



## HDS 10/20-4 M

Medium class hot water high-pressure cleaner with a host of user-friendly features. With 3-phase power supply for higher performance.

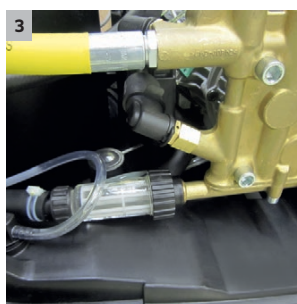


### 1 Efficiency

- In the Eco setting the unit operates in the most economical temperature range (60°C) with full water flow.
- Burner cycles are optimised to reduce fuel consumption by up to 20% compared to full-load operation.

### 2 Maximum efficiency

- Highly efficient burner technology.
- 4-pole electric motor with 3 piston axial pump.



### 3 Operational reliability

- The large, integrated fine-mesh water filter reliably protects the high-pressure pump against dirt particles.
- An integrated exhaust gas thermostat switches off the drive motor if the exhaust gas temperature exceeds 300°C.

### 4 Storage

- Safe and ample storage for protective gear, accessories and cleaning agents.
- Storage hooks for power cord and high-pressure hose.





## HDS 10/20-4 M

- Economical ecoefficiency mode
- Two detergent tanks
- Three-phase motor: water-cooled

### Technical data

<b>Order Number</b>		1.071-902.0
<b>EAN code</b>		4054278140230
<b>Current type</b>	<b>Ph / V / Hz</b>	3 / 420 / 50
<b>Flow rate</b>	<b>l/h</b>	500-1000
<b>Pressure</b>	<b>bar / MPa</b>	30-200 / 3-20
<b>Max. temperature</b>	<b>°C</b>	80 / 155
<b>Power rating</b>	<b>kW</b>	7,8
<b>Consumption fuel oil</b>	<b>kg/h</b>	6,4
<b>Fuel tank</b>	<b>l</b>	25
<b>Weight</b>	<b>kg</b>	171
<b>Dimensions (L x W x H)</b>	<b>mm</b>	1330 x 750 x 1060

### Equipment

<b>Trigger gun</b>		EASY!Force Advanced	<b>Electronic service control with LED display</b>	■
<b>High-pressure hose</b>	<b>m</b>	10 / Longlife	<b>Two detergent tanks</b>	■
<b>Spray lance</b>	<b>mm</b>	1050	<b>Dry running protection</b>	■
<b>Power nozzle</b>		■		
<b>Servo Control</b>		■		
<b>Anti-twist system (AVS)</b>		-		
<b>Tanks for detergent, scale inhibitor and fuel can be filled from outside</b>		■		
<b>Control panel with indicator lamps</b>		■		
<b>Three piston axial pump</b>		with ceramic piston		
<b>Pressure switch control</b>		■		
<b>Pole reversing plug (three-phase)</b>		■		

■ Included in delivery.

# ACCESSORIES FOR HDS 10/20-4 M

## 1.071-902.0

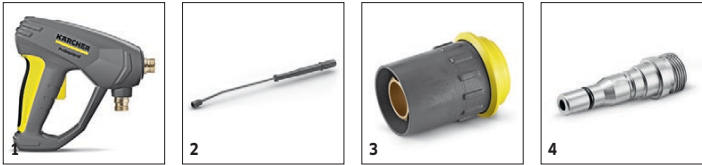
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		Order Number	ID	Max. working pressure	Length		Price	Description
Standard with unions on both sides								
High-pressure hose, 10 m DN 8, AVS trigger gun connector	1	6.110-031.0	ID 8	315 bar	10 m			10 m high-pressure hose (M 22 x 1.5) with kink protection. 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, 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.  with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar
High-pressure hose, 20 m DN 10, 220 bar, extension	6	6.110-043.0	ID 10	220 bar	20 m			
High-pressure hose, 25 m DN 10, extension, not rotatable	7	6.110-044.0	ID 10	220 bar	25 m			
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m			
Hose assembly premium DN12 21MPa 15m	9	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	10	6.110-060.0	ID 12	210 bar	40 m			
Longlife 400 with unions on both sides								
High-pressure hose Longlife 400, 30 m DN 8, including rotary coupling	11	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	12	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 coupling	13	6.110-029.0	ID 8	400 bar	15 m			With rotary coupling, 2 x M 22 x 1.5
High-pressure hose packaged	14	6.110-038.0	ID 8	400 bar	10 m			
High-pressure hose 1.5 m, DN 8, including connectors	15	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).
Food industry version with unions on both sides								
High-pressure hose, 10 m ID 8, suitable for food industry, extension piece	16	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	17	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. Connectors at both ends, M 22 x 1.5, with kink protection. NW 8/155°C/250 bar.
Longlife food industry version with unions on both sides								
High pressure hose food DN 8 / 10 m	18	6.110-053.0	ID 8	400 bar	10 m			Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1.5

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

# ACCESSORIES FOR HDS 10/20-4 M

## 1.071-902.0



		Order Number	Flow rate				Price	Description	
<b>Trigger guns</b>									
Extended easy press trigger gun	1	4.118-005.0						Extended easy press high-pressure trigger gun for high-pressure hoses with rotating connector.	■
<b>Servo Control</b>									
Servo control	2	4.118-008.0	750-1100 l/h						□
<b>Quick connect</b>									
Quick-fitting pipe union coupler trapezo	3	2.115-000.0							□
Quick-fitting pipe union plug nipple tra	4	2.115-001.0							□

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

# ACCESSORIES FOR HDS 10/20-4 M 1.071-902.0

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		Order Number	Nozzle size				Price	Description	
<b>Power nozzle spray angle 25°</b>									
Power nozzle spray angle 25°	1	2.113-024.0	52					Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	■
<b>HP nozzle spray angle 0°</b>									
High-pressure nozzle spray angle 0°	2	2.113-035.0	55					High-pressure nozzle with powerful jet for extremely stubborn dirt.	□
<b>Power nozzle spray angle 15°</b>									
Power nozzle spray angle 15°	3	2.113-047.0	55					Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	□
<b>Power nozzle spray angle 40°</b>									
Power nozzle spray angle 40°	4	2.113-055.0	55					Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	□

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



# ACCESSORIES FOR HDS 10/20-4 M

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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.	□
Jet pipe extension TR 1000 mm	8	4.112-048.0	300 bar	1000 mm				□
<b>Double lance</b>								
Double lance 960 mm	9	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	10	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	11	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	12	4.112-037.0	225 bar	5400 mm				□
Restraint belt for telescopic jet pipe	13	6.373-987.0					Convenient strap for relief when working with the telescopic spray lance (6.394-690). The burden is optimally distributed on the body and longer periods of use are possible.	□
<b>Gutter cleaner</b>								
Gutter cleaning lance	14	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	15	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>								
	16	4.321-380.0						□
<b>Weed control</b>								
WR 50 trapezoidal thread	17	2.114-013.0						□
WR 20 trapezoidal thread	18	2.114-014.0						□

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

# ACCESSORIES FOR HDS 10/20-4 M 1.071-902.0

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		Order Number						Price	Description	
<b>Crane lifting kit</b>										
Crane loading kit for HDS middle and super class	1	2.642-424.0							Effortless loading by crane.	<input type="checkbox"/>
<b>Grey wheel kit</b>										
Grey wheel kit HDS M/S	2	2.641-975.0								<input type="checkbox"/>
<b>Flame monitoring attachment kit</b>										
ABS flame monitor for HDS M/S	3	2.641-796.0							More safety thanks to ABS HDS M/S flame monitoring system: A light sensor monitors the burner flame. The fuel supply cuts out automatically if the flame extinguishes.	<input type="checkbox"/>
<b>Y distributor</b>										
Y distributor	4	4.111-024.0								<input type="checkbox"/>
<b>Accumulator kits</b>										
Add-on accumulator for HDS M/S	5	2.641-803.0							The accumulator can be mounted on the HDS machine in order to dampen pressure surges, which conserves the machine's line system.	<input type="checkbox"/>
<b>Remote control set</b>										
Remote control set	6	2.642-157.0								<input type="checkbox"/>
<b>Coin-op remote control</b>										
Coin-op remote control	7	2.642-158.0								<input type="checkbox"/>

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

# ACCESSORIES FOR HDS 10/20-4 M 1.071-902.0

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		Order Number	Flow rate	Nozzle size		Price	Description	
<b>Hard Surface Cleaner FRV 30</b>								
Add-on kit hose attachment	1	2.642-528.0						<input type="checkbox"/>
Add-on kit dirt trap	2	2.642-532.0						<input type="checkbox"/>
<b>Hard surface cleaner FR 30 ME</b>								
FR 30 ME surface cleaner	3	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.	<input type="checkbox"/>
<b>Hard Surface Cleaner FR 50</b>								
FR 50 surface cleaner	4	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.	<input type="checkbox"/>
<b>Machine-specific nozzle kit for FR</b>								
Nozzle kit for surface cleaners (type-specific) 850 - 1100 l/h	5	2.640-442.0	850-1100 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).	<input type="checkbox"/>
<b>Machine-specific nozzle kits for FRV</b>								
Nozzle pack 080	6	2.642-982.0		80				<input type="checkbox"/>
<b>Hard surface cleaner FRV 30 Me</b>								
Suction hose FRV 30 me	7	4.441-040.0						<input type="checkbox"/>
FRV 30 ME	8	2.111-012.0						<input type="checkbox"/>
<b>Surface Cleaner FR 50 Me</b>								
	9	2.111-024.0						<input type="checkbox"/>

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# ACCESSORIES FOR HDS 10/20-4 M

## 1.071-902.0

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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>Spacer (including nozzle union)</b>											
Spacer (incl.nozzle union)	2	5.394-294.0								Guarantees constant safety clearance, e.g. for tyres and bodywork. Helps prevent damage to sensitive surfaces. Mounts directly to lance.	<input type="checkbox"/>
<b>Coupling parts</b>											
	3	6.987-705.0									<input type="checkbox"/>
<b>Rotary coupling</b>											
Rotary coupling	4	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	5	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	6	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"/>
	7	4.111-038.0									<input type="checkbox"/>
<b>Adapter EASY!Lock</b>											
Adapter 1 M22AG-TR22AG	8	4.111-029.0									<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	9	4.111-030.0									<input type="checkbox"/>
Adapter 3 M22IG-TR22AG	10	4.111-031.0									<input type="checkbox"/>
Adapter M22 - Swivel	11	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	12	4.111-033.0									<input type="checkbox"/>
Adapter 6 TR22IG-M22AG	13	4.111-034.0									<input type="checkbox"/>
Adapter 7 M18IG-TR20AG	14	4.111-035.0									<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	15	4.111-036.0									<input type="checkbox"/>
<b>Flue pipe</b>											
Flue gas adapter	16	4.656-149.0								Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).	<input type="checkbox"/>
	17	4.656-080.0									<input type="checkbox"/>
<b>HP detergent injector</b>											
	18	6.645-762.0									<input type="checkbox"/>
	19	6.500-000.0									<input type="checkbox"/>
Detergent injector for high and low pressure (without nozzles)	20	4.637-032.0								Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	<input type="checkbox"/>
Detergent injector for high pressure	21	4.637-033.0								Cleaning agent dosage at high pressure 3 - 5 %	<input type="checkbox"/>
<b>Machine-specific nozzle kit with order no. 3.637-170</b>											
Machine-specific nozzle kit with order no. 3.637-170.0 1000-1200 l/h l/h	22	4.769-048.0								For HD/HDS 1000 - 1200 l/h. Consists of nozzle insert + HP power nozzle + union	<input type="checkbox"/>

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

ACCESSORIES FOR HDS 10/20-4 M  
1.071-902.0



		Order Number					Price	Description	
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.	23	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.	<input type="checkbox"/>
Low pressure for units rated up to 1100 l/h	24	4.769-001.0						For low pressure with machines up to 1.100 l/h	<input type="checkbox"/>

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

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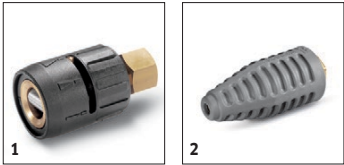


		Order Number	Max. working pressure	Nozzle size		Price	Description	
<b>Barrel and tank cleaning</b>								
	1	2.112-020.0						<input type="checkbox"/>
<b>HKF 50 spray head, brass</b>								
HKF 50 spray head , brass	2	3.631-039.0					Depth of immersion 850 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally	<input type="checkbox"/>
	3	3.631-058.0						<input type="checkbox"/>
<b>Nozzle kit for HKF 50 spray head (3.631-009.0 / 3.631-039.0)</b>								
Nozzle 030 for dual nozzle operation HKF 50	4	6.415-444.0		30			Nozzle for dual-nozzle operation	<input type="checkbox"/>
Nozzle 090 for single nozzle operation HKF 50	5	6.415-447.0		90			Nozzle for single-nozzle operation	<input type="checkbox"/>
Cone for plugging into bungholes	6	4.132-002.0					Cone for plugging into bungholes	<input type="checkbox"/>
Double handle for exact control of the spray head	7	2.863-036.0					Double handle. Precise control of the spray head	<input type="checkbox"/>
Screw plug for using a spray head with one nozzle	8	5.411-061.0					Screw plug for using a spray head with one nozzle	<input type="checkbox"/>
Nozzle 070 for HKF 50	9	6.415-077.0		70			Nozzle for dual-nozzle operation	<input type="checkbox"/>
<b>Pipe cleaning hose, ID 6</b>								
Hose assembly TR pipe cleaning DN6 max.2	10	6.110-046.0	250 bar					<input type="checkbox"/>
Pipe cleaning hose, DN 6, 20 m, 220 bar	11	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).	<input type="checkbox"/>
Hose assembly TR pipe cleaning DN6 max.2	12	6.110-047.0	250 bar					<input type="checkbox"/>
<b>Pipe cleaning nozzle</b>								
Drain cleaning dirt blaster D 25/060	13	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 necessary forward movement, as well as convenient handling.	<input type="checkbox"/>
Drain cleaning dirt blaster D 30/060	14	6.415-947.0		60	30 mm			<input type="checkbox"/>
Drain cleaning dirt blaster D 35/060	15	6.415-949.0		60	35 mm			<input type="checkbox"/>
Nozzle pipe cleaning size 120	16	5.763-089.0		120	16 mm		Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	<input type="checkbox"/>
Pipe cleaning nozzle	17	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
	18	5.763-016.0		60	16 mm			<input type="checkbox"/>
	19	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.	<input type="checkbox"/>
Rotating pipe cleaning nozzle	20	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.	<input type="checkbox"/>

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

# ACCESSORIES FOR HDS 10/20-4 M

## 1.071-902.0



		Order Number	Max. working pressure	Nozzle size			Price	Description	
<b>Angle vario nozzle 0°-90°</b>									
Spezial nozzle 0005	1	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.	<input type="checkbox"/>
<b>Dirt blaster, large</b>									
Dirt blaster - without changeover function	2	4.114-036.0	300 bar	55				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.	<input type="checkbox"/>

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

# ACCESSORIES FOR HDS 10/20-4 M 1.071-902.0

**KÄRCHER**



		Order Number	Nozzle size				Price	Description	
<b>Wet blasting attachment (without nozzle)</b>									
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
<b>Nozzle pack for wet blasting attachment</b>									
Nozzle pack TR wet jet set 0055	3	2.112-024.0	55						<input type="checkbox"/>
<b>Boron carbide nozzle</b>									
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.	<input type="checkbox"/>

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

# ACCESSORIES FOR HDS 10/20-4 M

## 1.071-902.0

**KÄRCHER**



		Order Number	Flow rate				Price	Description	
<b>Cup foam lance</b>									
Packing complete for 6.394-969.0	1	2.112-018.0							<input type="checkbox"/>
Tank 1L	2	6.414-954.0							<input type="checkbox"/>
<b>Inno Foam Set</b>									
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.	<input type="checkbox"/>
Inno foam kit	4	2.112-008.0							<input type="checkbox"/>
<b>Easy Foam Set</b>									
Easy Foam Set with RM injector	5	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.	<input type="checkbox"/>
Easy foam set	6	2.112-011.0							<input type="checkbox"/>
<b>Nozzle kits for Inno/Easy Foam Set</b>									
Nozzle kit 090 Inno/Easy kit 700 - 1000 l/h	7	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.	<input type="checkbox"/>
<b>Foam nozzle mounting kit</b>									
Foam nozzle kit	8	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.



# ACCESSORIES FOR HDS 10/20-4 M

## 1.071-902.0

**KÄRCHER**

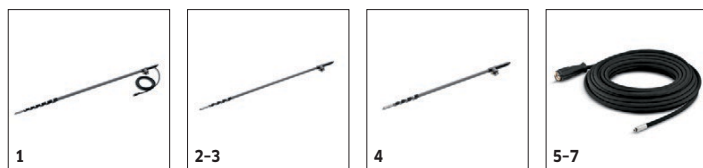


		Order Number	Length					Price	Description	
<b>Automatic, self-winding hose reels</b>										
Add-on kit hose reel HDS M/S	1	2.110-011.0	20 m						Automatic hose reel as a complete attachment kit that's easy to mount. Suitable for HDS medium and super class. For maximum convenience when winding and unwinding the high-pressure hose.	<input type="checkbox"/>
Add-on kit holder for automatic hose reel HDS-M	2	2.643-040.0								<input type="checkbox"/>
Add-on kit hose reel plastics	3	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	4	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	5	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"/>
	6	6.392-105.0	20 m							<input type="checkbox"/>
Hose reel, automatic, 20 m, stainless steel	7	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	8	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"/>
Swivel holder	9	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.	<input type="checkbox"/>
ABS wall fastening stainless steel	10	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.	<input type="checkbox"/>

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

# ACCESSORIES FOR HDS 10/20-4 M 1.071-902.0

**KÄRCHER**



		Order Number	Flow rate	Water feed temperature	Length	Length	Price	Description	
<b>Solar cleaning - telescopic lances</b>									
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.	<input type="checkbox"/>
Telescopic rod complete 10m CFK	2	4.110-007.0		max. 60 °C					<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
	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.	<input type="checkbox"/>
	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.	<input type="checkbox"/>

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

ACCESSORIES FOR HDS 10/20-4 M  
1.071-902.0



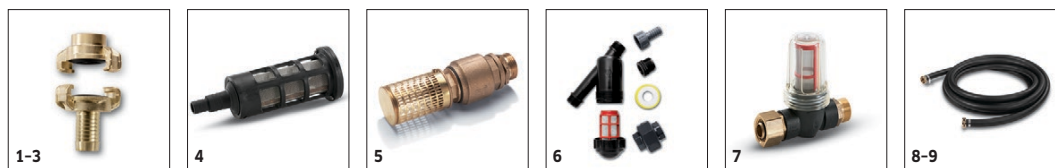
		Order Number	Flow rate				Price	Description	
Push-on washing brush									
Push-on wash brush, M 18 x 1.5	1	4.113-001.0						Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	<input type="checkbox"/>
Rotating washing brush									
	2	4.113-002.0	800-1300 l/h						<input type="checkbox"/>
	3	4.113-005.0	800-1300 l/h						<input type="checkbox"/>

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

# ACCESSORIES FOR HDS 10/20-4 M

## 1.071-902.0

**KÄRCHER**



		Order Number	Length	Diameter		Price	Description	
<b>Geka coupling</b>								
With hose nozzle, R 3/4"	1	6.388-455.0					with hose liner	<input type="checkbox"/>
With hose nozzle, R 1"	2	6.388-465.0						<input type="checkbox"/>
Hose coupling	3	6.388-458.0					with female thread	<input type="checkbox"/>
<b>Suction filter</b>								
Water filter	4	6.414-956.0						<input type="checkbox"/>
Suction filter with check valve	5	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	<input type="checkbox"/>
<b>Fine-mesh water filter</b>								
Fine-mesh water filter with adapter	6	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".	<input type="checkbox"/>
Fine-mesh water filter, 100 µm, R 1"	7	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".	<input type="checkbox"/>
<b>Water supply hose</b>								
Water supply hose	8	4.440-207.0	7,5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	<input type="checkbox"/>
	9	4.440-270.0	7,5 m				NW 19 R1" / R1", up to 85 °C	<input type="checkbox"/>

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