HDS-E 8/16-4 M 12 KW

High economy, high performance electrically-heated hot water high pressure cleaner with zero emissions. 12kW version featuring pre-heat chamber and 30°C continuous operating temperature at full pressure



Made in Germany

eco!efficiency

3-4 h

SERVO CONTROL

EASY!Force

Order no.	1.030-900.0

- Economical eco!efficiency mode

Technical data

EAN code		4054278168883
Current type	**Ph / V / Hz**	3 / 400 / 50
Flow Rate	**l/h**	300 - 760
Operating pressure	**bar / MPa**	30 - 160 / 3 - 16
Temperature (supply 12°C)	**°C**	min. 30 - max. 85
Power rating	**kW**	17.5
Power cable	**m**	5
Heating output	**kW**	12
Weight (with accessories)	**kg**	119.7
Weight incl. packaging	**kg**	130.7
Dimensions (L × W × H)	**mm**	1330 × 750 × 1060

This device does not require instruction.

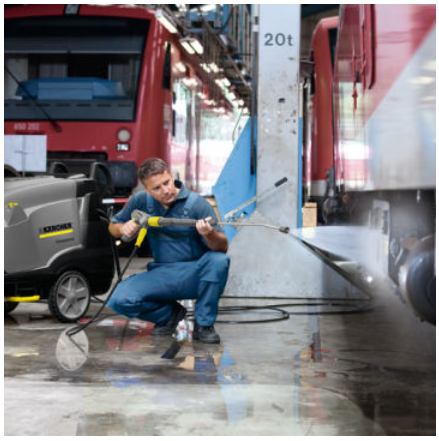
Equipment

Trigger gun		EASY!Force Advanced
High-pressure hose	**m**	10 / DN 6, 250 bar
Spray lance	**mm**	1050
Power nozzle		■
Emission-free electric heating		■
Control panel with indicator lamps		■
Pressure switch control		■
Two detergent tanks		■

■ Included in delivery.

HDS-E 8/16-4 M 12 kW, 1.030-900.0, 2023-07-30





High working temperature

- Large water reservoir (max. 85 °C).
- Up to 30 °C in continuous operation



Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.

- At last – work without getting tired: the EASY!Force high-pressure gun.
- EASY!Lock quick-release locks: durable and robust. And five times faster than screws.



Servo Control

- For delivering a significantly higher water temperature to the accessories.

HDS-E 8/16-4 M 12 kW, 1.030-900.0, 2023-07-30

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EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


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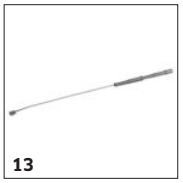

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		Order no.	Description	
TRIGGER GUNS				
Trigger guns				
EASY!Force Advanced	1	4.118-005.0	Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator 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 conncect to the M22 style lance and hose.	☐
Servo Control				
Servo Control, 750 l/h – 1100 l/h	5	4.118-008.0	Water quantity and pressure regulated directly from the hand spray gun.	■
SPRAY LANCES				
Rotating spray lances				
Spray lance, 1050 mm, rotatable	6	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
LED nozzle light	7	2.680-002.0	LED work light for assembly on EASY!Force spray lances, providing a clear view in poor lighting conditions ensuring controlled cleaning results.	☐
Spray lance, 250 mm, rotatable	8	4.112-027.0	250 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 400 mm, rotatable	9	4.112-024.0	400 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 600 mm, rotatable	10	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	11	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 mm, rotatable	12	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	13	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 mm	14	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	☐

■ Included in delivery. ☐ Available accessories.

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EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


15


16


17


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19


20


21


22–25


26, 28–31


27

		Order no.	Description	
SPRAY LANCES				
Double lance				
Double lance, 960 mm	15	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	16	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	17	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	18	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	19	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	20	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	21	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.	☐
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 25°				
Power Nozzle 25°, 045	22	2.113-022.0	Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	■
HP nozzle spray angle 0°				
Power Nozzle 0°, 045	23	2.113-033.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	☐
Power nozzle spray angle 15°				
Power Nozzle 15°, 045	24	2.113-046.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	☐
Power nozzle spray angle 40°				
Power Nozzle 40°, 045	25	2.113-053.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	☐
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 10 m, DN 6, 250 bar, 2 × EASY!Lock	26	6.110-035.0	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 6/155°C/250 bar.	■
High-pressure hose, 10 m, DN 6, 300 bar, 2 × EASY!Lock	27	6.110-056.0	With patented AVS connection in the trigger gun (pivot-mounted) and hand screw union. M 22 × 1.5 with anti-kink protection. NW 6/155°C/300 bar	☐
High-pressure hose, 10 m, DN 8, 315 bar, 2 × EASY!Lock	28	6.110-031.0	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.	☐

■ Included in delivery. ☐ Available accessories.

EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


26, 28–31


32, 37


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34, 36


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41–43

		Order no.	Description	
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 15 m, DN 8, 315 bar, 2 × EASY!Lock	29	6.110-030.0	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, DN 8, 315 bar, 2 × EASY!Lock	30	6.110-032.0	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.	☐
High-pressure hose, 30 m, DN 8, 315 bar, 2 × EASY!Lock	31	6.110-014.0	With rotary coupling, 2 × M 22 × 1.5	☐
High-pressure hose, 15 m, DN 10, 220 bar, 2 × EASY!Lock	32	6.110-042.0	15 m high-pressure hose M 22 × 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, 2 × EASY!Lock	33	6.110-043.0	with union on both sides, M 22 × 1.5 with anti-kink protection. NW 10/155°C/220 bar	☐
High-pressure hose, 25 m, DN 10, 220 bar, 2 × EASY!Lock	34	6.110-044.0		☐
High-pressure hose, 15 m, DN 12, 210 bar, 2 × EASY!Lock	35	6.110-059.0	High-pressure hose for water volumes greater than 1,800 l / h. With union on both sides. 2x M 22 × 1.5 with anti-kink protection.	☐
High-pressure hose, 40 m, DN 12, 210 bar, 2 × EASY!Lock	36	6.110-060.0		☐
High-pressure hose, 10 m, DN 10, 220 bar, 2 × EASY!Lock	37	6.110-041.0		☐
Longlife 400 with unions on both sides				
High-pressure hose Longlife, 1,5 m, DN 8, 400 bar, 2 × EASY!Lock	38	6.110-024.0	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, 1,5 m, DN 8, 400 bar, 1 × EASY!Lock / 1 × M22 × 1.5	39	6.110-069.0	High-pressure hose (ID 8) with double steel reinforcement, 1.5 m long, suitable for up to 400 bar pressure. Connectors: M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.	☐
High-pressure hose Longlife, 10 m, DN 8, 400 bar, 2 × EASY!Lock	40	6.110-038.0	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 Longlife, 30 m, DN 8, 400 bar, 2 × EASY!Lock	41	6.110-023.0	With rotary coupling, 2 × M 22 × 1.5	☐
High-pressure hose Longlife, 20 m, DN 8, 400 bar, 2 × EASY!Lock	42	6.110-027.0	with rotary coupling, 2 × M 22 × 1.5	☐

■ Included in delivery. ☐ Available accessories.

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EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


41–43


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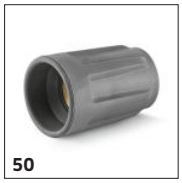

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		Order no.	Description	
HIGH-PRESSURE HOSES				
Longlife 400 with unions on both sides				
High-pressure hose Longlife, 15 m, DN 8, 400 bar, 2 × EASY!Lock	43	6.110-029.0	With rotary coupling, 2 × M 22 × 1.5	☐
Food industry version with unions on both sides				
High-pressure hose food grade, 15 m, DN 6, 250 bar, 2 × EASY!Lock	44	6.110-063.0	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.	☐
High-pressure hose food grade, 10 m, DN 8, 250 bar, 2 × EASY!Lock	45	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 m, DN 8, 250 bar, 2 × EASY!Lock	46	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 m, DN 8, 400 bar, 2 × EASY!Lock	47	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, DN 8, 400 bar, 2 × EASY!Lock	48	6.110-054.0	Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With patented AVS connection in the pistol (pivot mounted)	☐
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt Blaster Nozzle, large, 045	49	4.114-042.0	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	50	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	51	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	52	6.110-008.0	20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).	☐
Hose assembly TR pipe cleaning DN6 max.2	53	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	54	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	55	4.765-005.0		☐
Pipe cleaning nozzle	56	5.763-015.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐

☐ Available accessories.

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EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


56–57


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		Order no.	Description	
PIPE CLEANING				
Pipe cleaning nozzle				
Pipe cleaning nozzle	57	5.763-016.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐
	58	5.763-017.0	30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐
Rotating pipe cleaning nozzle	59	6.415-428.0	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 FRV 30				
Add-on kit hose attachment	60	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.	☐
Add-on kit dirt trap	61	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	62	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				
FR 50 surface cleaner	63	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, 650 l/h – 850 l/h	64	2.639-187.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).	☐
Machine-specific nozzle kits for FRV				
Nozzle kit for FRV, 045	65	2.642-432.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	☐
Hard surface cleaner FRV 30 Me				
Extension hose FRV 30 Me and FRV 50 Me	66	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	☐
FRV 30 Me Surface Cleaner	67	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.	☐
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Basic 2, 700 l/h – 800 l/h	68	4.112-054.0	For high-pressure cleaners with a flow rate of 700–800 l/h: new, robust and very high-quality foam cup lance with outstanding foam quality while consuming half as much cleaning agent.	☐
1-litre cleaning agent container for cup foam lance basic	69	5.071-414.0		☐
1-litre cleaning agent container for cup foam lance advanced	70	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).	☐

☐ Available accessories.

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EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


71


72


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82–83


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		Order no.	Description	
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Advanced 2, 700 l/h – 800 l/h	71	4.112-064.0		☐
Cup foam lance DUO Advanced 2, 700 l/h – 800 l/h	72	4.112-068.0		☐
Inno Foam Set				
Inno foam kit with detergent injector	73	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	74	2.112-008.0		☐
Easy Foam Set				
Easy Foam Set with RM injector	75	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	76	2.112-011.0		☐
Nozzle kits for Inno/Easy Foam Set				
Nozzle kit 090 Inno/Easy kit 700 – 1000 l/h	77	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	78	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)	79	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	☐
Detergent injector for high pressure	80	4.637-033.0	Cleaning agent dosage at high pressure 3 – 5 %	☐
Machine-specific nozzle kit with order no. 3.637-170				
Nozzle insert trapezoidal thread HDS-GER	81	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.	82	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	83	4.769-001.0	For low pressure with machines up to 1.100 l/h	☐
QUICK CONNECT				
Quick-fitting pipe union coupler trapezo	84	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.	☐

☐ Available accessories.

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EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


85


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		Order no.	Description	
QUICK CONNECT				
Quick-fitting pipe union plug nipple tra	85	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	86	2.641-798.0		☐
OTHER HP ACCESSORIES				
Jet gun	87	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.	☐
Plug 5-pole CEE 400V 63A	88	6.646-559.0		☐
COUPLING PARTS				
Rotary coupling				
Rotary coupling	89	4.111-021.0	Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector Easy!Lock. With grip protection.	☐
Connector				
Nozzle connector/screw connector	90	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 × 1.5 and 1x M 18 × 1.5.	☐
Y distributor	91	4.111-024.0	Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	☐
Short spray unit	92	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	93	4.111-029.0	Adapter 1 to connect the old hose with the new hose	☐
Adapter 2 M22IG-TR22AG	94	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	95	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	☐
Adapter M22 – Swivel	96	4.111-032.0	M22 × 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	97	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	98	4.111-034.0	Adapter 6 to connect the new device with the old hose and the old hose with the new gun	☐

☐ Available accessories.

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EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


99


100


101


102


103


104


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106


107


108


109


110–111


112

		Order no.	Description	
COUPLING PARTS				
Adapter EASY!Lock				
Adapter 7 M18IG-TR20AG	99	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	☐
Adapter 8 TR20IG-M18AG	100	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	☐
Coupler -2xM22x1,5	101	4.111-037.0	Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2x M 22 × 1.5 m.	☐
ADAPTER for replacement TR22IG-M22AG Er	102	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 plastic hose reel incl. high-pressure hose, 15 m	103	2.639-257.0		☐
Automatic hose reel, powder-coated steel / plastic, 20 m	104	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	105	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	106	6.392-106.0	Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	☐
Hose reel, automatic, basalt grey-coated, 20 m	107	6.392-105.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.	☐
Automatic hose reel, stainless steel, includes swivel holder, 20 m	108	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	109	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).	☐
Powder-coated swivel holder	110	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	111	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.	☐
Anbausatz Schlauchtrommel automatik				
Attachment kit automatic hose reel HDS M/S	112	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.	☐

☐ Available accessories.

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EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


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		Order no.	Description	
HOSE REELS				
Anbausatz Schlauchtrommel automatik				
Attachment kit automatic hose reel holder HDS M/S	113	2.110-020.0	Holder includes connection material for installing an automatic hose reel to machines in the HDS Middle and Super classes.	☐
FACADE AND SOLAR PANEL CLEANING				
Brushes				
iSolar 800 Advanced	114	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	115	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.	☐
Drive for roller brush 500	116	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 for roller brush 500	117	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.	☐
Roller brush 500 soft	118	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.	☐
Roller brush 500 medium	119	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.	☐
Roller brush 500 hard	120	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 hard	121	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 medium	122	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 soft	123	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.	☐
Telescopic				
TL low pressure adapter	124	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.	☐
Telescopic lance TL 7 F	125	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.	☐
Telescopic lance TL 7 H	126	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.	☐

☐ Available accessories.

KÄRCHER

EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


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		Order no.	Description	
FACADE AND SOLAR PANEL CLEANING				
Telescopic				
Telescopic lance TL 10 H	127	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.	☐
Telescopic lance TL 10 C	128	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.	☐
Telescopic lance TL 14 C	129	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.	☐
TL high pressure adapter	130	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	131	6.368-463.0	The mobile WS 50 water softening unit prevents lime residue on clean surfaces. A special ion-exchange resin removes the dissolved limescale from the water.	☐
WS 100	132	6.368-464.0	The mobile WS 100 water softening unit prevents lime residue on clean surfaces. A special ion-exchange resin removes the dissolved limescale from the water.	☐
WS Regenerator	133	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.	☐
Hoses				
Hose solar	134	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.	☐
	135	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.	☐
	136	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.	☐
Attachment kits and adapters				
Case sheet steel	137	6.988-152.0	Certified personal security system for rooftop work. Contents: Travelling fall arrestor with shock absorber and 15 m kernmantle rope, harness, anchoring sling and sheet steel case.	☐
WET BLASTING ATTACHMENT				
Wet blasting attachment (without nozzle)				
Wet blasting attachment with flow control (without nozzles)	138	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)	139	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.	☐
Nozzle pack for wet blasting attachment				
Nozzle pack TR wet jet set 0045	140	2.112-022.0	Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment performance. Only in combination with wet blasting attachment 4.115-000.0 | 4.115-006.0.	☐

☐ Available accessories.

KÄRCHER

EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0


141


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		Order no.	Description	
WET BLASTING ATTACHMENT				
Boron carbide nozzle				
Boron carbide nozzle, for machines as of 1000 l/h	141	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	142	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.	☐
ADD-ON KITS				
Crane lifting kit				
Transport eyelet attachment kit	143	2.644-053.0	Robust transport eyelet attachment kit for the secure fixing of HDS Medium and Super Class pressure washers during transport.	☐
WATER CONNECTION				
Geka coupling				
With hose nozzle, R 1/2"	144	6.388-461.0	with hose liner	☐
With hose nozzle, R 3/4"	145	6.388-455.0		☐
Hose coupling	146	6.388-458.0	with female thread	☐
Suction filter				
Water filter	147	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	148	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	149	2.637-020.0		☐
Fine-mesh water filter with adapter	150	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".	☐
Water supply hose				
Water supply hose	151	4.440-038.0	NW 13 R1" / R 3/4", up to 30 °C	☐
Backflow check valve				
Backflow preventer	152	2.641-374.0	To prevent detergent getting into the drinking water cycle in case of inlet at low-pressure. – hot water resistant up to 80 °C – tested according to IEC 60335-2-79 – integrated leakage protection	☐
WASHING BRUSHES				
Push-on washing brush				
Push-on wash brush, M 18 × 1.5	153	4.113-001.0	Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 × 1.6.	☐
Rotating washing brush				
Rotating wash brush for < 800 l/h machines, nylon bristles	154	4.113-004.0	The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 60°C. (M 18 × 1.5, replaceable brush insert).	☐

☐ Available accessories.

EQUIPMENT FOR HDS-E 8/16-4 M 12 KW
1.030-900.0



155

		Order no.	Description	
WASHING BRUSHES				
Rotating washing brush				
Rotating wash brush for < 800 l/h machines, natural bristles	155	4.113-003.0	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).	☐

☐ Available accessories.