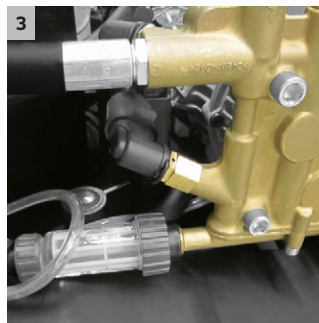




HDS 10/20-4 M Classic

The most powerful three-phase hot water high-pressure cleaner in the Kärcher middle class: HDS 10/20-4 M Classic. With 4-pole, water-cooled electric motor, two cleaning agent tanks and much more.



1 Efficiency

- In the eco!efficiency mode the machine operates in the most economical temperature range (60°C) – with full water flow.
- The burner cycles are optimised to reduce fuel consumption by 20% compared to full-load operation.

2 Maximum efficiency

- Highly efficient, tried-and-tested burner technology.
- Four-pole electric motor with three-piston axial pump.

3 Operational safety

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

4 Mobility concept

- „Jogger“ design with large rubber-tyred wheels and steering roller.
- Sturdy transport eyelets for safe loading during transport.



HDS 10/20-4 M Classic

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

Technical data

Order no.	1.071-425.0	
EAN code	4039784730854	
Current type	Ph / V / Hz	3 / 400 / 50
Flow rate	l/h	500-1000
Pressure	bar / MPa	30-200 / 3-20
Max. temperature	°C	80 / 155
Connection load	kW	7.8
Heating oil or gas consumption, full load	kg/h	6.4
Fuel tank	l	25
Weight	kg	171
Dimensions (L × W × H)	mm	1330 × 750 × 1060

Equipment

Spray gun	Easy Press trigger gun	Pressure cut-off	■
Spray gun with soft grip	■	Pole reverse plug (3-phase)	■
High-pressure hose	m	Service electronics	■
Spray lance	mm	Service electronics with LED display	■
Power nozzle	■	Two detergent tanks	■
Steam nozzle	■	Dry-running protection	■
Servo Control	-		
ANTI!Twist	-		
Anti-twist system (AVS)	■		
Tanks for cleaning agent, calcification protection and fuel can be filled from the outside	■		
Three-piston axial pump	With ceramic pistons		

■ Included in the scope of supply.

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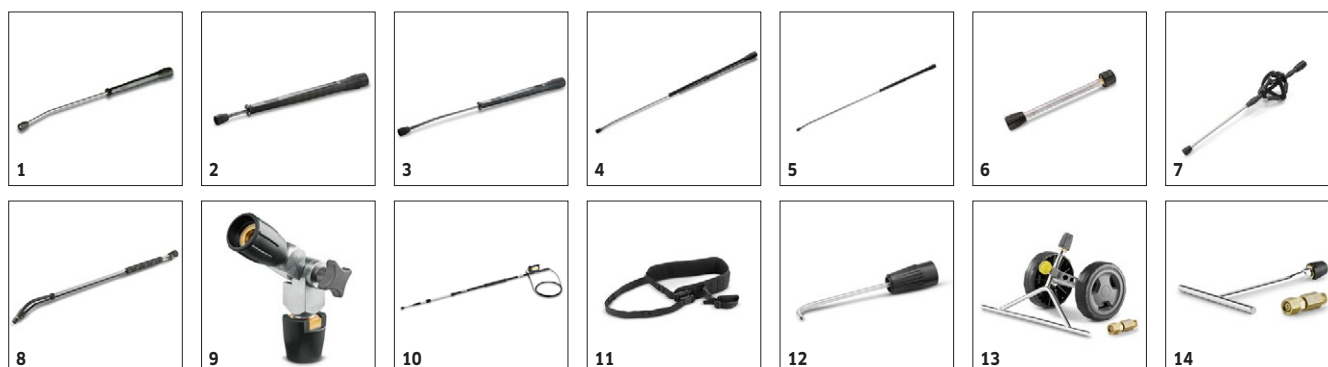
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		Order no.	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose, 10 m, ID 8, 315 bar, extension	1	6.391-342.0	ID 8	315 bar	10 m		To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 x 1.5.	▲
High-pressure hose, 30 m, ID 8, incl. rotary coupling	2	6.390-293.0	ID 8	315 bar	30 m			▲
Longlife 400 with unions on both sides								
High-pressure hose Longlife 400, 10 m, ID 8, extension	3	6.391-354.0	ID 8	400 bar	10 m		To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 x 1.5. With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose Longlife 400, 15 m, ID 8, including rotary coupling	4	6.389-709.0	ID 8	400 bar	15 m			▲
High-pressure hose Longlife 400, 30 m, ID 8, including rotary coupling	5	6.390-294.0	ID 8	400 bar	30 m			▲
High-pressure hose 1.5 m, ID 8, including connectors	6	6.390-178.0	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).	□
Longlife food design with screw connections at both ends								
High pressure hose food ID 8, 10 m	7	6.391-864.0	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	▲
High-pressure hose food industry 400 bar, 20 m, ID 8, including rotary coupling	8	6.391-887.0	ID 8	400 bar	20 m			▲
Longlife 400								
High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection	9	6.391-351.0	ID 8	400 bar	10 m		With patented AVS connection in the trigger gun (rotatable) and hand screw connection, M 22 x 1.5 with kink protection. With double steel reinforcement.	□
Longlife food design								
High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection	10	6.391-885.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With patented AVS connection in the pistol (pivot mounted)	□
High-pressure hose Longlife 400, 20 m, ID 8, AVS trigger gun connection	11	6.391-886.0	ID 8	400 bar	20 m			□
Special hoses								
High-pressure hose, 1.5 m, ID 8, incl. connection parts, curved outflow	12	6.388-886.0	ID 8	400 bar	1.5 m		Connection hose in longlife quality with 2x M22 x 1.5, with angled connection on one side.	□

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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		Order no.	Max. working pressure	Length			Price	Description	
Rotating spray lances									
1050 mm spray pipe, rotatable	1	4.760-660.0	300 bar	1050 mm				1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
600 mm spray pipe, rotatable	2	4.760-664.0	300 bar	600 mm				600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Spray lance, 840 mm, rotatable	3	4.760-663.0	300 bar	840 mm				850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
1550 mm spray pipe, rotatable	4	4.760-661.0	300 bar	1550 mm				1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
2050 mm spray pipe, rotatable	5	4.760-662.0	300 bar	2050 mm				2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Spray lance									
250 mm lance, non-rotatable	6	4.760-667.0		250 mm				250 mm stainless steel lance. With manual coupling. Non-rotatable.	□
Vibrasoft lance	7	6.415-951.0	250 bar	950 mm				The spring-loaded 360° loop handle significantly reduces the vibrations on the spray lance, reducing the physical burden on the user, e.g. when working with the dirt blaster.	□
Flexible spray lance									
Flexible lance 1050 mm	8	6.394-654.0	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.	□
High-pressure M18x1.5 articulated joint	9	4.481-039.0	300 bar					High-pressure articulated joint: Thanks to infinite angle adjustment up to 120°, this tool is ideal to effortlessly clean hard-to-reach areas. Simply attach to the spray lance of the pressure washer.	□
Telescopic spray lance									
Telescopic spray lance	10	6.394-690.0	225 bar	5400 mm				Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach, such as ceilings or facades. With integrated HD trigger gun, M 22 x 1.5 connection with rotary coupling. Connection for M 18 x 1.5 nozzles.	□
Strap for telescopic spray pipe	11	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.	□
Gutter cleaner									
Gutter cleaning lance	12	2.642-305.0						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.	□
Weed control									
WR 50	13	2.643-758.0						In combination with a hot water high-pressure cleaner from Kärcher, the 50 cm wide weed remover WR 50 is ideal for removing weeds. It comes with an adaptive chassis and nozzle adapter.	□
WR 20	14	2.643-760.0						For thorough weed removal: The WR 20 weed remover for use with a hot water high-pressure cleaner from Kärcher. Equipped with a 20 cm wide nozzle bar and nozzle adapter.	□

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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		Order no.	Flow rate				Price	Description	
Trigger guns									
High-end HP trigger gun	1	4.775-823.0						High-end spray guns with optimised flow. Small pressure losses also with water volumes up to 2500 l/h. Robustness and durability for professional use. Food-safe and saltwater-resistant materials offer the best conditions for use in the food sector and in industry. Connector for HP hoses M 22 x 1.5.	☐
Quick connect									
Quick coupling	2	6.401-458.0						For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.	☐
Male coupling	3	6.401-459.0						Hardened stainless steel male coupling for quick coupling 6.401-458. With M 22 x 1.5 external thread.	☐

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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		Order no.	Nozzle size				Price	Description	
Power nozzle spray angle 25°									
25° power nozzle for cleaning agent suction	1	2.884-521.0	250					Brass power nozzle for low pressure operation and cleaning agent suction.	☐

■ Included in the scope of supply. ☐ Available accessories. ▲ Extension hose.

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		Order no.	Max. working pressure	Nozzle size	Diameter	Price	Description	
Pipe cleaning nozzle								
Pipe cleaning dirt blaster D21/060	1	4.765-002.0		60	21 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.	☐
Pipe cleaning dirt blaster D30/060	2	4.765-005.0		60	30 mm			☐
Pipe cleaning nozzle	3	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.	☐
	4	5.763-016.0		60	16 mm			☐
	5	5.763-017.0		50	30 mm		Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R 1/8" connection, 3 x 30° backwards, diameter 30 mm.)	☐
Pipe cleaning dirt blaster D 25 / 060	6	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.	☐
Pipe cleaning dirt blaster D 30 / 060	7	6.415-947.0		60	30 mm			☐
Pipe cleaning dirt blaster D 35 / 060	8	6.415-949.0		60	35 mm			☐

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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		Order no.	Flow rate	Nozzle size	Diameter	Price	Description	
Hard Surface Cleaner FRV 30								
FRV 30 surface cleaner	1	2.642-999.0					With the integrated and automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient. There is no longer a need to rinse the surface after cleaning, as the dirty water can be removed through the 5m suction hose, which is supplied. Additional features include the non-marking steering rollers and double ceramic bearings. Machine specific nozzle kit must be ordered separately.	☐
Rubber lip for FRV 30	2	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.	☐
Machine-specific nozzle kits for FRV								
Nozzle kit 050 - for FRV	3	2.642-433.0		50			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	☐
FRV 30 Me surface cleaner								
FRV 30 Me	4	2.642-911.0					Thanks to automatic suction of the dirty water, the stainless steel FRV 30 Me Surface Cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85°C.	☐
Extension hose FRV 30 Me and FRV 50 Me	5	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	☐
Surface Cleaner FR 50 Me								
FRV 50 ME	6	2.643-598.0					Thanks to automatic suction of the waste water, the stainless steel FRV 50 Me surface cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85 °C. The FRV 50 Me features a temperature-resistant 7.5 m polyurethane suction hose. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1,300 l/h / 85 °C.	☐

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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		Order no.	Flow rate				Price	Description	
Cup foam lance									
Cup foam lance	1	6.394-668.0	1200 l/h					Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	☐
1-litre cleaning agent container for foam lance	2	6.414-954.0						Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 6.394-668)	☐

■ Included in the scope of supply.
 ☐ Available accessories.
 ▲ Extension hose.

HDS 10/20-4 M CLASSIC

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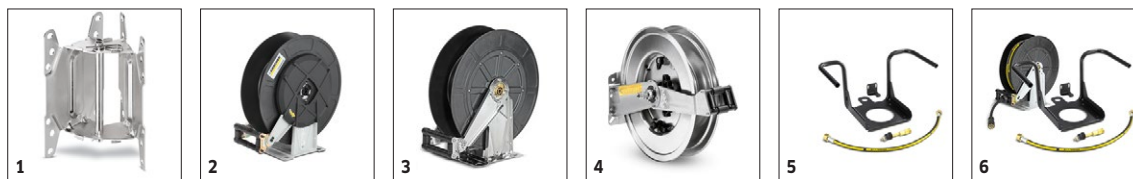
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		Order no.						Price	Description	
Cleaning agent injector										
Stainless steel injector kit for HDS 10/20-4M	1	6.645-762.0							Developed for the HD 10/20-4 M High-pressure cleaner, the stainless steel injector ensures optimal cleaning agent dosage. Supplied with suction hose and filter.	☐
Dosing valve for stainless steel injector	2	6.500-000.0							Retrofittable dosing valve for stainless steel injectors. For easy, convenient and precise cleaning agent dosing adjustment via a control knob.	☐
Rotary coupling										
Rotary coupling	3	4.401-091.0							Reliably prevents twisting of HP hoses. Connection M 22 x 1.5 m. Handle protection	☐
Adapters										
Sealing cone complete	4	4.424-004.0							In order to install high-pressure hose with male coupling on thread with M22 x 1.5 Alternative: 4.111-032.0 Adapter 4 - Device new / Hose old Swivel	☐
EASY!Lock adapter										
Adapter 1 M22AG-TR22AG	5	4.111-029.0							Adapter 1 to connect the old hose with the new hose	☐
Adapter 2 M22IG-TR22AG	6	4.111-030.0							Adapter 2 to connect the old device with the new hose and the old gun with the new hose	☐
Adapter 3 M22IG-TR22AG	7	4.111-031.0							Adapter 3 to connect the old gun with the new spray lance and new servo regulator	☐
Adapter 4 TR22IG-D11	8	4.111-032.0							Adapter 4 to connect the new gun with the old swivel hose	☐
Adapter 5 TR22IG-M22AG	9	4.111-033.0							Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lance	☐
Adapter 6 TR22IG-M22AG	10	4.111-034.0							Adapter 6 to connect the new device with the old hose and the old hose with the new gun	☐
Adapter 7 M18IG-TR20AG	11	4.111-035.0							Adapter 7 to connect the old spray lance with the new nozzle	☐
Adapter 8 TR20IG-M18AG	12	4.111-036.0							Adapter 8 to connect the new spray lance with the old nozzle	☐
Flue pipe										
Flue gas adapter	13	4.656-149.0							Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).	☐
	14	4.656-080.0								☐

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HDS 10/20-4 M CLASSIC

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		Order no.	Length					Price	Description	
Automatic, self-winding hose reels for wall mounting										
Stainless steel swivel holder	1	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.	☐
Automatic hose reel, powder-coated steel / plastic	2	6.392-975.0	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.	☐
Automatic stainless steel / synthetic material hose drum	3	6.392-965.0	20 m						Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.	☐
ABS automatic stainless steel hose drum	4	2.641-866.0	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 sprong drive. Connection for HP hoses with nipple.	☐
Automatic, self-winding hose reel attachment kit										
ABS holder, automatic hose drum HDS M/S	5	2.643-040.0							Holder includes connection material for installing an automatic hose reel to machines in the HDS medium and super classes.	☐
ABS automatic hose drum HDS M/S	6	2.642-957.0							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.	☐

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HDS 10/20-4 M CLASSIC

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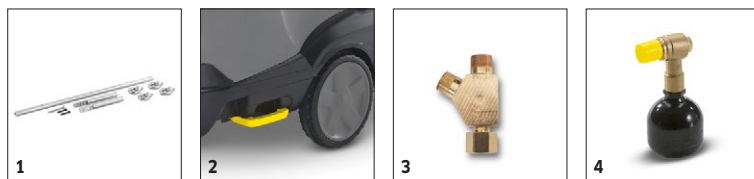
		Order no.	Flow rate	Inlet temperature	Length	Length	Price	Description	
Solar cleaning - telescopic lances									
iSolar HP hose 7	1	6.392-978.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	☐
iSolar HP hose 10	2	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.	☐
iSolar HP hose 14	3	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.	☐

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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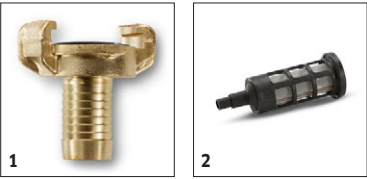


		Order no.					Price	Description	
Attachment kit for transport									
Crane loading attachment kit for HDS Middle and Super Class	1	2.642-424.0						Effortless loading by crane.	☐
Transport eyelet attachment kit	2	2.644-053.0						Robust transport eyelet attachment kit for the secure fixing of HDS Medium and Super Class pressure washers during transport.	☐
Y distributor									
Y distributor	3	4.405-048.0						Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	☐
Accumulator kits									
Pressure tank attachment kit for HDS Middle and Super Class	4	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.	☐

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HDS 10/20-4 M CLASSIC

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		Order no.	Length	Diameter			Price	Description	
Geka coupling									
Geka connector with hose barb, R 1"	1	6.388-465.0						with hose barb	☐
Suction filter									
Water suction filter	2	6.414-956.0						Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve	☐

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HDS 10/20-4 M Classic, 1.071-425.0, 2019-07-26