



## HD 20/15-4 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 2000 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.



## HD 20/15-4 Cage Plus

- Powder-coated tubular steel frame
- Automatic soft start and high-end trigger gun
- Puncture proof wheels for maximum mobility

### Technical data

<b>Order Number</b>		1.353-906.0
<b>EAN code</b>		4054278157900
<b>Current type</b>	<b>Ph / V / Hz</b>	3 / 400 / 50
<b>Flow rate</b>	<b>l/h</b>	500-2000
<b>Operating pressure</b>	<b>bar / MPa</b>	30-150 / 3-15
<b>Max. pressure</b>	<b>bar / MPa</b>	190 / 19
<b>Max. water feed temperature</b>	<b>°C</b>	max. 60
<b>Power rating</b>	<b>kW</b>	11
<b>Weight</b>	<b>kg</b>	110
<b>Dimensions (L x W x H)</b>	<b>mm</b>	957 × 686 × 1080

### Equipment

<b>Trigger gun</b>		Industry
<b>High-pressure hose</b>	<b>m</b>	15 / Premium quality / ID 8, 315 bar
<b>Spray lance</b>	<b>mm</b>	1050
<b>Power nozzle</b>		■
<b>Dirt Blaster spray lance</b>		■
<b>Anti-twist system (AVS)</b>		-
<b>Pressure switch control</b>		■
<b>Infinitely variable pressure and water flow control on the unit</b>		■
<b>High pressure lance</b>		■
<b>Servo Control</b>		■

■ Included in delivery.

# ACCESSORIES FOR HD 20/15-4 CAGE PLUS

## 1.353-906.0

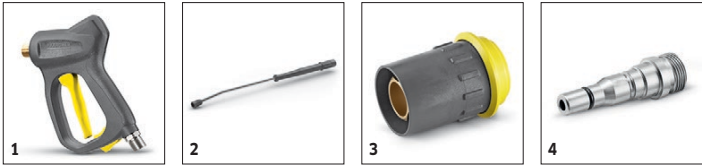
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		Order Number	ID	Max. working pressure	Length		Price	Description	
Standard with unions on both sides									
High-pressure hose, 15 m DN 10, 220 bar, extension	1	6.110-042.0	ID 10	220 bar	15 m			15 m high-pressure hose M 22 x 1.5) with kink protection 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				▲
Hose assembly premium DN12 21MPa 15m	4	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 protection.	▲
Hose assembly premium DN12 21MPa 40m	5	6.110-060.0	ID 12	210 bar	40 m				▲
Longlife 400 with unions on both sides									
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.

ACCESSORIES FOR HD 20/15-4 CAGE PLUS  
1.353-906.0



		Order Number	Flow rate					Price	Description	
Trigger guns										
High end high-pressure trigger gun	1	4.118-011.0								■
Servo Control										
Servo control	2	4.118-009.0	1100 l/h							■
Quick connect										
Quick-fitting pipe union coupler trapezo	3	2.115-000.0								<input type="checkbox"/>
Quick-fitting pipe union plug nipple tra	4	2.115-001.0								<input type="checkbox"/>

■ Included in delivery.    ☐ Available accessories.    ▲ Extension hose.

ACCESSORIES FOR HD 20/15-4 CAGE PLUS  
1.353-906.0



		Order Number	Nozzle size				Price	Description	
Power nozzle spray angle 25°									
Power nozzle TR for replacement 25125	1	2.113-029.0	125						■

■ Included in delivery.    □ Available accessories.    ▲ Extension hose.

ACCESSORIES FOR HD 20/15-4 CAGE PLUS  
1.353-906.0



		Order Number	Max. working pressure	Nozzle size			Price	Description	
Dirt blaster, large									
Dirt blaster - without changeover function	1	4.114-049.0	300 bar	130					■

■ Included in delivery.    □ Available accessories.    ▲ Extension hose.

# ACCESSORIES FOR HD 20/15-4 CAGE PLUS

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		Order Number	Max. working pressure	Length			Price	Description	
<b>Rotating spray lances</b>									
1050 mm lance, rotatable, ergonomic	1	4.112-000.0	300 bar	1050 mm				1050 mm stainless steel lance (manual coupling) with ergonomic 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 ergonomic 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.	□
<b>Double lance</b>									
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).	□
<b>Angular spray lance</b>									
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.	□
<b>Flexible spray lance</b>									
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.	□
<b>Telescopic spray lance</b>									
Telescopic jet pipe	11	4.112-037.0	225 bar	5400 mm					□
<b>Gutter cleaner</b>									
Gutter cleaning lance	12	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.	□
<b>Undercarriage spray lance</b>									
Underbody lance	13	4.112-032.0		700 mm				Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	□
<b>Additional handle</b>									
	14	4.321-380.0							□

■ Included in delivery. □ Available accessories. ▲ Extension hose.

# ACCESSORIES FOR HD 20/15-4 CAGE PLUS

## 1.353-906.0



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

■ Included in delivery.    □ Available accessories.    ▲ Extension hose.



# ACCESSORIES FOR HD 20/15-4 CAGE PLUS

## 1.353-906.0



		Order Number	Flow rate	Nozzle size	Diameter		Price	Description	
Machine-specific nozzle kits for FRV									
Nozzle 126	1	2.643-768.0		126					<input type="checkbox"/>

■ Included in delivery.    □ Available accessories.    ▲ Extension hose.

# ACCESSORIES FOR HD 20/15-4 CAGE PLUS

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		Order Number						Price	Description	
<b>Nozzle union</b>										
Protection part TR only for replacement	1	4.112-011.0								<input type="checkbox"/>
<b>Rotary coupling</b>										
Rotary coupling	2	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.	<input type="checkbox"/>
<b>Coupling</b>										
Coupler -2xM22x1,5	3	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.	<input type="checkbox"/>
<b>Connector</b>										
Nozzle connector/screw connector	4	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.	<input type="checkbox"/>
	5	4.111-038.0								<input type="checkbox"/>
<b>Adapter EASY!Lock</b>										
Adapter 1 M22AG-TR22AG	6	4.111-029.0								<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	7	4.111-030.0								<input type="checkbox"/>
Adapter 3 M22IG-TR22AG	8	4.111-031.0								<input type="checkbox"/>
Adapter M22 - Swivel	9	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.	<input type="checkbox"/>
Adapter 5 TR22IG-M22AG	10	4.111-033.0								<input type="checkbox"/>
Adapter 6 TR22IG-M22AG	11	4.111-034.0								<input type="checkbox"/>
Adapter 7 M18IG-TR20AG	12	4.111-035.0								<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	13	4.111-036.0								<input type="checkbox"/>
<b>HP detergent injector</b>										
Cleaning agent dosing kit for HD 25/15-4 and HD 20/15-4 Cage Plus	14	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).	<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 20/15-4 CAGE PLUS  
1.353-906.0



		Order Number	Flow rate				Price	Description	
Cup foam lance									
Packing complete for 6.394-968.0	1	2.112-017.0							<input type="checkbox"/>
Tank 1L	2	6.414-954.0							<input type="checkbox"/>
Foam nozzle mounting kit									
Foam nozzle kit	3	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.	<input type="checkbox"/>

■ Included in delivery.    □ Available accessories.    ▲ Extension hose.

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		Order Number	Length					Price	Description	
<b>Hose reel add-on kit</b>										
Hose reel kit, powder-coated, for HD Cage super class	1	2.110-002.0	40 m							<input type="checkbox"/>
<b>Automatic, self-winding hose reels</b>										
Add-on kit hose reel plastics	2	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.	<input type="checkbox"/>
Add-on kit hose reel	3	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.	<input type="checkbox"/>
Hose reel, automatic, 20 m, painted	4	6.392-106.0	20 m						Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
	5	6.392-105.0	20 m							<input type="checkbox"/>
Hose reel, automatic, 20 m, stainless steel	6	6.392-076.0	20 m						Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
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 corrosion-resistant, watertight capsuled spring drive. Connection for HP hoses with nipple.	<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 20/15-4 CAGE PLUS  
1.353-906.0



		Order Number	Flow rate				Price	Description	
Rotating washing brush									
	1	4.113-002.0	800-1300 l/h						<input type="checkbox"/>
	2	4.113-005.0	800-1300 l/h						<input type="checkbox"/>

■ Included in delivery.    □ Available accessories.    ▲ Extension hose.