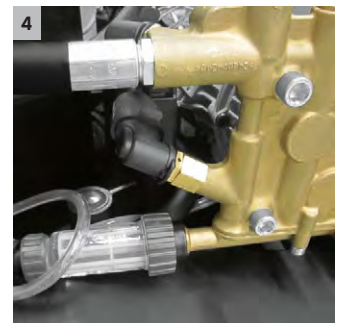




HDS 10/20-4 M

Our new medium and super class hot water pressure washers do a first-class job of cleaning as well as also being extremely rugged and simple to operate.



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 Maximum efficiency

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

4 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.



HDS 10/20-4 M

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

Technical data

Order Number	1.071-900.0	
EAN code	4054278134925	
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
Power rating	kW	7,8
Consumption fuel oil	kg/h	6,4
Heating oil consumption, eco!efficiency	kg/h	5,1
Fuel tank	l	25
number of simultaneous users		1
Weight	kg	168
Dimensions (L x W x H)	mm	1330 x 750 x 1060

Equipment

Trigger gun	20 + 10 l tank EASY!Force Advanced	Pole reversing plug (three-phase)	■
High-pressure hose	m 10 / Longlife	Electronic service control with LED display	■
Spray lance	mm 1050	Two detergent tanks	■
Power nozzle	■	Dry running protection	■
Servo Control	■		
ANTI!Twist	■		
Anti-twist system (AVS)	-		
Tanks for detergent, scale inhibitor and fuel can be filled from outside	■		
Control panel with indicator lamps	■		
Pressure switch control	■		

■ Included in delivery.

HDS 10/20-4 M

1.071-900.0

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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	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	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	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	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	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	6	6.110-043.0	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	7	6.110-044.0	10	220 bar	25 m			▲
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	10	220 bar	40 m			▲
Hose assembly premium DN12 21MPa 15m	9	6.110-059.0	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	12	210 bar	40 m			▲
Hose assembly TR DN10 22MPa 10m	11	6.110-041.0	10	220 bar	10 m			▲
Longlife 400 with unions on both sides								
High-pressure hose Longlife 400, 30 m DN 8, including rotary coupling	12	6.110-023.0	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	13	6.110-027.0	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	14	6.110-029.0	8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose packaged	15	6.110-038.0	8	400 bar	10 m		Durable, 10 m long high-pressure hose (ID 8) with double steel reinforcement and EASY!Lock hand screw connection at both ends and ANTI!Twist. Approved for 400 bar pressure.	■
High-pressure hose 1.5 m, DN 8, including connectors	16	6.110-024.0	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	17	6.110-051.0	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	18	6.110-052.0	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.	▲

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

HDS 10/20-4 M 1.071-900.0



		Order Number	ID	Max. working pressure	Length	Price	Description	
Longlife food industry version with unions on both sides								
High pressure hose food DN 8 / 10 m	19	6.110-053.0	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.

HDS 10/20-4 M

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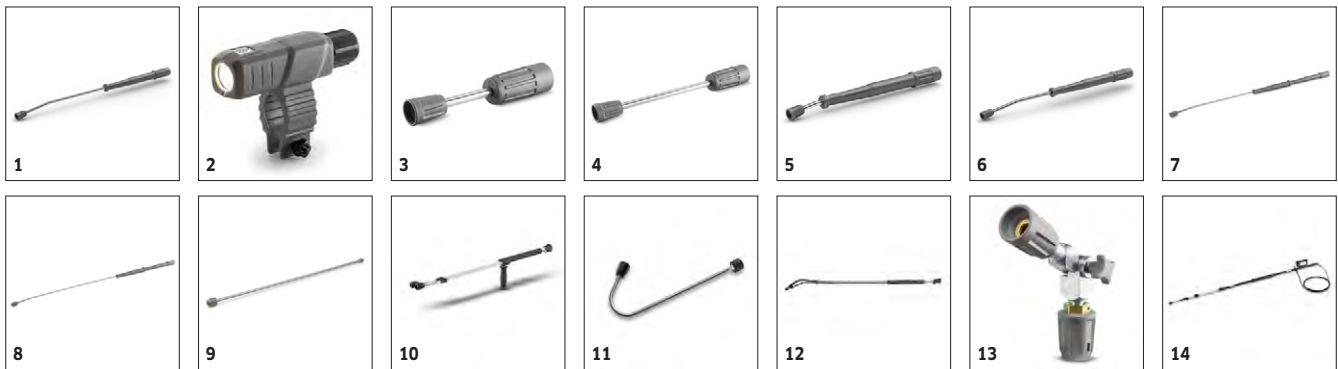
		Order Number	Flow Rate				Price	Description	
Trigger guns									
EASY!Force Advanced	1	4.118-005.0						Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.	■
Conversion kit 1 from high pressure hose	2	4.111-050.0						A conversion kit which enables secure connection from an M22 hose onto our innovative EASY!Force trigger gun. The kit includes the EASY!Force Trigger gun, adaptors and lance.	□
Conversion kit 2 from device	3	4.111-051.0						Provides all the parts required to utilise our EASY!Force technology even on our non-Easy!Force machines. Including adaptors, lance, Easy!Force trigger gun and hose.	□
Conversion kit 3 only EASY!Force	4	4.111-052.0						A conversion kit for the EASY!Force gun, which includes the correct adaptors to connect to the M22 style lance and hose.	□
Servo Control									
Servo control	5	4.118-008.0	750 - 1100 l/h					Water quantity and pressure regulated directly from the hand spray gun.	■
Quick connect									
Quick-fitting pipe union coupler trapezo	6	2.115-000.0						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.	□
Quick-fitting pipe union plug nipple tra	7	2.115-001.0						Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.	□

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

HDS 10/20-4 M

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		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 ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
Nozzle Light	2	2.680-002.0		125 mm			LED work light for assembly on EASY!Force spray lances, providing a clear view in poor lighting conditions ensuring controlled cleaning results.	□
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm			600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
400 mm rotatable lance	4	4.112-024.0	300 bar	400 mm			400 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Rotatable lance, 600 mm, ergonomic	5	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	6	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	7	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	8	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	9	4.112-048.0	300 bar	1000 mm			Spray lance extension with EASY!Lock connection. Length 1000 mm.	□
Double lance								
Double lance 960 mm	10	2.112-016.0	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	11	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	12	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.	□
Articulated joint TR 20	13	4.112-057.0	300 bar				For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.	□
Telescopic spray lance								
Telescopic jet pipe	14	4.112-037.0	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.	□
Restraint belt for telescopic jet pipe	15	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	16	2.112-015.0		960 mm			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.	□

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

HDS 10/20-4 M

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		Order Number	Max. working pressure	Length			Price	Description	
Undercarriage spray lance									
Underbody lance	17	4.112-032.0		700 mm				Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	<input type="checkbox"/>
Additional handle									
Additional handle for EASY!Lock spray lances	18	4.321-380.0						Comfortable in every situation - the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task.	<input type="checkbox"/>

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

HDS 10/20-4 M

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1-4

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

HDS 10/20-4 M

1.071-900.0



1



2

		Order Number	Max. working pressure	Nozzle size			Price	Description	
Dirt blaster, large									
Dirt Blaster Nozzle	1	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"/>
Angle vario nozzle 0°-90°									
Angled Vario Nozzle	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.	<input type="checkbox"/>

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

HDS 10/20-4 M 1.071-900.0

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			Order Number							Price	Description	
Nozzle union												
Nozzle screws	1		4.112-011.0								Nozzle screws with protectors for high-pressure and power nozzles	<input type="checkbox"/>
HP detergent injector												
Stainless steel injector kit for HDS 10/20-4M	2		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.	<input type="checkbox"/>
Dosing valve for stainless steel injector	3		6.500-000.0								Retrofittable dosing valve for stainless steel injectors. For easy, convenient and precise cleaning agent dosing adjustment via a control knob.	<input type="checkbox"/>
Detergent injector for high and low pressure (without nozzles)	4		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	5		4.637-033.0								Cleaning agent dosage at high pressure 3 - 5 %	<input type="checkbox"/>
Machine-specific nozzle kit with order no. 3.637-170												
Nozzle insert trapezoidal thread	6		4.769-013.0								For HD/HDS 1000 - 1200 l/h. Consists of nozzle insert + HP power nozzle + union	<input type="checkbox"/>
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.	7		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	8		4.769-001.0								For low pressure with machines up to 1.100 l/h	<input type="checkbox"/>
Rotary coupling												
Rotary coupling	9		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"/>
Coupling												
Coupler -2xM22x1,5	10		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"/>
Connector												
Nozzle connector/screw connector	11		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"/>
Y distributor	12		4.111-024.0								Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	<input type="checkbox"/>
Short spray unit	13		4.111-038.0								For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	<input type="checkbox"/>
Adapter EASY!Lock												
Adapter 1 M22AG-TR22AG	14		4.111-029.0								Adapter 1 to connect the old hose with the new hose	<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	15		4.111-030.0								Adapter 2 to connect the old device with the new hose and the old gun with the new hose	<input type="checkbox"/>
Adapter 3 M22IG-TR22AG	16		4.111-031.0								Adapter 3 to connect the old gun with the new spray lance and new servo regulator	<input type="checkbox"/>
Adapter M22 - Swivel	17		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	18		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	<input type="checkbox"/>

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

HDS 10/20-4 M 1.071-900.0



			Order Number					Price	Description	
Adapter 6 TR22IG-M22AG	19	4.111-034.0							Adapter 6 to connect the new device with the old hose and the old hose with the new gun	<input type="checkbox"/>
Adapter 7 M18IG-TR20AG	20	4.111-035.0							Adapter 7 to connect the old spray lance with the new nozzle	<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	21	4.111-036.0							Adapter 8 to connect the new spray lance with the old nozzle	<input type="checkbox"/>
ADAPTER for replacement TR22IG-M22AG Er	22	4.111-046.0							Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	<input type="checkbox"/>
Flue pipe										
Flue gas adapter	23	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"/>
	24	4.656-080.0						<input type="checkbox"/>		

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

HDS 10/20-4 M

1.071-900.0

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			Order Number	Max. working pressure	Nozzle size	Diameter	Price	Description	
Pipe cleaning hose, ID 6									
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar					The 10 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	<input type="checkbox"/>
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).	<input type="checkbox"/>
Hose assembly TR pipe cleaning DN6 max.2	3	6.110-047.0	250 bar					The 30 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	<input type="checkbox"/>
Pipe cleaning nozzle									
Dirt blaster pipe cleaning D21/060	4	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.	<input type="checkbox"/>
Dirt blaster pipe cleaning D30/060	5	4.765-005.0		60	30 mm				<input type="checkbox"/>
Nozzle pipe cleaning size 120	6	5.763-089.0		120	24 mm			Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	<input type="checkbox"/>
Pipe cleaning nozzle	7	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"/>
	8	5.763-016.0		60	16 mm				<input type="checkbox"/>
	9	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.
Rotating pipe cleaning nozzle	10	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"/>
Barrel and tank cleaning									
Barrel cleaner BC 14/12	11	2.112-020.0						The barrel cleaner BC 14/12 is a spray unit for the internal cleaning of containers and drums - in particular oak barrels with a capacity between 225 and 600 liters.	<input type="checkbox"/>
HKF 50 spray head, brass									
HKF 50 spray head, brass	12	3.631-039.0						Interior cleaning head for barrels and containers with bung-holes of 50 mm and more.	<input type="checkbox"/>
HKF 50 spray head, brass	13	3.631-058.0							<input type="checkbox"/>
Nozzle kit for HKF 50 spray head (3.631-009.0 / 3.631-039.0)									
Nozzle 045 for dual nozzle operation HKF 50	14	6.415-446.0		45				Nozzle for dual-nozzle operation	<input type="checkbox"/>
Nozzle 090 for single nozzle operation HKF 50	15	6.415-447.0		90				Nozzle for single-nozzle operation	<input type="checkbox"/>
Double handle for exact control of the spray head	16	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	17	5.411-061.0						Screw plug for using a spray head with one nozzle	<input type="checkbox"/>

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

HDS 10/20-4 M

1.071-900.0



		Order Number	Flow Rate	Nozzle size	Diame-ter	Price	Description	
Hard Surface Cleaner FRV 30								
Add-on kit hose attachment	1	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	<input type="checkbox"/>
Add-on kit dirt trap	2	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	<input type="checkbox"/>
Hard surface cleaner FR 30 ME								
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"/>
Hard Surface Cleaner FR 50								
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"/>
Machine-specific nozzle kit for FR								
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"/>
Machine-specific nozzle kits for FRV								
Nozzle kit 080 - for FRV	6	2.642-982.0		80			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	<input type="checkbox"/>
Hard surface cleaner FRV 30 Me								
Extension hose FRV 30 Me and FRV 50 Me	7	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	<input type="checkbox"/>
FRV 30 Me Surface Cleaner	8	2.111-012.0					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.	<input type="checkbox"/>
Surface Cleaner FR 50 Me								
FRV 50 Me surface cleaner	9	2.111-024.0					Surface cleaning with automatic suction of the dirty water for very large surfaces. Hot water cleaning up to 85°C.	<input type="checkbox"/>

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

HDS 10/20-4 M

1.071-900.0



		Order Number	Flow Rate				Price	Description		
Cup foam lance										
Cup foam lance Basic 3	1	4.112-055.0	900 - 2500 l/h					For high-pressure cleaners with a flow rate of 900-2500 l/h: new, robust and very high-quality foam cup lance with outstanding foam quality while consuming half as much cleaning agent.	<input type="checkbox"/>	
Bottle cleaning agents 1L	2	5.071-414.0							<input type="checkbox"/>	
Cup foam lance Advanced 025	3	2.112-017.0						Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	<input type="checkbox"/>	
Tank grey only for replacement 1L	4	6.414-050.0						Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).	<input type="checkbox"/>	
Inno Foam Set										
Inno foam kit with detergent injector	5	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	6	2.112-008.0							<input type="checkbox"/>	
Easy Foam Set										
Easy Foam Set with RM injector	7	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	8	2.112-011.0							<input type="checkbox"/>	
Nozzle kits for Inno/Easy Foam Set										
Nozzle kit 110 Inno/Easy set 1000 - 1300 l/h	9	2.111-020.0	1000 - 1300 l/h					Nozzle kit 110 contains Kärcher power nozzles and nozzle inserts. For Inn/Easy-Foam set 1000-1300 l/h. For optimal foam system performance.	<input type="checkbox"/>	
Foam nozzle mounting kit										
Foam nozzle kit	10	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.

HDS 10/20-4 M

1.071-900.0



		Order Number	Length				Price	Description	
Automatic, self-winding hose reels									
Wall-mounted hose reel	1	2.639-257.0	15 m						<input type="checkbox"/>
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"/>
Hose reel, automatic, basalt grey-coated	5	6.392-105.0	20 m					Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.	<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 sprong drive. Connection for HP hoses with nipple.	<input type="checkbox"/>
Add-on kit hose reel TR 40m	8	6.392-442.0	40 m					Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. Compatible high-pressure hose, e.g. order no. 6.110-076.0 (ID 8, 40 m, 400 bar, 1x hose reel connection attachment kit).	<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"/>
Anbausatz Schlauchtrommel automatik									
Add-on kit hose reel HDS M/S	11	2.110-011.0						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.	<input type="checkbox"/>
Add-on kit holder hose reel TR	12	2.110-020.0						Holder includes connection material for installing an automatic hose reel to machines in the HDS Middle and Super classes.	<input type="checkbox"/>

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

HDS 10/20-4 M

1.071-900.0



		Order Number	Flow Rate	Water feed temperature	Length	Length	Price	Description	
Teleskopstangen									
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				The full carbon telescopic lance offers maximum rigidity with minimal weight. It has a reach of up to 10 m and is fitted with practical quick-release couplings - for convenient extension and retraction.	<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"/>
Ball valve	5	4.580-097.0		max. 40 °C					<input type="checkbox"/>
Telescope lance glass fibre 7 m	6	4.762-609.0		max. 60 °C					<input type="checkbox"/>
Telescope lance hybrid 7 m	7	4.762-610.0		max. 60 °C					<input type="checkbox"/>
Telescope lance hybrid 10 m	8	4.762-611.0		max. 60 °C					<input type="checkbox"/>
Telescope lance carbon 10 m	9	4.762-612.0		max. 60 °C					<input type="checkbox"/>
Telescope lance carbon 14 m	10	4.762-613.0		max. 60 °C					<input type="checkbox"/>
Pistol	11	4.775-154.0		max. 60 °C					<input type="checkbox"/>

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

HDS 10/20-4 M

1.071-900.0



		Order Number	Flow Rate	Water feed temperature	Length	Length	Price	Description	
Schläuche									
Hose solar	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.	<input type="checkbox"/>
	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.	<input type="checkbox"/>
	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.	<input type="checkbox"/>

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

HDS 10/20-4 M

1.071-900.0



		Order Number	Nozzle size				Price	Description	
Wet blasting attachment (without 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.	<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"/>
Nozzle pack for wet blasting attachment									
Nozzle pack TR wet jet set 0055	3	2.112-024.0	55					Consisting of wet jet nozzle and nozzle insert - only for use in combination with wet jet unit 4.115-000.0 4.115-006.0.	<input type="checkbox"/>
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.	<input type="checkbox"/>

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

HDS 10/20-4 M

1.071-900.0

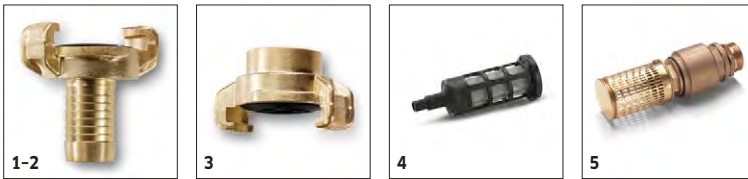


		Order Number					Price	Description	
Crane lifting kit									
Crane loading kit for HDS middle and super class	1	2.642-424.0						Effortless loading by crane.	<input type="checkbox"/>
Transport eyelet attachment kit	2	2.644-053.0						Robust transport eyelet attachment kit for the secure fixing of HDS Medium and Super Class pressure washers during transport.	<input type="checkbox"/>
Flame monitoring attachment kit									
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"/>
Accumulator kits									
Add-on accumulator for HDS M/S	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.	<input type="checkbox"/>
Remote control set									
Remote control set	5	2.642-157.0						Remote control for the machines of the HDS Middle and Super class with the functions on/off, hot/cold water and cleaning agent on/off. For mounting to a wall.	<input type="checkbox"/>
Coin-op remote control									
Coin-op remote control	6	2.642-158.0						Retrofittable coin acceptor for machines in the HDS Middle and Super class for self-service operation. For installation on the machine.	<input type="checkbox"/>

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

HDS 10/20-4 M

1.071-900.0



		Order Number			Price	Description	
Geka coupling							
With hose nozzle, R 3/4"	1	6.388-455.0				with hose liner	
With hose nozzle, R 1"	2	6.388-465.0				with hose barb	□
Hose coupling	3	6.388-458.0				with female thread	
Suction filter							
Water filter	4	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	□
Suction filter with check valve	5	4.730-012.0				Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	

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

HDS 10/20-4 M

1.071-900.0

	Order Number			Price	De- scripti- on	
Fine-mesh water filter						

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

HDS 10/20-4 M 1.071-900.0



HDS 10/20-4 M

1.071-900.0



		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										
Rotating wash brush for > 800 l/h machines, nylon bristles	2	4.113-002.0	800 - 1300 l/h					Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert).	<input type="checkbox"/>	
Rotating wash brush for > 800 l/h machines, natural bristles	3	4.113-005.0	800 - 1300 l/h						<input type="checkbox"/>	

Included in delivery.
 Available accessories.
 Extension hose.