

HDS 10/21 -4 ST GAS -EU-I

Stationary hot water high-pressure cleaner: robust, durable and easy to use. It is suitable for continuous use and features high-quality equipment.



Order no. 1.251-903.0

- Robust housing and frame made of powder-coated steel
- Easy installation, operation and maintenance of the machine

Technical data

EAN code		4054278989334
Number of current phases	Ph	3
Voltage	V	400
Frequency	Hz	50
Flow Rate	l/h	min. 500 - max. 1000
Operating pressure	bar	210
Power rating	kW	8
Heat energy	kW	78.5
Power cable	m	5
Water inlet		1"
Mobility		stationary
Fuse protection	A	25
Weight (with accessories)	kg	177
Weight incl. packaging	kg	187
Dimensions (L × W × H)	mm	1142 × 578 × 790

Scope of supply

- Flame monitor
- Prepared for Servo Control
- Prepared for remote operation
- Power nozzle
- Detergent function: Suction

Equipment

- Oil dipstick
- Sight glass for oil level
- Pre-equipped for a detergent inlet
- RM1 dosage
- Dry running protection
- Storage tank with float valve
- Crankshaft pump with ceramic pistons
- Water-cooled motor
- Frame and cover: Steel, powder-coated

This machine requires instruction.



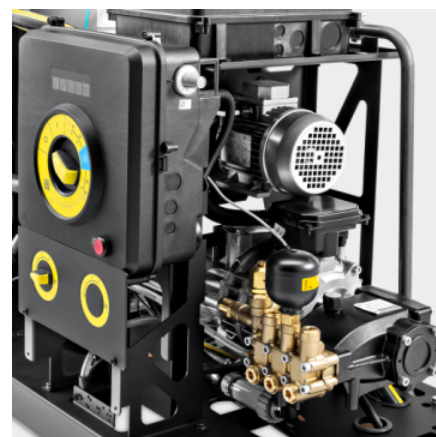
Easy and intuitive operation

- Just one rotary switch for all functions guarantees simple operation without long training times.
- Practical error display informs users immediately and saves time.
- Self-explanatory symbols and a clear operating field make the machine easy to understand, which increases productivity.



Gas burner tested, inspected and certified by Kiwa

- Kiwa certification: objective requirements are fulfilled.
- High heat output.
- With proven and efficient Kärcher burner technology for low fuel consumption.

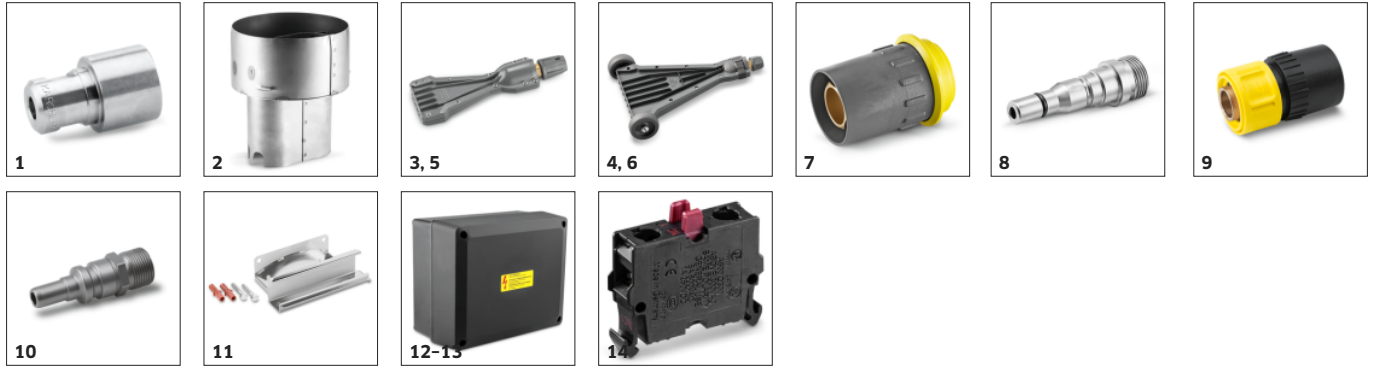


High-performance crankshaft pump

- Reliable and durable Kärcher high-performance crankshaft pump ensures optimal pressure.
- Robust reciprocating pump with brass cylinder head and high-quality materials ensure a long service life.
- Longer working times, less maintenance effort and lower costs. Ideal for industrial use.

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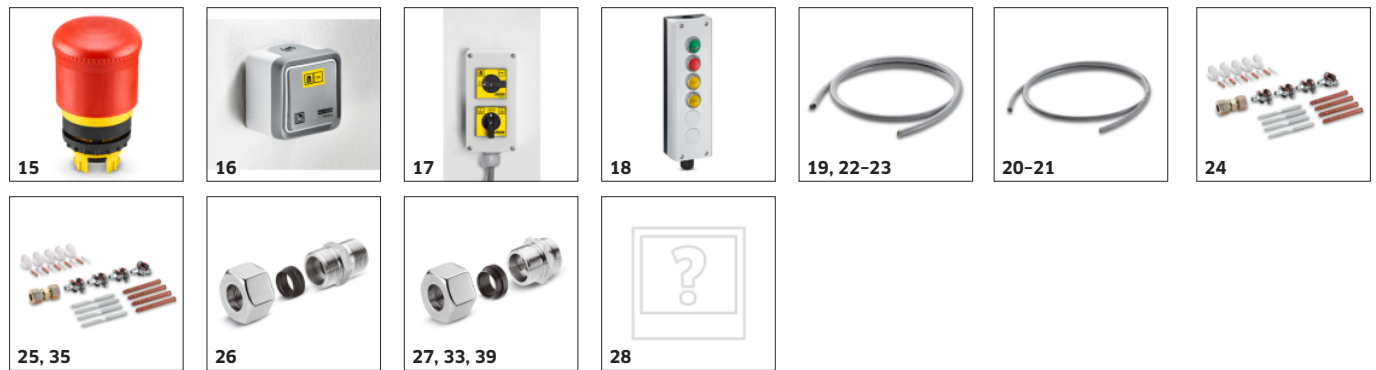
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		Order no.	Description	
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 25°				
Power Nozzle 25°, 050	1	2.113-023.0	Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	■
FLUE PIPE				
Take-off chimney densely 76x157 D199	2	4.656-014.0	Flue outlet (flue gas connection), tightly welded with a diameter of 199 mm for connecting to flue pipes with a diameter of 200 mm.	■
ECO!BOOSTER				
eco!Booster TR 050	3	2.113-088.0	eco!Booster with 50% higher area performance than the Kärcher power nozzle; ideal for delicate surfaces. For cold and hot water high-pressure cleaners (nozzle size 050).	□
Eco!Booster MAX TR 050	4	2.113-097.0	Maximum efficiency and versatility in professional cleaning. The eco!Booster MAX offers more than double the area performance and ergonomic handling.	□
Eco!Booster TR 060	5	2.113-090.0	eco!Booster with 50% higher area performance compared to the Kärcher power nozzle; ideal for delicate surfaces. Suitable for cold and hot water high-pressure cleaners with a nozzle size of 060.	□
Eco!Booster MAX TR 060	6	2.113-098.0	Maximum efficiency and versatility in professional cleaning. The eco!Booster MAX offers more than double the area performance and ergonomic handling.	□
QUICK CONNECT				
Quick-fitting pipe union coupler trapezo	7	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 × 1.5 internal thread.	□
Quick-fitting pipe union plug nipple tra	8	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 × 1.5 external thread.	□
Quick coupling	9	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 × 1.5 internal thread.	□
Plug nipple	10	6.401-459.0	Hardened stainless steel male coupling for quick coupling 6.401-458. With M 22 × 1.5 external thread.	□
TAKE-OFF POINT EQUIPMENT				
Hose and spray lance holder VA	11	2.042-003.0	Hose and spray lance wall holder for practical and safe storage of high-pressure hoses or spray lances. Stainless steel wall holder.	□
REMOTE CONTROL				
Add-on kit remote control 1 HD-HDS-St	12	2.744-017.0	Preparation for connecting rotary switch remote controls and emergency stop buttons to stationary cold and hot water high-pressure cleaners from Kärcher.	□
Add-on kit remote control 2 HD-HDS-St	13	2.744-018.0	Preparation for connecting push-button remote controls and emergency stop buttons to stationary cold and hot water high-pressure cleaners from Kärcher.	□
Emergency stop switch - for installation in remote control 2.744-015	14	6.635-434.0		□

■ Included in delivery. □ Available accessories.

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		Order no.	Description	
REMOTE CONTROL				
Emergency stop switch - for installation in remote control 2.744-015	15	6.651-485.0		☐
Remote control	16	2.637-491.0	Remote release button for stationary high-pressure cleaners from Kärcher: resets the switch-off after 30 minutes of continuous operation or continuous pause.	☐
Remote control I-O, hot/cold, detergent 1-2	17	2.744-008.0	Remote control for controlling a stationary hot water high-pressure cleaner. Functions: on/off, hot/cold water and dosing of up to two detergents (RM1/RM2).	☐
Multiple op. control, I-O, hot-cold, 1-2	18	2.744-011.0	Multi-key remote control for switching on and off, selecting cold/hot operation and dosing up to two detergents (RM1/RM2). Can be used in conjunction with the E-box.	☐
CONTROL CABLE				
Control cable	19	6.647-222.0	Connection cable available as bulk stock (12 × 1.0 mm ²) for use as control cable. For all stationary HD/HDS machines from Kärcher.	☐
Control cable 3 × 1.5 mm ² (price per meter)	20	6.641-059.0	Connecting cable 3 × 1.5 mm ² . Available by the meter.	☐
Control cable 5 × 1.5 m	21	6.641-061.0	Control cable 5 × 1.5	☐
Control cable 7 × 1.5 m	22	6.641-064.0	Control cable 7 × 1.5	☐
Control cable 10 × 1.5 m	23	6.641-082.0	Control cable 10 × 1.5	☐
Conduit	24	2.420-008.0	Conduit for control cable installation. Consisting of 3 m conduit, 5x conduit clips, 5x dowels, 5x screws.	☐
HIGH-PRESSURE PIPEWORK				
High-pressure pipe kit	25	2.420-006.0	High-pressure pipe kit with 3 m stainless pipe Ø 16 × 2 mm, ID 12 and mounting accessories: compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	☐
Connector pipe/high-pressure hose, stainless steel	26	2.638-181.0	Stainless steel	☐
Connector pipe/stop valve, stainless steel	27	2.638-183.0	For stationary HD/HDS machines: Stainless steel transition piece comprising double nipple, union nut and cutting ring. For connecting the pipe to the shut-off valve.	☐
Shut-off valve, stainless steel	28	4.580-163.0	Stainless steel shut-off valve with M 22 × 1.5 thread suitable for connecting pipeline and high-pressure hose for stationary high-pressure systems from Kärcher.	☐

☐ Available accessories.

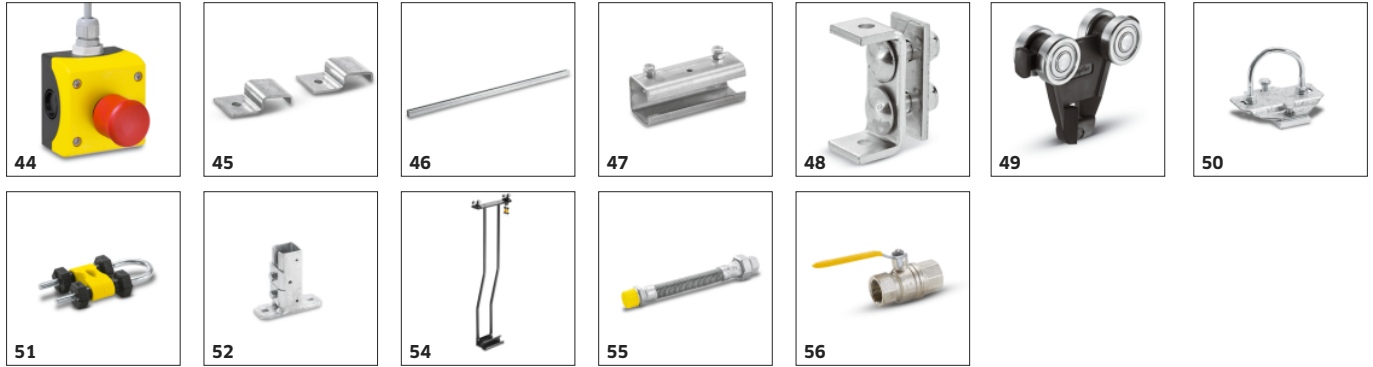
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		Order no.	Description	
HIGH-PRESSURE PIPEWORK				
Shut-off valve, stainless steel	29	6.386-428.0	(VA)	☐
Union nut, stainless steel	30	6.386-465.0	Stainless steel	☐
Stainless steel elbow union 90°	31	6.386-466.0	Stainless steel elbow union 90° with compression fitting (Ermeto) at both ends for 16 mm pipes.	☐
Quick-release coupling, moveable part	32	6.463-023.0	loose part	☐
Connector, galvanised steel	33	2.638-180.0	Alternativ : stainless steel 2.638-181	☐
Shut-off valve, galvanised steel	34	4.580-144.0	Shut-off valve made from zinc-coated steel for stationary high-pressure systems from Kärcher. For connecting the pipeline to the high-pressure hose.	☐
Pipe kit, galvanised steel, 3 m	35	2.420-004.0	High-pressure pipe kit with 3 m galvanised steel pipe Ø 16 × 2.5 mm, DN 11 and fixing accessories: Compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	☐
Tee, galvanised steel	36	6.386-269.0	Tee (90°), galvanised steel with compression fitting for 16 mm pipes. Fixing material (Ermeto) included.	☐
Elbow union, galvanised steel	37	6.386-356.0	Elbow union, galvanised steel. With 90° angle piece with compression fitting (Ermeto) at both ends for 16 mm pipes.	☐
Pipe insulation, per running meter	38	6.286-147.0	For thermal insulation of pipes. Pipe cladding. Wall thickness 9 mm. PE foam with moisture barrier. Available per running meter.	☐
Adapter piece, galvanised steel	39	2.638-182.0	Alternative: stainless steel 2.638-183	☐
Quick-release coupling, fixed part	40	6.463-025.0	fixed part	☐
Union nut, galvanised steel	41	6.386-423.0	Union nut, galvanised steel. For 16 mm compression fitting.	☐
Cutting ring	42	6.386-357.0	Galvanised steel cutting ring. For 16 mm compression fitting.	☐

☐ Available accessories.

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		Order no.	Description	
PLANT INSTALLATION				
Fine-mesh water filter	43	2.209-806.0	Fine-mesh water filter	☐
Emergency Stop switch	44	2.744-002.0	Emergency Stop switch with ISO housing for wall mounting. With 0.4 m power cord and fixing material.	☐
HOSE TRACK SYSTEM HIGH-PRESSURE CLEANERS				
Rail holder	45	6.541-027.0	Wall-mounted C-rail holding clamp for hose guide of Kärcher high-pressure cleaners.	☐
C-rail, per running metre	46	6.233-017.0	C-rail profile as a guide track. 30x32 mm, 2 mm wall thickness 1.56 kg/m. Available per running metre.	☐
Rail connector	47	6.541-011.0	Rail connector	☐
End stop	48	6.541-025.0	End stop	☐
Cable trolley	49	6.541-026.0	Cable trolley for C-rail profile. 20 kg capacity. Weight 0.11 kg. Galvanised steel ball bearing.	☐
End bracket	50	6.541-028.0	End bracket	☐
Handle	51	6.541-029.0	C-rail profile clamp. Galvanised steel. Plastic clamping parts. Weight 0.06 kg.	☐
Wall bracket	52	6.541-039.0	Wall holder for galvanised steel C-rail profile.	☐
Rail holder wall	53	6.541-012.0	Galvanised steel rail bracket for C-rail profile. Weight 0.235 kg.	☐
Spray lance runner, movable	54	4.042-610.0	moveable	☐
FUEL SUPPLY				
Corrugated gas hose	55	6.388-228.0	Corrugated gas hose	☐
Gas shut-off cock	56	6.412-389.0	Gas shut-off cock	☐

☐ Available accessories.

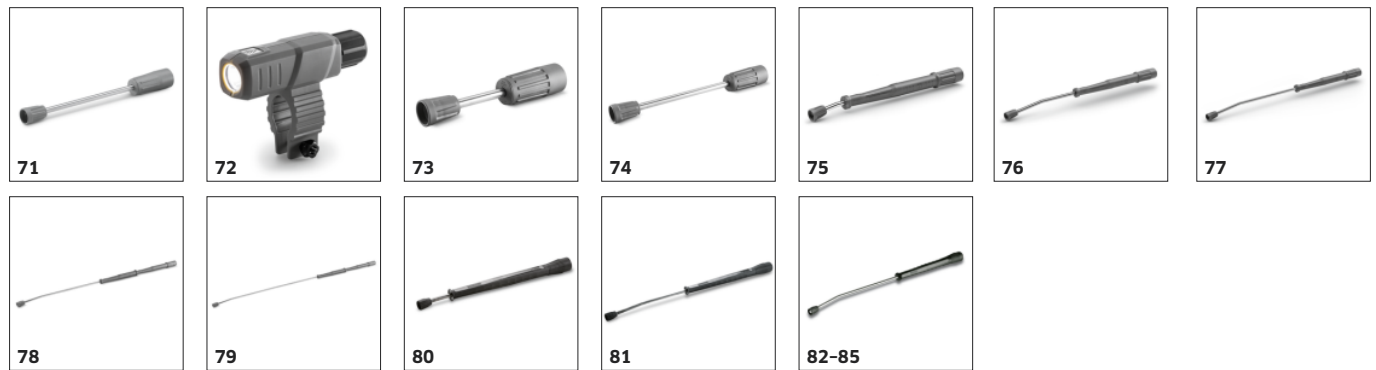
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		Order no.	Description	
FUEL SUPPLY				
Gas pressure gauge	57	6.421-059.0	Gas pressure gauge	☐
SEALS FOR TRAPEZOIDAL THREAD				
Spare part set seals TR	58	2.880-001.0		☐
TRIGGER GUNS				
Trigger guns				
Pistol TR 155°C with package	59	4.119-002.0	High-quality Classic spray gun with robust valve. Also suitable for Kärcher hot water high-pressure cleaners.	☐
EASY!Force Food	60	4.118-015.0	Perfect for the food industry: the EASY!Force high-pressure gun with full ceramic valve enables fatigueless working due to virtually zero holding force for the operator.	☐
High-End HD Trigger Gun	61	4.118-011.0	Robust, durable high-end spray gun for use in the food industry and industry. Very low pressure loss – even with water volumes up to 2500 l/h.	☐
High-end HP Food trigger gun	62	4.775-825.0	High-end spray gun with optimised flow. Low pressure losses, even with water flows of up to 2,500 l/h. Robustness and durability for professional use. Food-safe and saltwater-resistant materials offer the best prerequisites for use in the food industry and for commercial use. Connector for HD hoses M 22 × 1.5.	☐
Servo Control				
Servo Control, 750 l/h – 1100 l/h	63	4.118-008.0	Water quantity and pressure regulated directly from the hand spray gun.	☐
Servo Control, food, 750 l/h – 1100 l/h	64	4.118-016.0	Water flow and pressure control on the trigger gun. Food-grade, parts in contact with water are stainless steel.	☐
Servo Control, 750 l/h – 1100 l/h	65	4.775-470.0	Water flow and pressure control on the trigger gun.	☐
SPRAY LANCES				
Rotating spray lances				
Jet pipe with transport packaging, 840 mm	66	4.119-003.0	Rotating Classic spray lance with ergonomic handle bowls in a robust and high-quality stainless steel design. Also suitable for Kärcher hot water high-pressure cleaners.	☐
Jet pipe TR 1050mm with package, 1050 mm	67	4.119-008.0	High-pressure spray lance with EASY!Lock screw connections from the Classic series from Kärcher. Also suitable for Kärcher hot water high-pressure cleaners.	☐
Jet pipe TR 600mm with package, 600 mm	68	4.119-009.0	Rotating Classic spray lance with ergonomic handle bowls in a robust and high-quality stainless steel design. Also suitable for Kärcher hot water high-pressure cleaners.	☐
Jet pipe Classic TR 100mm, 100 mm	69	4.119-013.0		☐
Jet pipe Classic TR 200mm, 200 mm	70	4.119-014.0		☐

☐ Available accessories.

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		Order no.	Description	
SPRAY LANCES				
Rotating spray lances				
Jet pipe Classic TR 400mm, 400 mm	71	4.119-015.0	Rotating Classic spray lance with ergonomic handle bowls in a robust and high-quality stainless steel design. Also suitable for Kärcher hot water high-pressure cleaners.	☐
LED nozzle light	72	2.680-002.0	Bright, lightweight LED work light for direct mounting on spray lance of EASY!Force high-pressure gun. Better view in unfavourable lighting conditions for up to 5 working hours.	☐
Spray lance, 250 mm, rotatable	73	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	☐
Spray lance, 400 mm, rotatable	74	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	☐
Spray lance, 600 mm, rotatable	75	4.112-007.0	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	76	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 1050 mm, rotatable	77	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 1550 mm, rotatable	78	4.112-018.0	1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 2050 mm, rotatable	79	4.112-021.0	2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 600 mm, rotatable	80	4.760-664.0	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	81	4.760-663.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 1050 mm, rotatable	82	4.760-660.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 1550 mm, rotatable	83	4.760-661.0	1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 2050 mm, rotatable	84	4.760-662.0	2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐

☐ Available accessories.

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		Order no.	Description	
SPRAY LANCES				
Rotating spray lances				
Spray lance food, 1050 mm, rotatable	85	4.760-655.0	1050 mm grey, rotatable food-grade lance for use in the food industry. All parts coming into contact with water are food safe.	☐
Spray lance				
Jet pipe TR 1050mm with package	86	4.760-855.0	High-pressure spray lance with M 22 screw connections from the Classic series from Kärcher. Also suitable for hot water high-pressure cleaners.	☐
Jet pipe 600mm with package	87	4.760-856.0		☐
Jet pipe Classic M 200mm	88	4.760-887.0		☐
Jet pipe Classic M 400mm	89	4.760-888.0		☐
Jet pipe Classic M 840mm	90	4.760-895.0	Optimal for use with medium and hard water: the PressurePro Machine Protector Advance 1 RM 110 for hot water high-pressure cleaners with system care adaptation offers comprehensive protection for the heating coil system at water temperatures of up to 150 °C. As such, RM 110 ensures a constant water flow, preventing reductions in performance, saving energy and significantly extending the lifetime. It also helps to reduce expensive decalcification measures for the heating coil and generally reduce the maintenance costs. In addition, the care agent is HACCP-compliant, making it suitable for use in food-processing companies, and very easy to use since the practical Advance bottle can be used directly on the machine.	☐
250 mm lance, non-rotatable	91	4.760-667.0	250 mm stainless steel lance. With manual coupling. Non-rotatable.	☐
550 mm lance, non-rotatable	92	4.760-665.0	550 mm stainless steel lance. With manual coupling. Non-rotatable.	☐
Double lance				
Double lance, 960 mm	93	2.112-016.0	960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use (e.g. stable cleaning).	☐
Flexible spray lance				
Flexible lance, 1050 mm	94	4.112-035.0	1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	☐
Undercarriage spray lance				
Underbody lance	95	4.112-032.0	Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	☐
Additional handle				
Additional handle for EASY!Lock spray lances	96	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.	☐
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster Vibrasoft, 050	97	4.114-066.0	Vibrasoft rotary nozzle with rotating point jet for ten times greater cleaning performance. Durable dirt blaster thanks to ceramic nozzle. Reduces vibrations by up to 30% for maximum ergonomics.	☐
Dirt blaster, large, 050	98	4.114-027.0	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.	☐

☐ Available accessories.

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		Order no.	Description	
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster, 050	99	4.763-253.0	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.	☐
NOZZLE UNION / SPACER				
Nozzle union				
Nozzle screws	100	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	☐
HIGH-PRESSURE HOSES				
Standard				
High-pressure hose, 20 m, ID 8, 315 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	101	6.110-011.0	High-pressure hose with AVS hose reel connection and EASY!Lock hand screw connection.	☐
High-pressure hose, 10 m, ID 8, 315 bar, 2 × EASY!Lock	102	6.110-019.0	High-pressure hose (DN 8) with EASY!Lock manual screw fitting on both sides. Suitable for pressures up to 315 bar. Length: 10 m.	☐
High-pressure hose, 10 m, ID 8, 315 bar, 1 × M22 × 1.5 / 1 × AVS-hose reel connection	103	6.390-025.0	10 m high-pressure hose (M 22 × 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, ID 8, 315 bar, 1 × M22 × 1.5 / 1 × AVS-hose reel connection	104	6.390-185.0	15 m high-pressure hose (M 22 × 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, ID 8, 315 bar, 1 × M22 × 1.5 / 1 × AVS-hose reel connection	105	6.390-171.0	20 m high-pressure hose (M 22 × 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	☐
Standard with unions on both sides				
High-pressure hose, 10 m, ID 10, 220 bar, 2 × EASY!Lock	106	6.110-041.0	Impressive values and basic equipment: 10 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	☐
High-pressure hose, 10 m, ID 8, 315 bar, 2 × EASY!Lock	107	6.110-031.0	High-pressure hose (DN 8) suitable up to 315 bar pressure. With innovative EASY!Lock manual screw fitting on both sides, ANTI!Twist and 10 m long.	☐
High-pressure hose, 15 m, ID 8, 315 bar	108	6.110-033.0	15 m long high-pressure hose, DN 8, with ANTI!Twist and equipped with time-saving EASY!Lock manual screw fitting on both sides.	☐
High-pressure hose, 15 m, ID 8, 315 bar, 2 × EASY!Lock	109	6.110-030.0	15 m long high-pressure hose, DN 8, with ANTI!Twist and time-saving EASY!Lock manual screw fitting on both sides.	☐
High-pressure hose, 20 m, ID 8, 315 bar, 2 × EASY!Lock	110	6.110-032.0	20 m long high-pressure hose (DN 8) equipped with the time-saving and robust EASY!Lock manual screw fitting on both sides. Approved for pressures up to 315 bar.	☐
High-pressure hose, 30 m, ID 8, 315 bar, 2 × EASY!Lock	111	6.110-014.0	Comfortable length (30 m) and innovative EASY!Lock manual screw fitting: High-pressure hose (DN 8) with ANTI!Twist for pressures up to 315 bar.	☐
High-pressure hose, 15 m, ID 10, 220 bar, 2 × EASY!Lock	112	6.110-042.0	Equipped with innovative EASY!Lock manual screw fitting and suitable for pressures up to 220 bar: 15 m long high-pressure hose (DN 10).	☐

☐ Available accessories.

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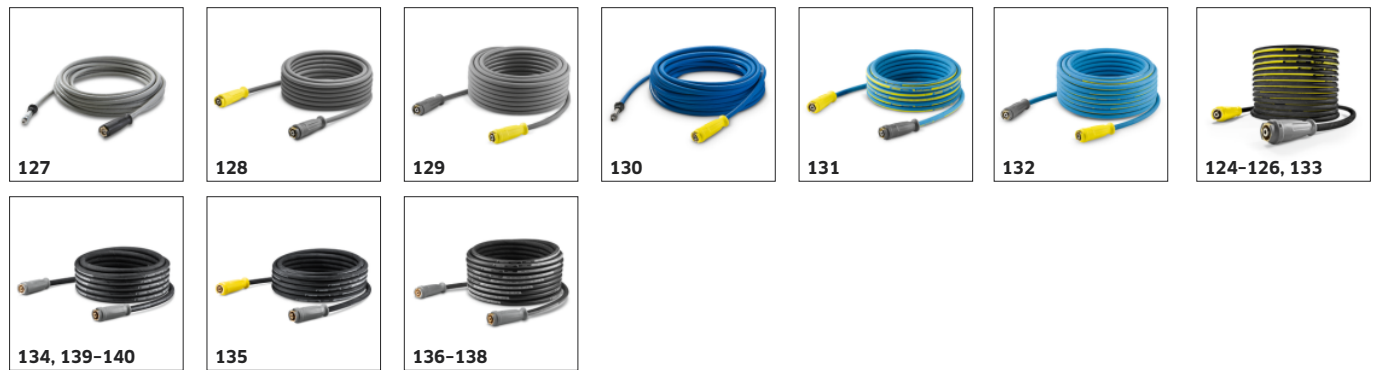
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		Order no.	Description	
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 20 m, ID 10, 220 bar, 2 × EASY!Lock	113	6.110-043.0	20 m in length and the extremely time-saving and comfortable EASY!Lock manual screw fitting on both sides are some of the main features of this high-pressure hose (DN 10).	☐
High-pressure hose, 25 m, ID 10, 220 bar, 2 × EASY!Lock	114	6.110-044.0	Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	☐
High-pressure hose, 40 m, ID 10, 220 bar, 2 × EASY!Lock	115	6.110-045.0	40 m long high-pressure hose with EASY!Lock system for the time-saving manual screw connection (both sides). Nominal size (DN) 10, working pressure up to 220 bar.	☐
High-pressure hose, 15 m, ID 12, 210 bar, 2 × EASY!Lock	116	6.110-059.0	Designed for working pressures up to 250 bar: High-pressure hose (DN 12) with a length of 15 m. Has the comfortable EASY!Lock manual screw fitting on both sides.	☐
High-pressure hose, 40 m, ID 12, 210 bar, 2 × EASY!Lock	117	6.110-060.0	With EASY!Lock manual screw fitting and lots of room for manoeuvre thanks to 40 m in length: High-pressure hose (DN 12) with EASY!Lock manual screw fitting on both sides. Suitable for working pressures up to 250 bar.	☐
Longlife 400				
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	118	6.110-028.0	20 m high-pressure hose (ID 8), for up to 400 bar pressure. With AVS hose reel connection and double steel reinforcement. EASY!Lock hand screw connection at other end of the hose.	☐
High-pressure hose Longlife, 40 m, ID 8, 400 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	119	6.110-076.0	High-pressure hose with 2-compartment steel insert, AVS hose reel connection, as well as EASY!Lock manual screw connection.	☐
Longlife 400 with unions on both sides				
High-pressure hose Longlife, 1.5 m, ID 8, 400 bar, 2 × EASY!Lock	120	6.110-024.0	1.5 m short high-pressure hose (DN 8). Comfortable EASY!Lock manual screw fitting on both sides for robust and quick connections. Durable and designed for up to 400 bar pressure.	☐
High-pressure hose Longlife, 1.5 m, ID 8, 400 bar, 1 × EASY!Lock / 1 × M22 × 1.5	121	6.110-069.0	1.5 m long high-pressure hose (DN 8) suitable for up to 400 bar pressure with double steel core. Connections: M 22 × 1.5, as well as the comfortable and quick EASY!Lock manual screw fitting.	☐
High-pressure hose Longlife, 1.5 m, ID 8, 400 bar, 2 × M22 × 1.5	122	6.390-178.0	1.5 m high-pressure hose (DN 8, M 22 × 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 × 1.5).	☐
High-pressure hose Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock	123	6.110-038.0	Durable, 10 m long high-pressure hose (DN 8) with double steel core and EASY!Lock manual screw fitting on both sides and ANTI!Twist. Approved for 400 bar pressure.	☐
High-pressure hose Longlife, 30 m, ID 8, 400 bar, 2 × EASY!Lock	124	6.110-023.0	Robust high-pressure hose with double steel core, ANTI!Twist and EASY!Lock manual screw fitting on both sides. Nominal size DN 8, 30 m long, for up to 400 bar pressure.	☐
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	125	6.110-027.0	High-pressure hose with ANTI!Twist, EASY!Lock manual screw fittings and double steel core. 20 m long, nominal size DN 8, EASY!Lock manual screw fitting on both sides.	☐
High-pressure hose Longlife, 15 m, ID 8, 400 bar, 2 × EASY!Lock	126	6.110-029.0	The double steel core ensures a particularly long life of this 15 m long high-pressure hose (DN 8), which is approved for pressures up to 400 bar.	☐

☐ Available accessories.

EQUIPMENT FOR HDS 10/21 -4 ST GAS -EU-I 1.251-903.0



		Order no.	Description	
HIGH-PRESSURE HOSES				
Food industry version				
High-pressure hose food grade, 15 m, ID 6, 250 bar, 1 × M22 × 1.5 / 1 × AVS-hose reel connection	127	6.391-654.0	15 m high-pressure hose (DN 6) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. DN 6/155°C/250 bar.	☐
Food industry version with unions on both sides				
High-pressure hose food grade, 10 m, ID 8, 250 bar, 2 × EASY!Lock	128	6.110-051.0	High-pressure hose (ID 6), 10 m long, with grey, non-marking outer covering. Approved for use in the food industry. With quick and robust EASY!Lock hand screw connection at both ends.	☐
High-pressure hose food grade, 20 m, ID 8, 250 bar, 2 × EASY!Lock	129	6.110-052.0	Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, ANTI!Twist and EASY!Lock hand screw connections.	☐
Longlife food industry version				
High-pressure hose food grade, 20 m, ID 8, 400 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	130	6.110-075.0		☐
Longlife food industry version with unions on both sides				
High-pressure hose food grade Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock	131	6.110-053.0	With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, ANTI!Twist and EASY!Lock hand screw connection at both ends.	☐
High-pressure hose food grade Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	132	6.110-054.0	Durable high-pressure hose with double steel reinforcement and blue, non-marking and animal fat resistant outer covering. 20 m long with EASY!Lock hand screw connections.	☐
Special hoses				
High-pressure hose Ex, 10 m, ID 8, 400 bar, 2 × EASY!Lock	133	6.110-064.0	Electrically conductive, 10 m long high-pressure hose for use in hazardous areas. 10 m long high-pressure hose with EASY!Lock hand screw connections at both ends.	☐
Classic				
High-pressure hose Classic, 10 m, ID 10, 250 bar × , EASY!Lock	134	4.119-004.0	High pressure hose with convenient EASY!Lock manual fitting from the Classic series by Kärcher. Also suitable for hot water high-pressure cleaners.	☐
High-pressure hose Classic, 10 m, ID 8, 315 bar × , EASY!Lock	135	4.119-005.0		☐
Hose TR DN8 31,5MPa 20m with package, 20 m, ID 8, 315 bar × , EASY!Lock	136	4.119-006.0		☐
Hose TR DN8 31,5MPa 30m with package, 30 m, ID 8, 315 bar × , EASY!Lock	137	4.119-007.0		☐
Hose assembly with package TR DN8 max31,, 15 m, ID 8, 315 bar × , EASY!Lock	138	4.119-017.0		☐
Hose assembly with package TR DN10 25MPa, 20 m, ID 10, 250 bar × , EASY!Lock	139	4.119-019.0		☐
Hose assembly with package TR DN10 25MPa, 40 m, ID 10, 250 bar × , EASY!Lock	140	4.119-020.0		☐

☐ Available accessories.

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		Order no.	Description	
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Hose assembly TR pipe cleaning DN6 max.2	141	6.110-046.0	The 10 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	☐
Pipe cleaning hose, DN 6, 20 m, 220 bar	142	6.110-008.0	The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	☐
Hose assembly TR pipe cleaning DN6 max.2	143	6.110-047.0	The 30 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	☐
Pipe cleaning hose, DN 6, 20 m, 220 bar	144	6.390-030.0	The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	☐
Pipe cleaning nozzle				
Dirt blaster pipe cleaning D21/060	145	4.765-002.0	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.	☐
Dirt blaster pipe cleaning D30/060	146	4.765-005.0		☐
Pipe cleaning nozzle	147	5.763-015.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐
	148	5.763-017.0	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.)	☐
Rotating pipe cleaning nozzle	149	6.415-440.0	Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	☐
FLOOR AND HARD SURFACE CLEANER				
Hard surface cleaner FR Classic				
Surface cleaner medium M with package	150	4.760-876.0	For hot water applications up to 100 °C: the robust classic surface cleaner made of metal with HP trigger gun, 500 mm diameter and nozzle kit (2 x nozzle size 025; others can be ordered separately).	☐
Hard Surface Cleaner FRV 30				
FRV 30	151	2.111-010.0	With the integrated, automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient and can be used in both inside and outside areas. There is no longer a need to rinse the surface after cleaning, since the dirty water can be discharged through the 5 m suction hose supplied. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1000 l/h / 60°C.	☐
	152	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.	☐
Hard surface cleaner FR 30				
FR 30 Surface Cleaner	153	2.111-011.0	Up to 10 times greater area coverage compared with the conventional high pressure jet.	☐
Hard surface cleaner FR 30 ME				
FR 30 ME surface cleaner	154	2.111-013.0	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.	☐

☐ Available accessories.

EQUIPMENT FOR HDS 10/21 -4 ST GAS -EU-I 1.251-903.0



		Order no.	Description	
FLOOR AND HARD SURFACE CLEANER				
Hard surface cleaner FR 30 ME				
FR 30 ME surface cleaner	155	2.640-355.0	Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.	☐
Hard Surface Cleaner FR 50				
FR 50 surface cleaner	156	2.111-023.0	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.	☐
	157	2.640-679.0		☐
Machine-specific nozzle kit for FR				
Nozzle kit for FR, 850 l/h – 1100 l/h	158	2.640-442.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).	☐
Machine-specific nozzle kits for FRV				
Nozzle kit for FRV, 050	159	2.642-433.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	☐
Hard surface cleaner FRV 30 Me				
FRV 30 Me Surface Cleaner	160	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.	☐
FRV 30 ME	161	2.642-911.0		☐
Surface Cleaner FR 50 Me				
FRV 50 Me surface cleaner	162	2.111-024.0	Surface cleaning with automatic suction of the dirty water for very large surfaces. Hot water cleaning up to 85°C.	☐
FRV 50 ME	163	2.643-598.0		☐
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Advanced 3, 900 l/h – 2500 l/h	164	4.112-065.0	Specially designed for use with aggressive cleaning agents: High-quality cup foam lance Advanced 3 with spray angle adjustment and Ecobrass for high-pressure cleaners from Kärcher.	☐
Cup foam lance DUO Advanced 3, 900 l/h – 2500 l/h	165	4.112-069.0	DUO Advanced 3 cup foam lance, designed for use with aggressive detergents. With instant switching to high-pressure cleaning, spraying angle adjustment and two-litre tank.	☐
Cup foam lance Basic 3, 900 l/h – 2500 l/h	166	4.112-055.0	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.	☐
Inno Foam Set				
Inno foam kit with detergent injector	167	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.	☐
	168	2.640-151.0		☐

☐ Available accessories.

EQUIPMENT FOR HDS 10/21 -4 ST GAS -EU-I 1.251-903.0



		Order no.	Description	
FOAM SYSTEMS				
Easy Foam Set				
Easy Foam Set with RM injector	169	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.	☐
	170	2.640-691.0		☐
Nozzle kits for Inno/Easy Foam Set				
Nozzle kit 090 Inno/Easy kit 700 – 1000 l/h	171	2.111-019.0	Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 l/h. For optimal foam system performance.	☐
Nozzle kit 110 Inno/Easy set 1000 – 1300 l/h	172	2.111-020.0	Nozzle kit 110 contains Kärcher power nozzles and nozzle inserts. For Inn/Easy-Foam set 1000-1300 l/h. For optimal foam system performance.	☐
MIXERS AND INJECTORS				
HP detergent injector				
Detergent injector for high and low pressure (without nozzles)	173	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	☐
	174	3.637-001.0		☐
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.	175	4.769-003.0	Nozzle insert for detergent injector 3.637-001 for high-pressure detergent application. For high-pressure cleaners with a water flow rate up to 1100 l/h.	☐
Low pressure for units rated up to 1100 l/h	176	4.769-001.0	For low pressure with machines up to 1.100 l/h	☐
COUPLING PARTS				
Rotary coupling				
Rotary coupling	177	4.111-021.0	Reliably prevents twisting of HP hoses. Connection Easy!Lock. Handle protection	☐
Coupling				
Coupler -2xM22x1,5	178	4.403-002.0	For connecting and extending high-pressure hoses. Connection 2 × M 22 × 1.5.	☐
Connector				
Nozzle connector/screw connector	179	4.111-022.0	For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) - 1 × M 22 × 1.5/1 × M 18 × 1.5.	☐
Short spray unit	180	4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	☐
Adapter EASY!Lock				
Adapter 1 M22AG-TR22AG	181	4.111-029.0	Adapter 1 to connect the old hose with the new hose	☐
Adapter 2 M22IG-TR22AG	182	4.111-030.0	Adapter 2 to connect the old device with the new hose and the old gun with the new hose	☐

☐ Available accessories.

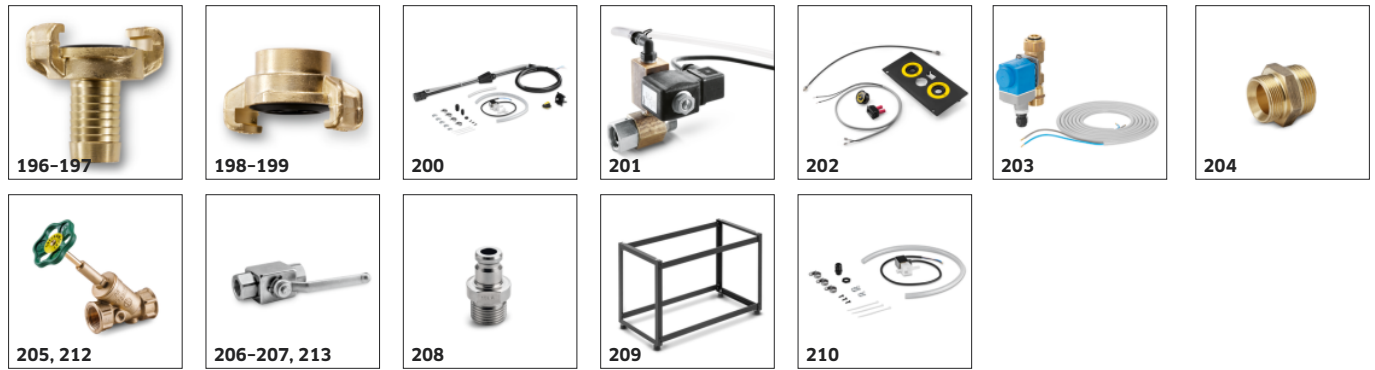
EQUIPMENT FOR HDS 10/21 -4 ST GAS -EU-I 1.251-903.0



		Order no.	Description	
COUPLING PARTS				
Adapter EASY!Lock				
Adapter 3 M22IG-TR22AG	183	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	☐
Adapter M22 - Swivel	184	4.111-032.0	Adapter 4 to connect the new gun with the old swivel hose	☐
Adapter 5 TR22IG-M22AG	185	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	186	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	187	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	☐
Adapter 8 TR20IG-M18AG	188	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	☐
Coupler -2xTR22 - EASY!Lock	189	4.111-037.0	Adapter 9 to connect the new hose with the new hose	☐
ADAPTER for replacement TR22IG-M22AG Er	190	4.111-046.0	Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	☐
HOSE REELS				
Automatic, self-winding hose reels				
Automatic hose reel, powder-coated steel / plastic, 20 m	191	6.392-074.0	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, 20 m	192	6.392-083.0	Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.	☐
Automatic hose reel, coated, 20 m	193	6.392-106.0	Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	☐
Automatic hose reel, stainless steel, includes swivel holder, 20 m	194	6.392-076.0	Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	☐
Automatic stainless steel hose reel, 40 m	195	6.392-442.0	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).	☐
WATER CONNECTION				
Geka coupling				
With hose nozzle, R 3/4"	196	6.388-455.0	with hose liner	☐

☐ Available accessories.

EQUIPMENT FOR HDS 10/21 -4 ST GAS -EU-I 1.251-903.0



		Order no.	Description	
WATER CONNECTION				
Geka coupling				
With hose nozzle, R 1"	197	6.388-465.0	with hose barb	☐
With female thread, R 3/4"	198	6.388-473.0	with female thread	☐
Hose coupling	199	6.388-458.0		☐
STATIONARY HIGH-PRESSURE CLEANING SYSTEMS				
Add-on kit cleaning agents double	200	2.209-006.0	The attachment kit makes it easy to dose a second detergent by remote control.	☐
Add-on kit pressure discharge	201	2.209-007.0	Attachment kit for automatic pressure relief for stationary cold and hot water high-pressure cleaners. For effective protection of the high-pressure system.	☐
Add-on kit hour counter pressure gauge	202	2.209-008.0	Attachment kit with hour counter and pressure gauge for stationary cold and hot water high-pressure cleaners. For easy control of the machine's operating time and operating pressure.	☐
Add-on kit solenoid valve	203	2.209-010.0	Water inlet solenoid valve attachment kit for stationary cold and hot water high-pressure cleaners. The solenoid valve automatically closes the water supply to the high-pressure cleaner when the machine is at a standstill.	☐
Double connecting	204	5.402-001.0		☐
Full-bore valve	205	6.412-021.0		☐
High-pressure ball valve	206	6.412-066.0		☐
	207	6.412-386.0		☐
Quick release coupling	208	6.463-022.0		☐
Floor rack	209	2.210-008.0	Floor structure made of plastic-coated steel for installing stationary HDS hot water machines.	☐
Add-on kit cleaning agents single	210	2.209-005.0	The attachment kit makes it easy to dose the detergent via remote control.	☐

☐ Available accessories.

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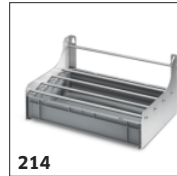
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205, 212



206-207, 213



214



217



218



219



220

		Order no.	Description	
STATIONARY HIGH-PRESSURE CLEANING SYSTEMS				
Add-on kit stand foot	211	2.638-276.0	The attachment kit enables stationary high-pressure cleaners from Kärcher to be installed on the ground in a versatile and stable manner. The machine is securely positioned 200 mm from the floor.	☐
STATIONARY HIGH-PRESSURE CLEANERS				
Full-bore valve	212	6.412-022.0		☐
High-pressure ball valve, stainless steel, G1/2"	213	6.413-500.0	Selected ingredients and a special formulation for gentle and intensive cleaning of cars and commercial vehicles at the same time: VehiclePro Active Foam RM 812 Classic from Kärcher. Suitable for use at self-service washing stations and in vehicle wash systems, the particularly foam-intensive active foam reliably and effectively removes grease, oil and mineral contamination from vehicle surfaces. RM 812 Classic can also be used as a brush shampoo. The voluminous, light-coloured foam supports the gliding properties of the brushes and thus protects the paintwork, while at the same time significantly reducing the resoiling of the brushes. In addition, the high-yield active foam is matched to subsequent wax products and thus prevents streaking, quickly separates oil/water in the oil separator and is VDA-compliant.	☐
ABS cleaning agents wall bracket HDC	214	2.641-703.0	Wall bracket for two cans.	☐
High-pressure hose	215	4.440-172.0		☐
Jet pipe 2050 mm	216	4.760-628.0	Spray lance, rotatable, grey, 2,050 mm.	☐
COLD WATER WASH MACHINES				
Couplings and connectors				
Coupling	217	4.403-004.0	For joining and extending HD hoses. Connection 2 × M 22 × 1.5. Material: Stainless steel.	☐
SELF SERVICE WASHING SYSTEMS AND EQUIPMENT				
Wash bay equipment				
Swivelling boom 360° for high-pressure tool	218	4.058-106.0	Swivelling boom for HP-working hose (360° turning circle). Mounted above the washing bay.	☐
Miscellaneous				
Swinging boom 180°, wall-mounted	219	2.637-120.0	Ideal for stationary HD/HDS machines from Kärcher, e.g. in washing bays: wall-mounted swivelling boom with 180° outreach for holding the high-pressure hose.	☐
DRUM AND TANK CLEANING				
Barrel and tank cleaning				
Rotary cleaner head M63E	220	6.751-061.0	Compact interior cleaning head made of stainless steel for cleaning the interiors of drums and containers with openings of 65 mm or more. Offers an impressively low weight and constant rotation speed by means of an electric motor.	☐

☐ Available accessories.