



HD 10/15-4 Cage Food

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









1 Complies with the most rigorous hygiene requirements

- Non-corrosive stainless steel.
- All parts in contact with water are made from special food-grade brass.

2 Particularly effective cleaning

- Booster pump for feed temperature of up to 85°C.
- Approved for RM 734 chlorinated cleaning agent.

TECHNICAL DATA AND EQUIPMENT.





HD 10/15-4 Cage Food

- Grease-resistant high-pressure hose2 cleaning agent tanks with clear rinsing

Technical data		
Order Number		1.353-908.0
EAN code		4054278157924
Current type	Ph / V / Hz	3 / 400 / 50
Flow rate	I/h	440-990
Operating pressure	bar / MPa	20-145 / 2-14,5
Operating pressure	PSI	290290 / 2100
Max. pressure	bar / MPa	175 / 17,5
Max. water feed temperature	°C	max. 85
Power rating	kW	6,4
Weight	kg	68
Dimensions (L x W x H)	mm	650 × 521 × 1100

Equipment		
High-pressure hose	m	10 / Food industry version / DN 8,400 bar
Spray lance	mm	1050
Power nozzle		I .
Anti-twist system (AVS)		-
Pressure switch control		I .
Enclosed tubular frame with attach- ment point for handling by crane		•
Servo Control		1

■ Included in delivery.















		Order Number	ID	Max. working pressure	Length	Price	Description
Food industry version with unions	on bo	th sides					
High-pressure hose, 10 m ID 8, suitable for food industry, extension 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, extension 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	unio	ns 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
HIgh-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun con- nection	4	6.110-054.0	ID 8	400 bar	20 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With patented AVS connection in the pistol (pivot moun- ted)
Longlife 400 with unions on both si	ides						
High-pressure hose 1.5 m, DN 8, including connectors	5	6.110-024.0	ID 8	400 bar	1,5 m		1.5 m high-pressure hose (DN 8, M 22×1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22×1.5).
	6	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						
Hand trigger gun only for replacement	1	4.118-015.0				
Servo Control						
Servo Control - high-grade steel version	2	4.118-016.0	750-1100 l/h			
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	Nozzle size		Price	Description
Power nozzle spray angle 25°						
	1	2.113-012.0	62			
Power nozzle spray angle 15°						
Power nozzle spray angle 15°	2	2.113-049.0	70			Fan jet nozzle with 15° spray angle suitable for stubborn dirt.

[■] Included in delivery.

Available accessories.

Extension hose.





		Order Number			Price	Description
Y distributor		<u> </u>				
Y distributor	1	4.111-024.0				
Chemical pick-up set						
Chemical take up set	2	2.641-944.0				
Foam lance holder set						
Foam lance holder set						,

[■] Included in delivery.

Available accessories.

Extension hose.























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					Diame-			
		Order Number	Flow rate	Nozzle size	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 ME								
FR 30 ME surface cleaner	6	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	7	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) 850 - 1100 l/h	8	2.640-442.0	850-1100 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).	
Machine-specific nozzle kits for FF	۲V							
Nozzle pack 080	9	2.642-982.0		80				
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						

[■] 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			,	,		
	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 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			1			
Adapter 1 M22AG-TR22AG	7					
Adapter 2 M22IG-TR22AG	8					
Adapter 3 M22IG-TR22AG	9					1400 456 1 1 1 1 1 5 1 1 6
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 and low pressure (without nozzles)	15	4.637-032.0				Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.
Detergent injector for high pressure	16	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. 3.637-170.0 750-1000 I/h	17	4.769-047.0				For HD/HDS 750 - 1000 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.	18	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 I/h	19	4.769-001.0				For low pressure with machines up to 1.100 l/h







		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: 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 0065	3	2.112-026.0	65			
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.









		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				
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							
Pipe cleaning nozzle	4	5.763-019.0		65	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.
Rotating pipe cleaning nozzle	5	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.





			Max. working					
		Order Number	_	Nozzle size		Price	Description	
Dirt blaster, large								
Dirt blaster - without changeover function	1	4.114-030.0	300 bar	70			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.













		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	3	2.112-008.0				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	4	2.112-011.0				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 Se	t					
Nozzle kit 090 Inno/Easy kit 700 - 1000 I/h	5	2.111-019.0	700-1000 l/h			Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 I/h. For optimal foam system performance.
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, stainless 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.





		ı			1	
			Max. working			
		Order Number	pressure	Length	Price	Description
Rotating spray lances						
Lance 250 mm, non-rotatable	1		300 bar	250 mm		
550 mm lance, non-rotatable	2	-	300 bar	400 mm		
Rotatable lance, 600 mm, ergonomic	3	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-	4	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.
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. 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	1	1			1	
Telescopic jet pipe	11		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.
Additional handle	1			1		,
	15	4.321-380.0				









		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				

[■] Included in delivery.

Available accessories.

Extension hose.









		Order Number	Length	Diameter		Price	Description	
Geka coupling								
With hose nozzle, R 3/4"	1	6.388-455.0					with hose liner	
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.	

[■] Included in delivery.

Available accessories.

Extension hose.