jet for very stubborn dirt and stains.
Power nozzle spray angle 15°						
Power nozzle spray angle 15°	3	2.113-052.0	100			Fan jet nozzle for stubborn dirt and stains.

[■] Included in delivery.

Available accessories.

Extension hose.





		Order Number	Max. working pressure	Nozzle size		Price	Description
Dirt blaster, large							
Dirt blaster - without changeover function	1	4.114-048.0	300 bar	100			

[■] Included in delivery.

Available accessories.

Extension hose.





		1			 _		_
			Max. working				
		Order Number		Length	Price	Description	
Rotating spray lances			P		1		L
1050 mm lance, rotatable, ergono-	1	4.112-000.0	300 bar	1050 mm		1050 mm stainless steel lance (manual coupling) with ergo-	
mic	1	4.112 000.0	300 601	1030 11111		nomic handle for ease of use and protection. Rotatable 360°	١
						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, ergono-	4	4.112-007.0	300 bar	600 mm		600 mm stainless steel lance (manual coupling) with ergono	
mic						mic handle for ease of use and protection. Rotatable 360°	
Lance 850 mm, rotatable, ergono-	5	4.112-006.0	300 bar	840 mm		under pressure. 850 mm stainless steel lance (manual coupling) with ergono	H
mic	5	4.112-000.0	300 bai	040 111111		mic handle for ease of use and protection. Rotatable 360°	
						under pressure.	ľ
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°	
	_					under pressure.	L
Lance 2050 mm, rotatable, ergo- nomic	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°	
Homic						under pressure.	ľ
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).	L
Angular spray lance		1 4 4 4 2 0 2 0 0			1	Christian and I am MC and a throughth and a factor of	
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.	ľ
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.	Ľ
Telescopic spray lance		ı			 1		
Telescopic jet pipe	11		225 bar	5400 mm			
Restraint belt for telescopic jet	12	6.373-987.0				Convenient strap for relief when working with the telesco-	L
pipe						pic spray lance (6.394-690). The burden is optimally distributed on the body and longer periods of use are possible.	
Gutter cleaner		I.				bated on the body and longer periods of ose are possible.	
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.	L
Undercarriage spray lance	1	1				land the second of the second	
Underbody lance	14	4.112-032.0		700 mm		Stainless steel lance for effective and easy underbody and	
Additional handle		1	<u> </u>		 1	wheel arch cleaning. Without high-pressure nozzle.	_
	15	4.321-380.0					









		Order Number			Price	Description
Y distributor						
Y distributor	1	4.111-024.0				
Water filter set						
Water filter attachment kit for HD	2	2.851-252.0				
20/15-4 and HD 16/15-4 Cage Plus						
Elapsed time counter set						
Add-on hour counter	3	2.851-066.0				
Set of puncture-proof wheels						
Set of puncture-proof wheels	4	2.851-067.0				
Set of guide rolls						
Set of guide rolls	5	2.851-042.0				

[■] Included in delivery.

Available accessories.

Extension hose.









		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FR 50								
FR 50 surface cleaner	1	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	2	2.640-781.0	1300-1800 I/h				Machine-specific nozzle kit Kärcher power nozzle for hard surface cleaners	
Machine-specific nozzle kits for FR	V							
Nozzle 100	3	2.643-769.0		100				
Surface Cleaner FR 50 Me								
	4	2.111-024.0						

[■] Included in delivery.

Available accessories.

Extension hose.































		Order Number			Price	Description
Nozzle union			'			
Protection part TR only for repla- ement	1	4.112-011.0				
Coupling parts						
	2	6.987-705.0				
Rotary coupling						
Rotary coupling	3	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	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						
dapter 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				
dapter 7 M18IG-TR20AG	13	4.111-035.0				
dapter 8 TR20IG-M18AG	14	4.111-036.0				
IP detergent injector						
Eleaning agent dosing kit for HD 25/15-4 and HD 20/15-4 Cage Plus	15	4.637-031.0				Adds up to 5% detergent in high and low pressure modes. Consists of detergent injector + nozzle insert + low pressure nozzle + rollover nozzle holder (for comfortable switch between high and low pressure).







		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: Kārcher 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.

[■] Included in delivery.

Available accessories.

Extension hose.







		Ondon Number	Max. working	Nazala siza	Diame-	Duizo	Paradati a	
Pipe cleaning hose, ID 6		Order Number	pressure	Nozzle size	ter	Price	Description	L
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					
Pipe cleaning nozzle						 		
Nozzle pipe cleaning size 100	4	5.763-088.0		100	24 mm		Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	

[■] Included in delivery.

Available accessories.

Extension hose.







		1		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					
Foam nozzle mounting kit							
Foam nozzle kit	3	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.

[■] Included in delivery.

Available accessories.

Extension hose.



















		1					
		Order Number	Length			Price	Description
Hose reel add-on kit				'			
Hose reel kit, powder-coated, for	1	2.110-002.0	40 m				
HD Cage super class							<u> </u>
Automatic, self-winding hose reels							,
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-011 Kit 1103e Feel	3	0.592-065.0	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 a corrossion-resistant, watertight capsuled sprong drive.
							Connection for HP hoses with nipple.
Swivel 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-
							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		Price	Description	
Rotating washing brush							
	1	4.113-002.0	800-1300 l/h				
	2	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	6.388-465.0					
Hose coupling	2	6.388-458.0					with female thread

[■] Included in delivery.

Available accessories.

Extension hose.