

HDS 13/20-4 S CLASSIC

Reliable, robust and mobile: the super class hot water high-pressure cleaner with tubular steel frame and crankshaft pump impresses during daily use under the harshest conditions.



Order No. 1.030-912.0

- Powerful design, water-cooled 4-pole electric motor with crankshaft pump
- Tubular steel frame with crane hook, 10-metre-long high-pressure hose
- Classic trigger gun and spray lance, 30-litre fuel tank, puncture-proof wheels

Technical data

EAN code		4054278956152
Number of phases	Phases	3
Voltage	Volt	400
Frequency	Hertz	50
Flow rate	Litres per hour	600 - 1300
Working pressure	Bar / Mega pascal	30 - 200 / 3 - 20
Temperature (feed 12 °C)	Celsius	Maximum 80
Consumption of fuel oil at full load	Kilograms per hour	8.9
Heating oil consumption, ecoefficiency	Kilograms per hour	7.2
Connected load	Kilowatt	9.5
Power cable	Metre	5
Fuel tank	Litre	30
Weight (with accessories)	Kilogram	157
Weight incl. packaging	Kilogram	166.981
Dimensions (L x W x H)	Millimetre	1075 x 722 x 915

Scope of supply

- Spray gun: Standard
- High-pressure hose length: 10 Metre
- High-pressure hose specification: DN 8, 315 bar
- Spray lance: 1050 Millimetre
- Power nozzle

Equipment

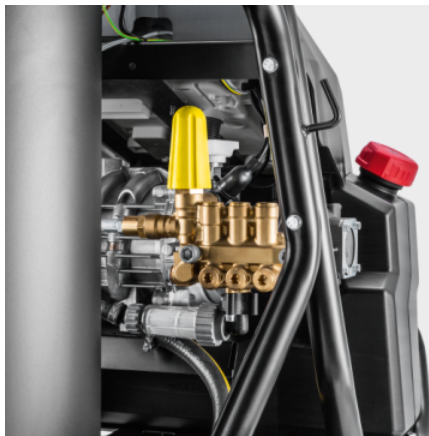
- Pressure cut-off
- Pole reversing plug (3-phase)

This machine requires instruction.



Robust and long-lasting

- A robust tubular steel frame reliably protects the machine against damage.
- Good accessibility for easy service and maintenance.



Reliability

- Proven safety technology such as thermo and safety valve and water filter.



Efficient burner engineering

- High degree of efficiency with low emissions and long life.
- Long work applications thanks to 30-l fuel tank.
- In the Eco mode, the unit operates in the most economical temperature range (60°C) with full water flow.

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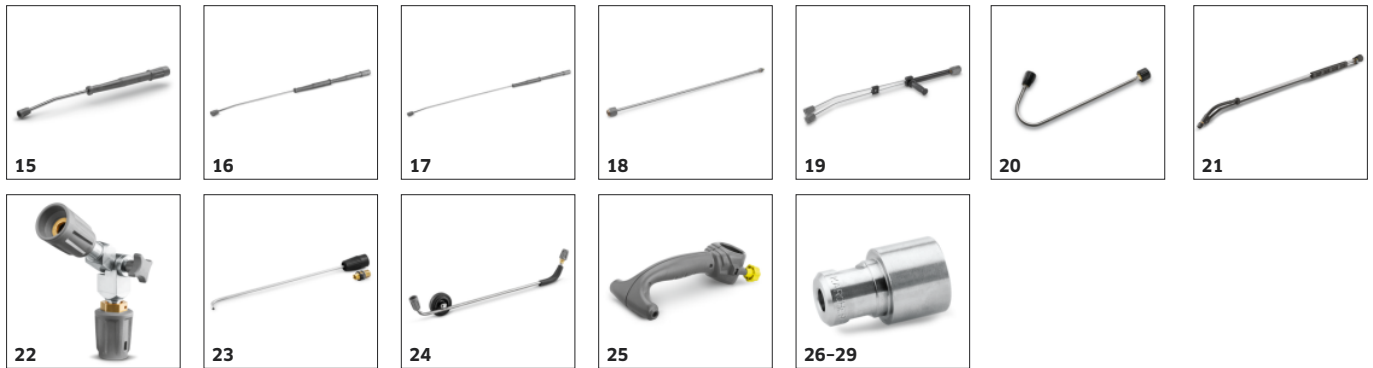


		Order No.	Description	
TRIGGER GUNS				
Trigger guns				
Pistol TR 155°C with package	1	4.119-002.0	High-quality Classic spray gun with robust valve. Also suitable for Kärcher hot water high-pressure cleaners.	■
Conversion kit 1 from high pressure hose	2	4.111-050.0	For retrofitting Kärcher high-pressure cleaners with existing high-pressure hose: EASY!Force conversion kit 1 with EASY!Force high-pressure gun, spray lance and all adapters through to the nozzle.	□
Conversion kit 2 from device	3	4.111-051.0	Developed for retrofitting existing high-pressure cleaners from Kärcher: EASY!Force conversion kit 2 with EASY!Force high-pressure gun, spray lance, high-pressure hose and necessary adapters.	□
Conversion kit 3 only EASY!Force	4	4.111-052.0	Compatible with existing high-pressure hose and spray lance: EASY!Force conversion kit 3, incl. EASY!Force trigger gun and all necessary adapters for upgrading your high-pressure cleaner.	□
SPRAY LANCES				
Rotating spray lances				
Spray lance Classic EASY!Lock, 1050 Millimetre	5	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 with transport packaging, 840 Millimetre	6	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 600mm with package, 600 Millimetre	7	4.119-009.0		□
Jet pipe Classic TR 100mm, 100 Millimetre	8	4.119-013.0		□
Jet pipe Classic TR 200mm, 200 Millimetre	9	4.119-014.0		□
Jet pipe Classic TR 400mm, 400 Millimetre	10	4.119-015.0		□
LED nozzle light	11	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 Millimetre, rotatable	12	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	□
Spray lance, 400 Millimetre, rotatable	13	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	□
Spray lance, 600 Millimetre, rotatable	14	4.112-007.0	600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□

■ Included in delivery. □ Available accessories.

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		Order No.	Description	
SPRAY LANCES				
Rotating spray lances				
Spray lance, 840 Millimetre, rotatable	15	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, 1550 Millimetre, rotatable	16	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 Millimetre, rotatable	17	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 extender, 1000 Millimetre	18	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	☐
Double lance				
Double lance, 960 Millimetre	19	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).	☐
Angular spray lance				
WC and gutter lance	20	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 Millimetre	21	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.	☐
High pressure articulated joint	22	4.112-057.0	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.	☐
Gutter cleaner				
Gutter cleaning lance	23	2.112-015.0	The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.	☐
Undercarriage spray lance				
Underbody lance	24	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	25	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. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360°-rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.	☐
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 25°				
Power nozzle , 070	26	2.113-028.0	Fan jet nozzle for large-area coverage and stubborn dirt and stains.	☒
HP nozzle spray angle 0°				
Power nozzle 0Degrees, 050	27	2.113-034.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	☐
Power nozzle spray angle 15°				
Power nozzle 15Degrees, 055	28	2.113-047.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	☐

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KÄRCHER POWER NOZZLE				
Power nozzle spray angle 40°				
Power nozzle 40Degrees, 050	29	2.113-054.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	☐
HIGH-PRESSURE HOSES				
Classic				
High-pressure hose Classic, 10 Metre, DN 8, 315 Bar x , EASY!Lock	30	4.119-005.0	High pressure hose with convenient EASY!Lock manual fitting from the Classic series by Kärcher. Also suitable for hot water high-pressure cleaners.	☒
Hose TR DN8 31,5MPa 20m with package, 20 Metre, DN 8, 315 Bar x , EASY!Lock	31	4.119-006.0		☐
Hose TR DN8 31,5MPa 30m with package, 30 Metre, DN 8, 315 Bar x , EASY!Lock	32	4.119-007.0		☐
Hose assembly with package TR DN10 25MPa, 20 Metre, DN 10, 250 Bar x , EASY!Lock	33	4.119-019.0		☐
Hose assembly with package TR DN10 25MPa, 40 Metre, DN 10, 250 Bar x , EASY!Lock	34	4.119-020.0		☐
Standard with unions on both sides				
High-pressure hose, 10 Metre, DN 10, 220 Bar, 2 x EASY!Lock	35	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 Metre, DN 8, 315 Bar, 2 x EASY!Lock	36	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 Metre, DN 8, 315 Bar, 2 x EASY!Lock	37	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 Metre, DN 8, 315 Bar, 2 x EASY!Lock	38	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 Metre, DN 8, 315 Bar, 2 x EASY!Lock	39	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 Metre, DN 10, 220 Bar, 2 x EASY!Lock	40	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).	☐
High-pressure hose, 20 Metre, DN 10, 220 Bar, 2 x EASY!Lock	41	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 Metre, DN 10, 220 Bar, 2 x EASY!Lock	42	6.110-044.0	Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	☐

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HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 40 Metre, DN 10, 220 Bar, 2 × EASY!Lock	43	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 Metre, DN 12, 210 Bar, 2 × EASY!Lock	44	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 Metre, DN 12, 210 Bar, 2 × EASY!Lock	45	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 with unions on both sides				
High-pressure hose Longlife, 1,5 Metre, DN 8, 400 Bar, 2 × EASY!Lock	46	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, 30 Metre, DN 8, 400 Bar, 2 × EASY!Lock	47	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 Metre, DN 8, 400 Bar, 2 × EASY!Lock	48	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 Metre, DN 8, 400 Bar, 2 × EASY!Lock	49	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.	☐
Food industry version with unions on both sides				
High-pressure hose food grade, 10 Metre, DN 8, 250 Bar, 2 × EASY!Lock	50	6.110-051.0	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 × 1.5 with anti-kink sleeve.	☐
High-pressure hose food grade, 20 Metre, DN 8, 250 Bar, 2 × EASY!Lock	51	6.110-052.0	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 × 1.5, with kink protection. NW 8/155°C/250 bar.	☐
Longlife food industry version with unions on both sides				
High-pressure hose food grade Longlife, 10 Metre, DN 8, 400 Bar, 2 × EASY!Lock	52	6.110-053.0	Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 × M 22 × 1,5	☐
Special hoses				
High-pressure hose curved, 1,5 Metre, DN 8, 400 Bar, 1 × EASY!Lock / 1 × M22 × 1,5	53	6.110-068.0	For connection to hose reels: high-pressure hose, with M 22 × 1.5 connection and curved EASY!Lock hand screw connection. 1.5 m long, suitable for up to 400 bar working pressure.	☐
WEED CONTROL				
WR 10	54	2.114-016.0	In combination with hot water high-pressure cleaners our WR 10 weed remover enables fast and thorough weed removal. With 10 cm spray head and nozzle adapter.	☐
ECO!BOOSTER				
eco!Booster TR 080	55	2.113-089.0	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 080).	☐
eco!Booster MAX TR 080	56	2.113-099.0		☐

☐ Available accessories.

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QUICK CONNECT				
Quick coupling	57	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.	☐
Male coupling	58	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 × 1.5 external thread.	☐
DRUM AND TANK CLEANING				
Add-on kit mud sucker	59	2.641-798.0	For connection to the high-pressure hose of Kärcher high-pressure cleaners: Powerful sludge suction cleaner for the retrofitting of high-pressure cleaners to dirt pumps.	☐
ADD ON KITS				
Float tank attachment kit for HDS C/M/S-Class Classic	60	2.394-003.0	Float box attachment kit for Classic mobile hot water high-pressure cleaners in the Compact/Medium and Super Class. System care protects against lime deposits and corrosion.	☐
Elapsed time counter attachment kit	61	2.853-192.0	Elapsed time counter attachment kit for determining the appliance running time.	☐
OTHER HP ACCESSORIES				
Jet gun	62	2.869-067.0	Short set-up time, easy transport, instant switch off - the jet gun is the affordable cleaning method for all kinds of small to medium-sized areas. Adjustable pressure/water volume.	☐
SEALS FOR TRAPEZOIDAL THREAD				
Gasket set with 9x O-rings for TR thread	63	2.880-001.0		☐
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster Vibrasoft, 080	64	4.114-068.0	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	65	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.	☐
MULTIPLE-JET NOZZLES				
Angle vario nozzle 0°-90°				
Angled vario nozzle, 055	66	4.113-008.0	Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.	☐
STEAM NOZZLE / NOZZLE PROTECTOR / ROLLOVER NOZZLE				
Steam nozzle				
Steam jet nozzle 50Degrees	67	4.116-000.0	Steam jet nozzle with 50°fan jet. For cleaning and thawing in steam stage. For thawing sand and gravel, de-icing formwork material or de-waxing vehicles.	☐
Rollover nozzle holder				
Owner of jets double brass	68	4.764-012.0	Rollover nozzle holder for contactless changeover from pencil jet to fan jet as well as low-pressure detergent injection via knurled nut. Without nozzle insert. (Additional type-specific power nozzle).	☐
NOZZLE UNION / SPACER				
Nozzle union				
Protection part TR only for replacement	69	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	☐
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Hose assembly TR pipe cleaning DN6 max.2	70	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).	☐

☐ Available accessories.

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PIPE CLEANING				
Pipe cleaning hose, ID 6				
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	71	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	72	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 nozzle				
Dirt blaster pipe cleaning D21/060	73	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	74	4.765-005.0		☐
Nozzle pipe cleaning size 80	75	5.763-087.0	Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	☐
Pipe cleaning nozzle	76	5.763-015.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐
	77	5.763-016.0		☐
	78	5.763-017.0	30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐
FLOOR AND HARD SURFACE CLEANER				
Hard Surface Cleaner FRV 30				
Add-on kit dirt trap	79	2.642-532.0	Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	☐
Hard surface cleaner FR 30 ME				
FR 30 ME surface cleaner	80	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.	☐
Hard Surface Cleaner FR 50				
Surface Cleaner FR 50 Me	81	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.	☐
Machine-specific nozzle kit for FR				
Nozzle kit for FR, 850 Litres per hour - 1100 Litres per hour	82	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	83	2.642-433.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	☐
FRV 30 Me surface cleaner				
FRV 30 ME	84	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.	☐

☐ Available accessories.

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FLOOR AND HARD SURFACE CLEANER				
FRV 30 Me surface cleaner				
Suction hose FRV 30 me	85	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	☐
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Advanced 3, 900 Litres per hour - 2500 Litres per hour	86	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 Litres per hour - 2500 Litres per hour	87	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 Litres per hour - 2500 Litres per hour	88	4.112-055.0	High-quality, simple and durable: Basic 3 cup foam lance for high-pressure cleaners with a flow rate of 900-2500 l/h. Halves the cleaning agent consumption while maintaining optimum foam quality.	☐
1-litre cleaning agent container for cup foam lance basic	89	5.071-414.0	For the quick change of the cleaning agent: Additional 1 litre cleaning agent container for basic foam lance (2.112-053.0, 2.112-054.0 and 2.112-055.0).	☐
1-litre cleaning agent container for cup foam lance advanced	90	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).	☐
Inno Foam Kit				
Inno foam kit with detergent injector	91	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.	☐
Inno foam kit	92	2.112-008.0		☐
Easy Foam Set				
Easy Foam Set with RM injector	93	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.	☐
Easy foam set	94	2.112-011.0		☐
Nozzle kits for Inno/Easy Foam Set				
Nozzle kit 090 Inno/Easy kit 700 - 1000 l/h	95	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.	☐
Foam nozzle mounting kit				
Foam nozzle kit	96	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.	☐
MIXERS AND INJECTORS				
HP detergent injector				
Detergent injector for high and low pressure (without nozzles)	97	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	☐
Detergent injector for high pressure	98	4.637-033.0	Cleaning agent dosage at high pressure 3 - 5 %	☐

☐ Available accessories.

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		Order No.	Description	
MIXERS AND INJECTORS				
Machine-specific nozzle kit with order no. 3.637-170				
Nozzle insert trapezoidal thread HDS-GER	99	4.769-011.0	For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union	☐
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.	100	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	101	4.769-001.0	For low pressure with machines up to 1.100 l/h	☐
COUPLING PARTS				
Rotary coupling				
Rotary coupling	102	4.111-021.0	Reliably prevents twisting of HP hoses. Connection Easy!Lock. Handle protection	☐
Connector				
Nozzle connector/screw connector	103	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.	☐
Y distributor	104	4.111-024.0	Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	☐
Short spray unit	105	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	106	4.111-029.0	Adapter 1 to connect the old hose with the new hose	☐
Adapter 2 M22IG-TR22AG	107	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	108	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	☐
Adapter M22 - Swivel	109	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.	☐
Adapter 5 TR22IG-M22AG	110	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	111	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	112	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	☐

☐ Available accessories.

EQUIPMENT FOR HDS 13/20-4 S CLASSIC

1.030-912.0

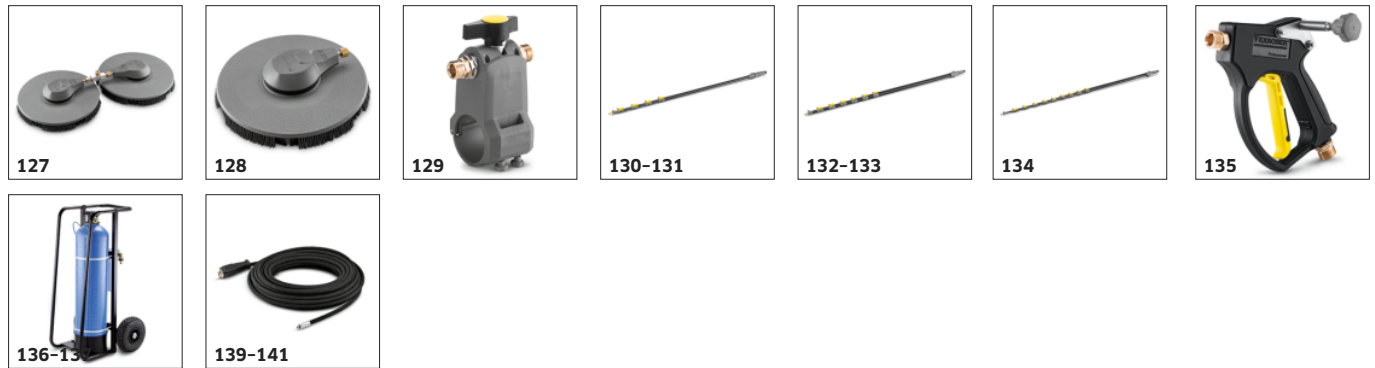


		Order No.	Description	
COUPLING PARTS				
Adapter EASY!Lock				
Adapter 8 TR20IG-M18AG	113	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	☐
Coupler -2xM22x1,5	114	4.111-037.0	Adapter 9 to connect the new hose with the new hose	☐
ADAPTER for replacement TR22IG-M22AG Er	115	4.111-046.0	Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	☐
HOSE REELS				
Hose reel add-on kit				
Add-on kit manual hose reel HDS C/M/S-Class Classic	116	2.639-353.0	Manual hose reel attachment kit for installation on the machine. For safe storage of the high-pressure hoses. Suitable for Classic HDS machines in the compact, medium and super classes.	☐
Automatic, self-winding hose reels				
Zinc-coated swivel holder	117	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.	☐
Stainless steel swivel holder	118	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.	☐
FACADE AND SOLAR PANEL CLEANING				
Brushes				
Transmission brush complete	119	4.762-584.0	Hydraulic drive for rotating roller brushes. For cleaning façades or solar power installations with our professional high-pressure cleaners. Installation on spray lance or telescopic lance.	☐
Splash guard complete	120	4.762-621.0	Splash guard with velcro fastening for rotating roller brush. Clear view of the brush thanks to transparent film, with protection against splashes at the same time.	☐
Roll soft	121	4.762-623.0	Soft brush attachment for use with hydraulic drive (4.762-584.0). Ideal for glass and solar power installation cleaning. Easy quick-change system and secure mounting on drive.	☐
Roll middle	122	4.762-624.0	Medium-hard brush attachment for use with hydraulic drive (4.762-584.0). Suitable for sensitive façades, foils and fabrics. Easy and safe quick-change system.	☐
Roll hard	123	4.762-625.0	Hard brush attachment for use with hydraulic drive (4.762-584.0). For rough façades, stone and wooden patios. Safe and easy quick-change system.	☐
Brush rigid hard	124	6.960-133.0	Brush with hard bristles for cleaning industry facades and floor coverings and removing coarse dirt. Simple installation on telescopic lances or high-pressure lances from Kärcher.	☐
Brush rigid middle	125	6.960-134.0	Optimally cleans facades, roller shutters and textile fabrics: the brush with medium-hard bristles for fast and simple attachment to telescopic lances or high-pressure lances from Kärcher.	☐
Brush rigid soft	126	6.960-135.0	For simple installation on telescopic lances or high-pressure lances from Kärcher: brush with soft bristles for deep cleaning of sensitive surfaces such as glass or solar systems.	☐

☐ Available accessories.

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FACADE AND SOLAR PANEL CLEANING				
Brushes				
iSolar 800 Advanced	127	6.368-094.0	iSolar 800 water-driven brush head, 800 mm wide, for water flow rates of 700-1,000 l/h. With two contra-rotating disc brushes and flexible angle joint. For photovoltaic systems.	☐
iSolar 400 Advanced	128	6.368-092.0	iSolar 400 brush for water flow rate of 700-1,000 l/h. The water-driven disc brush with a width of 400 mm cleans small to medium-sized photovoltaic systems. Also perfect for use on elevated systems.	☐
Teleskopstangen				
Ball valve	129	4.580-097.0	TL low-pressure adapter comprising ball valve for tool-free installation on telescopic lances. Ideal for applications with rotating high-pressure brushes.	☐
Telescope lance glass fibre 7 m	130	4.762-609.0	Telescopic lance TL 7 F with up to 7 m reach made from robust and lightweight glass fibre. With practical quick-release fasteners for simple retraction and extension.	☐
Telescope lance hybrid 7 m	131	4.762-610.0	Multifunctional hybrid telescopic lance TL 7 H made of rigid and lightweight carbon-glass fibre mix. Telescopic thanks to quick-release fastenings. Up to 7 m reach.	☐
Telescope lance hybrid 10 m	132	4.762-611.0	Up to 10 m reach: hybrid telescopic lance TL 10 H. Comprising carbon-glass fibre mix and suitable for multifunctional use. Simple retraction and extension thanks to quick-release fasteners.	☐
Telescope lance carbon 10 m	133	4.762-612.0	Carbon fibre telescopic lance TL 10 C. With up to 10 m reach and practical quick-release fasteners. Multifunctional use for cleaning facades, windows or solar panels.	☐
Telescope lance carbon 14 m	134	4.762-613.0	Maximum rigidity with minimum weight: telescopic lance TL 14 C made from carbon fibre. Enormous reach of 14 m, multifunctional use and easy to use thanks to quick-release fasteners.	☐
Pistol	135	4.775-154.0	TL high-pressure adapter, flexible high-pressure gun for high-pressure cleaning with telescopic lances. Ergonomic, easy to install, suitable for right- and left-handed individuals.	☐
Wasserenthärtung				
WS 50	136	6.368-463.0	The mobile WS 50 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water.	☐
WS 100	137	6.368-464.0	The mobile WS 100 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water.	☐
WS Regenerator	138	6.368-465.0	With the WS Regenerator regeneration system, the softening cartridges of the water softening units WS 50 and WS 100 can be backflushed and regenerated at the push of a button.	☐
Schläuche				
iSolar HP hose 7	139	6.392-978.0	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	140	6.392-977.0	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.	☐

☐ Available accessories.

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		Order No.	Description	
FACADE AND SOLAR PANEL CLEANING				
Schläuche				
iSolar HP hose 14	141	6.392-976.0	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.	☐
WET BLASTING ATTACHMENT				
Wet blasting attachment (without nozzle)				
Wet blasting attachment with flow control (without nozzles)	142	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.	☐
Wet blasting attachment without flow control (nozzles not included)	143	4.115-006.0	Addition of spray agent to the high pressure jet. For paint stripping, rust removal and descaling. Assembly on spray lance instead of high-pressure nozzle. Without water flow regulation	☐
Nozzle pack for wet blasting attachment				
Nozzle pack TR wet jet set 0055	144	2.112-024.0	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.	☐
Boron carbide nozzle				
Boron carbide nozzle, for machines as of 1000 l/h	145	6.415-084.0	In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	☐
DRUM AND TANK CLEANING				
Barrel and tank cleaning				
Barrel cleaner BC 14/12	146	2.112-020.0	The BC 14/12 barrel cleaner is a spray unit for the interior cleaning of containers and barrels – especially oak barrels with a capacity of between 225 and 600 litres.	☐
Spray head HKF 30/14-E	147	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.	☐
Nozzle kit for HKF 50 spray head (3.631-009.0 / 3.631-039.0)				
Nozzle 045 for dual nozzle operation HKF 50	148	6.415-446.0	Nozzle for dual-nozzle operation	☐
High-pressure full jet nozzle 090 for interior cleaning heads	149	6.415-447.0	High-pressure full jet nozzle 090 for interior cleaning heads with a spray angle of 0°, made of hardened stainless steel and with 1/8-inch thread.	☐
Double handle for exact control of the spray head	150	2.863-036.0	Double handle. Precise control of the spray head	☐
1/8" screw plug for interior cleaning heads	151	5.411-061.0	Screw plug for high-pressure interior cleaning heads with 1/8-inch thread.	☐
WATER CONNECTION				
Geka coupling				
Geka connector with hose barb, R 3/4"	152	6.388-455.0	with hose liner	☐
Geka connector with hose barb, R 1"	153	6.388-465.0	with hose barb	☐
Geka connector with internal thread, R 1"	154	6.388-458.0	with female thread	☐

☐ Available accessories.

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		Order No.	Description	
WATER CONNECTION				
Suction filter				
Water suction filter	155	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	156	4.730-012.0	Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	☐
Fine-mesh water filter				
Add-on kit water filter universal	157	2.637-020.0	Water fine filter, mesh size 25 µm, max. temperature 50 °C. Protects the machine from small dirt particles in the water. Water volume up to 1200 l/h. 3/4" connection, with 1" adapter.	☐
Fine-mesh water filter with adapter	158	4.730-102.0	Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".	☐
Fine-mesh water filter, 100 µm, R 1"	159	2.638-270.0	Fine-mesh water filter, 100 µm, max. temperature 60°C. Connects to high-pressure cleaner. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connector 1".	☐
Water supply hose				
Water supply hose	160	4.440-207.0	NW 19 R1" / R 3/4", up to 85 °C, for pick-up	☐
	161	4.440-270.0	NW 19 R1" / R1", up to 85 °C	☐
WASHING BRUSHES				
Push-on washing brush				
Push-on wash brush, M 18 × 1.5	162	4.113-001.0	For universal use for surface cleaning. Mounted using clamp directly at the spray lance. TR thread connection	☐
Rotating washing brush				
Rotating wash brush for > 1000 l/h machines, nylon bristles	163	4.113-002.0	Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 × 1.5 (replaceable brush insert).	☐
Rotating wash brush for > 800 l/h machines, natural bristles	164	4.113-005.0		☐

☐ Available accessories.