



## HDS-E 8/16-4 M 24 kW

The electrically heated HDS E 8/16-4 M hot water high-pressure cleaner impresses with 24 kW heating output and high energy efficiency wherever exhaust gases are undesirable or not permitted.









#### 1 Particularly high work temperature

- Large water reservoir (max. 85°C).
- Up to 45°C in continuous operation under full load or 70°C with Servo Control.

# 2 Save time and effort: EASY!Force high-pressure gun and EASY!Lock quick-release couplings.

- Effortless operation at last: the EASY!Force high-pressure gun.
- EASY!Lock quick-release couplings: durable and robust. And five times faster than screws.



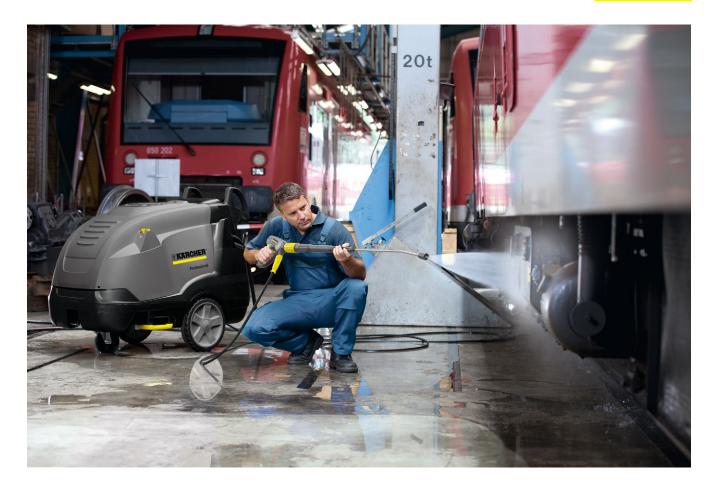
#### 3 Servo control

3

For delivering a significantly higher water temperature to the accessories.

## **TECHNICAL DATA AND EQUIPMENT**

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#### HDS-E 8/16-4 M 24 kW

- Economical eco!efficiency mode
- Tilting aid
  Two cleaning agent tanks with automatic rinsing

Technical data		
Order no.		1.030-904.0
EAN code		4054278169002
Flow rate	l/h	300 - 760
Pressure	bar / MPa	30 - 160 / 3 - 16
Temperature (for supply 12 °C)	°C	45 / 85
Connected load	kW	29.5
Number of simultaneous users		1
Portability		cart
Weight (with accessories)	kg	122.1
Dimensions (L × W × H)	mm	1330 × 750 × 1060
Equipment		
Spray gun		EASY!Force Advanced
High-pressure hose	m	10 / DN 6, 250 bar
Spray lance	mm	1050
Power nozzle		•
Servo control		I
Zero-emissions electric heater		•
Anti-twist system		-
Control panel with display light		•
Pressure switch-off		
2 cleaning agent tanks		1
Included in the scope of supply.		

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		Order no.	Flow rate		Price	Description
Trigger guns						
EASY!Force Advanced	1	4.118-005.0				Effortless, not energy-sapping: the EASY!Force high-pres- sure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.
EASY!Force 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.
EASY!Force conversion kit 2 - from machine	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.
EASY!Force conversion kit 3 - high-pressure gun	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.
Servo control						
Servo Control controller with EASY!Lock	5	4.118-008.0	750 - 1100 l/h			Water quantity and pressure regulated directly from the hand spray gun.
Quick connect						
Quick coupling	6	2.115-000.0				For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.
Male coupling	7	2.115-001.0				Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.

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8 9		10	T	2	-	12		
		Order no.	Max. working pressure	Length			Price	Description
Rotating spray lances Spray lance	1	4.112-000.0	300 bar	1050 mm				1050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
LED nozzle light	2	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	3	4.112-027.0	300 bar	250 mm				Spray lance, 250 mm, rotatable, ergonomic
	4		300 bar	400 mm				Spray lance, 400 mm, rotatable, ergonomic
	5	4.112-007.0	300 bar	600 mm				600 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
	6	4.112-006.0	300 bar	840 mm				850 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
	7	4.112-018.0	300 bar	1550 mm				1550 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
	8	4.112-021.0	300 bar	2050 mm				2050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° □ under pressure.
Spray lance extender	9	4.112-048.0	300 bar	1000 mm				Spray lance extension with EASY!Lock connection. Length 1000 mm.

Spray lance extender			500 501	1000 1111	1000 mm.
Double lance					
Double lance	10	2.112-016.0	310 bar	960 mm	960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use ( e.g. stable cleaning).
Angular spray lance					
Spray lance for toilets and rain gutters	11	4.112-029.0			Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.
Flexible spray lance					
Flexible lance	12	4.112-035.0	210 bar	1050 mm	1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.
High pressure articulated joint	13	4.112-057.0	300 bar		For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.
Telescopic spray lance					
Strap for telescopic spray pipe	14	6.373-987.0			Convenient strap for relief when working with the telescop- ic spray lance (6.394-690). The burden is optimally distrib- uted on the body and longer periods of use are possible.
Gutter cleaner					
Gutter cleaning lance	15	2.112-015.0		960 mm	The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.
Undercarriage spray lance					
Underbody lance	16	4.112-032.0		700 mm	Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.



		Order no.	Max. working pressure	Length		Price	Description
Additional handle							
Additional handle for EASY!Lock spray lances	17	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.



		Order no.	Nozzle size		Price	Description
Power nozzle spray angle 25°						· · · · · ·
Power nozzle	1	2.113-022.0	45			Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.
HP nozzle spray angle 0°						
Power nozzle	2	2.113-033.0	45			High-pressure nozzle with powerful jet for extremely stub- born dirt.
Power nozzle spray angle 15°						
Power nozzle	3	2.113-046.0	45			Fan jet nozzle with 15° spray angle suitable for stubborn dirt. $\hfill \begin{tabular}{ll} \label{eq:stable} \end{tabular}$
Power nozzle spray angle 40°		~			-	·
Power nozzle	4	2.113-053.0	45			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces. $\hfill \Gamma$

 $\blacksquare$  Included in the scope of supply.  $\hfill\square$  Available accessories.



		Order no.	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both side	s							
High-pressure hose	1	6.110-035.0	DN 6	250 bar	10 m		10 m long high-pressure hose (DN 6) equipped with EASY!Lock manual screw fitting on both sides. Suitable up to 250 bar and with ANT!!Twist.	)
	2	6.110-056.0	DN 6	300 bar	10 m		High-pressure hose (DN 6) equipped with ANTI!Twist and the new EASY!Lock manual screw fitting on both sides. For pressures up to 300 bar. 10 m long.	
	3	6.110-031.0	DN 8	315 bar	10 m		High-pressure hose (DN 8) suitable up to 315 bar pressure. With innovative EASY!Lock manual screw fitting on both sides, ANT!Twist and 10 m long.	
	4	6.110-030.0	DN 8	315 bar	15 m		15 m long high-pressure hose, DN 8, with ANTI!Twist and time-saving EASY!Lock manual screw fitting on both sides.	
	5	6.110-032.0	DN 8	315 bar	20 m		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.	
	6	6.110-014.0	DN 8	315 bar	30 m		Comfortable length (30 m) and innovative EASY!Lock manu- al screw fitting: High-pressure hose (DN 8) with ANTI!Twist for pressures up to 315 bar.	
	7	6.110-042.0	DN 10	220 bar	15 m		Equipped with innovative EASY!Lock manual screw fitting and suitable for pressures up to 220 bar: 15 m long high-pressure hose (DN 10).	
	8	6.110-043.0	DN 10	220 bar	20 m		20 m in length and the extremely time-saving and comforta ble EASY!Lock manual screw fitting on both sides are some of the main features of this high-pressure hose (DN 10).	
	9	6.110-044.0	DN 10	220 bar	25 m		Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	
	10	6.110-059.0	DN 12	210 bar	15 m		Designed for working pressures up to 250 bar: High-pres- sure hose (DN 12) with a length of 15 m. Has the comforta- ble EASY!Lock manual screw fitting on both sides.	
	11	6.110-060.0	DN 12	210 bar	40 m		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.	
	12	6.110-041.0	DN 10	220 bar	10 m		Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	

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				Max. working			
		Order no.	ID	pressure	Length	Price	Description
Longlife 400 with unions on both	sides						
High-pressure hose Longlife	13	6.110-024.0	DN 8	400 bar	1.5 m		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.
	14	6.110-069.0	DN 8	400 bar	1.5 m		30 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.
	15	6.110-038.0	DN 8	400 bar	10 m		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.
	16	6.110-023.0	DN 8	400 bar	30 m		Robust high-pressure hose with double steel core, AN- TI!Twist and EASY!Lock manual screw fitting on both sides. Nominal size DN 8, 30 m long, for up to 400 bar pressure.
	17	6.110-027.0	DN 8	400 bar	20 m		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.
	18	6.110-029.0	DN 8	400 bar	15 m		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 union	s on bot	th sides					
High-pressure hose food grade	19	6.110-063.0	DN 6	250 bar	15 m		15 m long high-pressure hose (ID 6), food grade, with AVS hose reel connection, EASY!Lock hand screw connection and grey, non-marking outer covering.
	20	6.110-051.0	DN 8	250 bar	10 m		High-pressure hose (ID 6), 10 m long, with grey, non-mark- ing outer covering. Approved for use in the food industry. With quick and robust EASY!Lock hand screw connection at both ends.
	21	6.110-052.0	DN 8	250 bar	20 m		Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, AN- TI!Twist and EASY!Lock hand screw connections.
Longlife food design with screw of	onnecti	1			1		
High-pressure hose food grade Longlife	22	6.110-053.0	DN 8	400 bar	10 m		With blue, non-marking and animal fat resistant outer cov- ering: durable high-pressure hose (ID 8), 10 m long, AN- TI!Twist and EASY!Lock hand screw connection at both ends.
	23	6.110-054.0	DN 8	400 bar	20 m		Durable high-pressure hose with double steel reinforcement and blue, non-marking and animal fat resistant outer cover- ing. 20 m long with EASY!Lock hand screw connections.
Special hoses							
High-pressure hose curved	24	6.110-068.0	DN 8	400 bar	1.5 m		For connection to hose reels: high-pressure hose, with M 22 × 1.5 connection and curved EASY!Lock hand screw connec- tion. 1.5 m long, suitable for up to 400 bar working pres- sure.



		Order no.	Max. working pressure	Nozzle size		Price	Description	
Dirt blaster, large								
Dirt blaster	1	4.114-042.0	300 bar	45			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.	

 $\blacksquare$  Included in the scope of supply.  $\hfill\square$  Available accessories.

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9				12	13		9	14	15
		Order no.				Price	Descript	tion	
Nozzle union									
Nozzle screws	1	4.112-011.0					Nozzle s nozzles	crews with protectors for	high-pressure and power
Cleaning agent injector									
Cleaning agent injector for high and low pressure (without nozzles)	2	4.637-032.0						nt injector for independer Maximum dosage about 1	
Cleaning agent injector for high pressure (without nozzle)	3	4.637-033.0					Cleaning	agent dosage at high pre	ssure 3 - 5 %
Machine-specific nozzle kit with ord	ler no	. 4.637-033.0							
Nozzle kit 750-1000 l/h	4	4.769-011.0						HDS 750 - 1000 l/h. Cons ozzle + union	ists of nozzle insert + HP
Nozzle insert with order no. 4.637-0	32.0								
Nozzle insert up to 1,100 l/h - high pressure	5	4.769-003.0					high-pre	nsert for detergent injectors ssure detergent application with a water flow rate up	on. For high-pressure
Nozzle insert up to 1,100 l/h - low pressure	6	4.769-001.0					For low	pressure with machines u	p to 1.100 l/h
Rotary coupling									
Rotary coupling	7	4.111-021.0						prevents twisting of HP I andle protection	noses. Connection M 22 x
Connector									
Screw socket for surface cleaners and Servo Control controllers	8	4.111-022.0						rigger gun (with nozzle so	es and accessory parts to crews) - 1 x M 22 x 1.5/1 >

EASY!Lock adapter Adapter 1 M22AG-TR22AG 4.111-029.0 Adapter 1 to connect the old hose with the new hose 11 Adapter 2 M22IG-TR22AG 4.111-030.0 Adapter 2 to connect the old device with the new hose and 12 the old gun with the new hose Adapter 3 M22IG-TR22AG 13 4.111-031.0 Adapter 3 to connect the old gun with the new spray lance and new servo regulator Adapter 4 TR22IG-D11 14 4.111-032.0 Adapter 4 to connect the new gun with the old swivel hose Adapter 5 TR22IG-M22AG 4.111-033.0 Adapter 5 to connect the new gun with the old spray lance 15 and new servo regulator with the old spray lance Adapter 6 TR22IG-M22AG 16 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 17 4.111-035.0 Adapter 7 to connect the old spray lance with the new nozzle Adapter 8 TR20IG-M18AG 18 4.111-036.0 Adapter 8 to connect the new spray lance with the old nozzle Adapter hose extension 9 TR 19 4.111-037.0 Adapter 9 to connect the new hose with the new hose

■ Included in the scope of supply. □ Available accessories.

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4.111-046.0

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4.111-024.0

4.111-038.0

Y distributor

Short spray unit

Adapter 12 rotary coupling

EASY!Lock 22 IG - M22 x 1.8 AG

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M 18 x 1.5

triple nozzles

Offers the option to connect two spray units to the machine.

For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with

Rotatable adapter for connecting EASY!Force high-pressure

gun and high-pressure hoses with M 22x1.5 connection

Installation on the high pressure outlet.

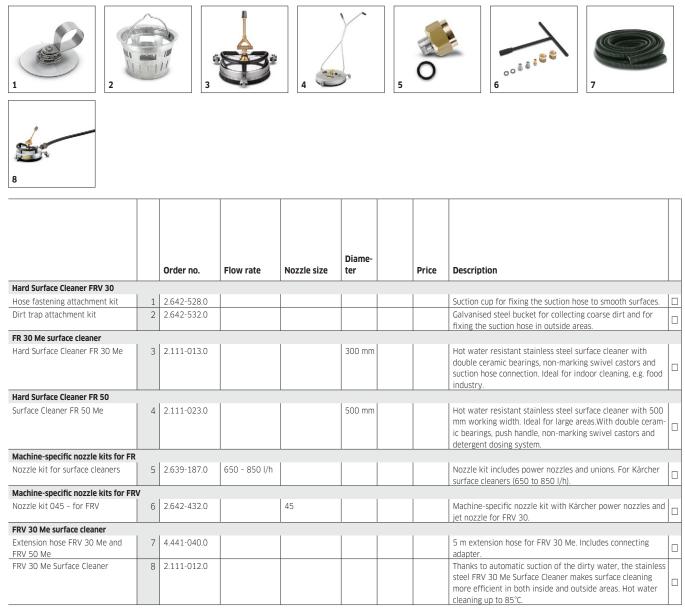
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		Order no.	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6								
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	1	6.110-046.0	250 bar				The 10 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	r 🗆
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	2	6.110-008.0	250 bar				The 20 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	r 🗆
Pipe cleaning hose, ID 6, 30 m, max. 250 bar	3	6.110-047.0	250 bar				The 30 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	r 🗆
Pipe cleaning nozzle								
Pipe cleaning dirt blaster D21/060	4	4.765-002.0		60	21 mm		The forward-tilted rotating pencil jet removes the most	
Pipe cleaning dirt blaster D30/060	5	4.765-005.0		60	30 mm		stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient han- dling.	
Pipe cleaning nozzle	6	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet	t 🗆
	7	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	8	5.763-017.0		50	30 mm		Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R $1/8"$ connection, 3 x 30° backwards, diameter 30 mm.)	
Rotating pipe cleaning nozzle	9	6.415-428.0		50	16 mm		Pipe cleaning nozzle with four rotating jets and inner thread. Different spray directions. The hose moves freely through the pipe. With R 1/8" connection.	
Drum and tank cleaning								
Add-on kit mud sucker	10	2.641-798.0					For connection to the high-pressure hose of Kårcher high-pressure cleaners: Powerful sludge suction cleaner for the retrofitting of high-pressure cleaners to dirt pumps.	
Barrel and tank cleaning								
Barrel cleaner BC 14/12	11	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.	

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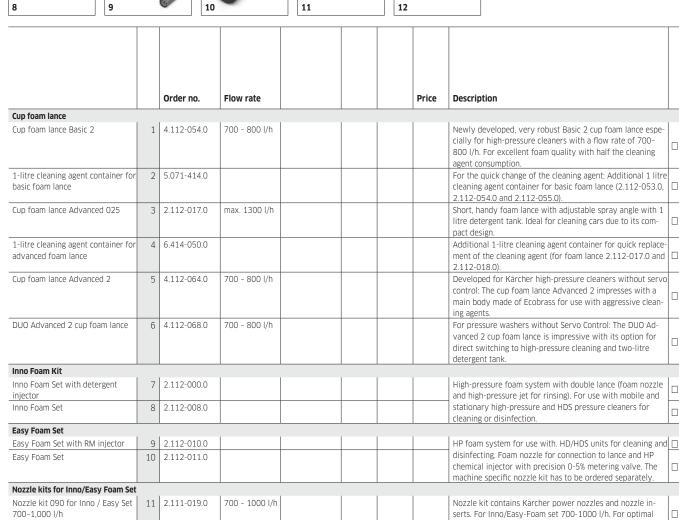
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foam system performance.

tion times are necessary.

Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long applica-





■ Included in the scope of supply. Available accessories.

12 2.112-013.0

Foam nozzle mounting kit Foam nozzle attachment kit Г

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■ Included in the scope of supply. □ Available accessories.

2.639-931.0

2.110-020.0

10 2641-8670

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Powder-coated swivel holder

Stainless steel swivel holder

ABS holder, automatic hose drum

HDS M/S

HDS M/S

Automatic, self-winding hose reel attachment kit Attachment kit automatic hose reel 11 2.110-011.0

HDS-E 8/16-4 M 24 kW, 1.030-904.0, 2021-12-12

m, 400 bar, 1x hose reel connection attachment kit).

Rotatable 120°. Galvanised steel

high-pressure hose.

classes

possible when working with the HP hose.

Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose.

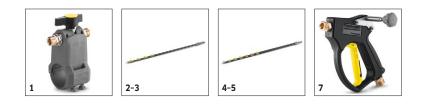
Swivelling wall bracket made of high-grade steel (for 2.641-866). This makes maximum flexibility and convenience

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

Holder includes connection material for installing an auto-

matic hose reel to machines in the HDS Middle and Super



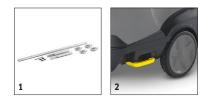
		Order no.	Flow rate	Inlet tempera- ture	Length	Length	Price	Description
Teleskopstangen								
TL low pressure adapter	1	4.580-097.0		max. 40 °C				TL low-pressure adapter comprising ball valve for tool-free installation on telescopic lances. Ideal for applications with rotating high-pressure brushes.
Telescopic lance TL 7 F	2	4.762-609.0		max. 60 °C				Telescopic lance TL 7 F with up to 7 m reach made from robust and lightweight glass fibre. With practical quick-re- lease fasteners for simple retraction and extension.
Telescopic lance TL 7 H	3	4.762-610.0		max. 60 °C				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.
Telescopic lance TL 10 H	4	4.762-611.0		max. 60 °C				Up to 10 m reach: hybrid telescopic lance TL 10 H. Compris- ing carbon-glass fibre mix and suitable for multifunctional use. Simple retraction and extension thanks to quick-release fasteners.
Telescopic lance TL 10 C	5	4.762-612.0		max. 60 °C				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	6	4.762-613.0		max. 60 °C				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	7	4.775-154.0		max. 60 °C				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 individu- als.



		Order no.	Flow rate	Inlet tempera- ture	Length	Length	Price	Description
Schläuche								
iSolar HP hose 7	1	6.392-978.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.
iSolar HP hose 10	2	6.392-977.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.
iSolar HP hose 14	3	6.392-976.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.



		Order no.	Nozzle size		Price	Description	
Wet blasting attachment (without n	ozzle)						
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0				Paint, rust and scale removal made easy: Kärcher wet blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet.	
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0				Paint, rust and scale removal made easy: Kårcher wet blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet. Without flow control.	
Nozzle kits for wet jet unit							
Nozzle kit for wet jet unit 045	3	2.112-022.0	45			Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment per- formance. Only in combination with wet blasting attachment 4.115-000.0   4.115-006.0.	
Boron carbide nozzle							
Boron carbide nozzle, for ma- chines up to 1,000 l/h		6.415-084.0	6 mm			In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	



		Order no.			Price	Description	
Attachment kit for transport							
Crane loading attachment kit for HDS Middle and Super Class	1	2.642-424.0				Effortless loading by crane.	
Transport eyelet attachment kit	2	2.644-053.0				Robust transport eyelet attachment kit for the secure fixing of HDS Medium and Super Class pressure washers during transport.	

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		Order no.			Price	Description	
Geka coupling		order no.			FILE	Description	
Geka connector with hose barb, R 1/2"	1	6.388-461.0				with hose liner	
Geka connector with hose barb, R 3/4"	2	6.388-455.0					
Geka connector with internal thread, R 1"	3	6.388-458.0				with female thread	
Suction filter							
Water suction filter	4	6.414-956.0				Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, $800 \ \mu m$ mesh, R 3/4" and R 1" connection, without non-return valve	
Suction filter with check valve	5	4.730-012.0				Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Water fine filter							
Universal water fine filter, 25 µm	6	2.637-020.0				Water fine filter, mesh size 25 $\mu$ m, 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.	
Water fine filter, with adapter	7	4.730-102.0				Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles con- tained in the water. Water flow rate up to 1200 l/h. Connec- tion 3/4", with adapter, 1".	
Water supply hose							
Water supply hose	8	4.440-038.0				NW 13 R1" / R 3/4", up to 30 °C	
Backflow check valve							
Backflow preventer	9	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	
Other HP Accessories							
Jet gun	10	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.	
Connector CEE 63A	11	6.646-559.0					
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		Order no.	Flow rate		Price	Description
Push-on washing brush						
Push-on wash brush	1	4.113-001.0				For general-purpose cleaning of all surfaces. Clamps directly onto the spray lance. Connection M $18 \times 1.5$
Rotating washing brush						
Rotating wash brush for < 800 l/h machines, nylon bristles	2	4.113-004.0	500 - 800 l/h			The rotating wash brush gently removes fine dust and traf- fic film from all surfaces. Temperature resistant up to $60^{\circ}$ C. (M 18 x 1.5, replaceable brush insert).
Rotating wash brush for < 800 l/h machines, natural bristles	3	4.113-003.0	500 - 800 l/h			Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert).