



#### **HD 10/25-4 Cage Plus**

Special class 3-phase cold water high-pressure cleaner for continuous operation in tough operating conditions. With tough steel frame.









#### 1 Powder-coated cage frame

- Ergonomic grip and hose storage.
- Protects the unit from damage.

#### 2 Fine-mesh water filter

- Protects high-pressure pump from dirt ingress.
- Easy to use, easy to clean.

#### TECHNICAL DATA AND EQUIPMENT.





#### HD 10/25-4 Cage Plus

- With integral crane attachment point
- Heavy-duty design

Technical data		
Order Number		1.353-902.0
EAN code		4054278157863
Current type	Ph / V / Hz	3 / 400 / 50
Flow rate	I/h	1000
Operating pressure	bar / MPa	250 / 25
Max. pressure	bar / MPa	273 / 27,3
Max. water feed temperature	°C	60
Power rating	kW	9,2
Weight	kg	62
Dimensions (L x W x H)	mm	547 × 543 × 1104

Equipment		
Trigger gun		EASY!Force Advanced
High-pressure hose	m	10
Spray lance	mm	1050
Power nozzle		
Dirt Blaster spray lance		I
Anti-twist system (AVS)		=
Pressure switch control		I
High pressure lance		I
Servo Control		-

■ Included in delivery.





















		Order Number	ID	Max. working pressure	Length	Price	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, 25 m DN 10, extension, not rotatable	5	6.110-044.0	ID 10	220 bar	25 m		with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar
Hose assembly premium DN12 21MPa 15m	6	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	7	6.110-060.0	ID 12	210 bar	40 m		protection.
Longlife 400 with unions on both si	des						
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup- ling	8	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	9	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	10	6.110-029.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5
High-pressure hose 1.5 m, DN 8, including connectors	11	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).
	12	6.110-069.0	ID 8	400 bar	1,5 m		
High-pressure hose packaged	13	6.110-038.0	ID 8	400 bar	10 m		

<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.	
Quick connect							
Quick-fitting pipe union coupler trapezo	2	2.115-000.0					
Quick-fitting pipe union plug nipp- le tra	3	2.115-001.0					

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





		T				
		Order Number	Nozzle size		Price	Description
Power nozzle spray angle 25°						
Power nozzle spray angle 25°	1	2.113-009.0	47			Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.
HP nozzle spray angle 0°						
High-pressure nozzle spray angle °0	2	2.113-034.0	50			High-pressure nozzle with powerful jet for extremely stubborn dirt.
Power nozzle spray angle 40°						
Power nozzle spray angle 40°	3	2.113-054.0	50			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





		Order Number	Max. working pressure	Length	Price	Description	
Rotating spray lances							
1050 mm lance, rotatable, ergonomic	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.	•
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, ergonomic	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, 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 ergonomic 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.	
Gutter cleaner							
Gutter cleaning lance	10	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	11	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			
	12	4.321-380.0					

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





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

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.























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		Order Number	Flow rate	Nozzle size	Diame- ter	1	Price	Description	
Hard Surface Cleaner FRV 30		<u> </u>		'					
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 kit 050 for FRV 30	9	2.642-433.0		50					
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							

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.































		Order Number				Price	Description	
Nozzle union					I			
Protection part TR only for replacement	1	4.112-011.0						
Coupling parts					ı			
	2	6.987-705.0						
Rotary coupling	١ ،	L 4 4 4 4 0 2 4 0 L	1	1	ı	1	Markey arkey are like any arke knicking and highing of	
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: $1x M 22 \times 1.5$ and $1x M 18 \times 1.5$ .	
	6	4.111-038.0						
Adapter EASY!Lock					ı	1		
Adapter 1 M22AG-TR22AG		4.111-029.0						
Adapter 2 M22IG-TR22AG	8	4.111-030.0						
Adapter 3 M22IG-TR22AG	9	4.111-031.0					1400 456 1 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 connec- tion.	
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						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		1	1					
Machine-specific nozzle kit with order no. 3.637-170.0 750-1000 l/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 l/h	19	4.769-001.0					For low pressure with machines up to 1.100 l/h	









		Order Number	Max. working	Nozzle size		Price	Description
Trials assules		Order Northber	pressure	NUZZIE SIZE		Price	Description
Triple nozzles	1	1	ı	ı			
Triple nozzle 050	1	4.117-037.0	300 bar	50			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.
Angle vario nozzle 0°-90°							
Spezial nozzle 0005	2	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, large							
Dirt blaster - without changeover function	3	4.114-027.0	300 bar	50			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.







		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 0050	3	2.112-023.0	50				
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.

<sup>■</sup> 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							
Drain cleaning dirt blaster D 25/060	4	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	5	6.415-947.0		60	30 mm		necessary forward movement, as well as convenient handling.
Drain cleaning dirt blaster D 35/060	6	6.415-949.0		60	35 mm		[
Pipe cleaning nozzle	7	5.763-015.0		55	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	5.763-017.0		50	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	6.415-428.0		50	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.

<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.
Nozzle kits for Inno/Easy Foam Set						
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 l/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.

<sup>■</sup> 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.

<sup>■</sup> 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.

<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".
Backflow check valve							
Backflow preventer	7	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.