



HDS 8/17 -4M

Our new medium and super class hot water high-pressure cleaners not only do a first-class job of cleaning, they are also extremely rugged and simple to operate. The new ECO mode, unique to KÄRCHER, makes them truly unbeatable. When the machine is set to this mode it operates automatically in the most economical temperature range. This not only saves running costs, it is also good for the environment.



1 Efficiency

- In ecoefficiency mode, the machine operates at the most efficient-temperature range (60 °C) - even at the maximum water flow.
- The burner cycles are optimised to reduce fuel consumption by 20 percent compared to full load operation.

2 Operational safety

- The large, integrated water fine filter provides reliable protection against small dirt particles for the high-pressure pump.
- The built-in exhaust gas thermostat deactivates the drive motor when the emission temperature exceeds 300°C.

3 Storage

- Storage hooks for power cord and high-pressure hose.

4 Mobility concept

- Jogger principle with large rubber tyre wheels and steering roller.
- Sturdy transport eyelets ensure safe transport.



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- Economical ecoefficiency mode
- Axial pump with turbo blower
- Three-phase motor: air-cooled

Technical data

Order no.	1.077-608.0	
EAN code	4039784834637	
Current type	Ph / V / Hz	3 / 420 / 50
Flow rate	l/h	400-800
Pressure	bar / MPa	30-170 / 3-17
Max. temperature	°C	80 / 155
Connected load	kW	5.5
Heating oil consumption, full load	kg/h	5.3
Fuel tank	l	25
Weight	kg	155
Dimensions (L × W × H)	mm	1330 × 750 × 1060

Equipment

Spray gun	Easy Press trigger gun	Three-piston axial pump	with ceramic piston
Spray gun with soft grip	■	Pressure switch-off	■
High-pressure Hose	m 10 / Longlife	Pole reversing plug (3-phase)	■
Spray lance	mm 1050	Electronic service control	■
Power nozzle	■	Electronic service control with LED display	■
Steam nozzle	■	Two detergent tanks	■
Servo control	■	Dry-run protection	■
ANTI!Twist	-	Stainless steel heating coil	■
Anti-twist system	■		
Cleaning agent, calcification protection and fuel tanks can be filled from outside	■		
Control bar with display light	■		
■			

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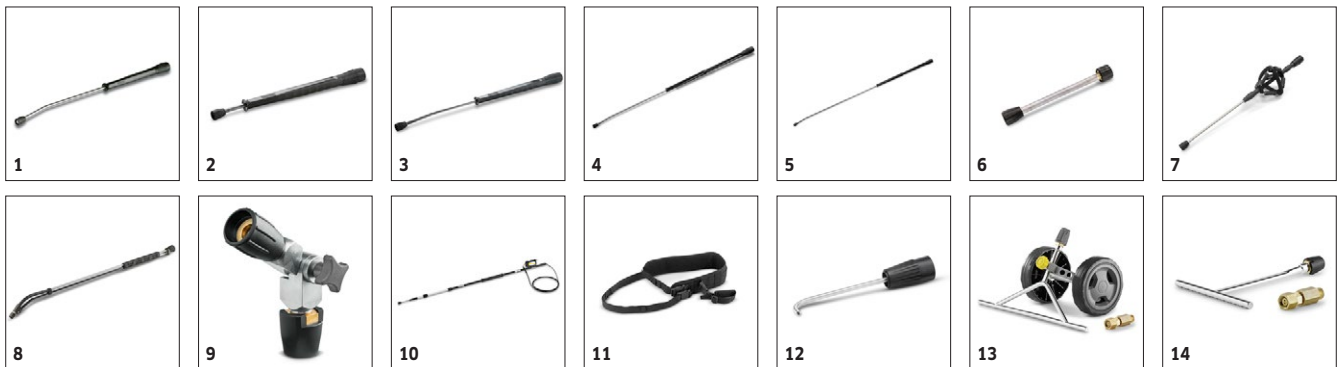
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		Order no.	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose, 10 m, ID 8, 315 bar, extension piece	1	6.391-342.0	ID 8	315 bar	10 m			▲
High-pressure hose, 30 m, ID 8, including rotary coupling	2	6.390-293.0	ID 8	315 bar	30 m			▲
Longlife 400 with unions on both sides								
Longlife 400 high-pressure hose, 10 m, DN 8, extension piece	3	6.391-354.0	ID 8	400 bar	10 m			▲
High-pressure hose Longlife 400, 15 m, ID 8, including rotary coupling	4	6.389-709.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose Longlife 400, 30 m, ID 8, including rotary coupling	5	6.390-294.0	ID 8	400 bar	30 m			▲
High-pressure hose 1.5 m, ID 8, including connectors	6	6.390-178.0	ID 8	400 bar	1.5 m		1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).	□
Longlife food design with screw connections at both ends								
High pressure hose food ID 8, 10 m	7	6.391-864.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1,5	▲
High-pressure hose food industry 400 bar, 20 m, ID 8, including rotary coupling	8	6.391-887.0	ID 8	400 bar	20 m			▲
Longlife 400								
Longlife 400 high-pressure hose, 10 m, DN 8,	9	6.391-351.0	ID 8	400 bar	10 m			□
Longlife food design								
High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection	10	6.391-885.0	ID 8	400 bar	10 m		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)	□
High-pressure hose Longlife 400, 20 m, ID 8, AVS trigger gun connection	11	6.391-886.0	ID 8	400 bar	20 m			□
Special hoses								
High-pressure hose 1.5 m, ID 8, including connectors, outlet bend	12	6.388-886.0	ID 8	400 bar	1.5 m			□

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		Order no.	Max. working pressure	Length		Price	Description	
Rotating spray lance								
1050 mm spray pipe, rotatable	1	4.760-660.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
600 mm spray pipe, rotatable	2	4.760-664.0	300 bar	600 mm			600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
850 mm spray pipe, rotatable	3	4.760-663.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
1550 mm spray pipe, rotatable	4	4.760-661.0	300 bar	1550 mm			1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
2050 mm spray pipe, rotatable	5	4.760-662.0	300 bar	2050 mm			2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Spray lance								
250 mm lance, non-rotatable	6	4.760-667.0		250 mm			250 mm stainless steel lance. With manual coupling. Non-rotatable.	□
Vibrasoft lance	7	6.415-951.0	250 bar	950 mm			The spring-loaded 360° loop handle significantly reduces the vibrations on the spray lance, reducing the physical burden on the user, e.g. when working with the dirt blaster.	□
Flexible spray lance								
Flexible lance 1050 mm	8	6.394-654.0	210 bar	1050 mm			1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	□
Articulated joint M18x1,5	9	4.481-039.0	300 bar					□
Telescopic spray lance								
Telescopic spray pipe	10	6.394-690.0	225 bar	5400 mm				□
Strap for telescopic spray pipe	11	6.373-987.0					Convenient strap for relief when working with the telescopic spray lance (6.394-690). The burden is optimally distributed on the body and longer periods of use are possible.	□
Gutter cleaner								
Gutter cleaning lance	12	2.642-305.0					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.	□
Weed control								
WR 50	13	2.643-758.0						□
WR 20	14	2.643-760.0						□

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		Order no.	Flow rate				Price	Description	
Trigger guns									
High-end HP trigger gun	1	4.775-823.0							<input type="checkbox"/>
Quick connect									
Quick coupling	2	6.401-458.0						For quick change of different spray lances and accessories. Optimum adaption to Kärcher accessories, especially for connection between trigger gun and spray lance. With M22 x 1,5 female.	<input type="checkbox"/>
Male coupling	3	6.401-459.0						Hardened stainless steel nipple for quick coupling 6.401-458. With M22 x 1,5 male.	<input type="checkbox"/>

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		Order no.	Nozzle size				Price	Description	
Power nozzle spray angle 25°									
25° power nozzle for applying cleaning agent	1	2.884-521.0	250						<input type="checkbox"/>

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		Order no.	Max. working pressure	Nozzle size	Diameter	Price	Description	
Pipe cleaning nozzle								
Dirt blaster pipe cleaning D21/060	1	4.765-002.0		60	21 mm			<input type="checkbox"/>
Dirt blaster pipe cleaning D30/060	2	4.765-005.0		60	30 mm			<input type="checkbox"/>
Pipe cleaning nozzle 080	3	5.763-087.0		80	24 mm		Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	<input type="checkbox"/>
Pipe cleaning nozzle	4	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
	5	5.763-016.0		60	16 mm			<input type="checkbox"/>
	6	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.)	<input type="checkbox"/>
Pipe cleaning dirt blaster D 25 / 060	7	6.415-945.0		60	25 mm		The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.	<input type="checkbox"/>
Pipe cleaning dirt blaster D 30 / 060	8	6.415-947.0		60	30 mm			<input type="checkbox"/>
Pipe cleaning dirt blaster D 35 / 060	9	6.415-949.0		60	35 mm			<input type="checkbox"/>

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		Order no.	Flow rate	Nozzle size	Diame-ter	Price	Description	
Hard Surface Cleaner FRV 30								
FRV 30 surface cleaner	1	2.642-999.0						<input type="checkbox"/>
Rubber lip for FRV 30	2	2.642-910.0					For smooth floors indoors. The squeegee increases the suction performance of the FRV 30 and minimises the amount of water remaining. This means the floor is dry in just a few minutes.	<input type="checkbox"/>
Machine-specific nozzle kits for FRV								
Nozzle kit 050 - for FRV 30	3	2.642-433.0		50				<input type="checkbox"/>
FRV 30 Me surface cleaner								
FRV 30 Me	4	2.642-911.0						<input type="checkbox"/>
FRV 30 Me extension hose	5	4.441-040.0						<input type="checkbox"/>
Surface Cleaner FR 50 Me								
	6	2.643-598.0						<input type="checkbox"/>

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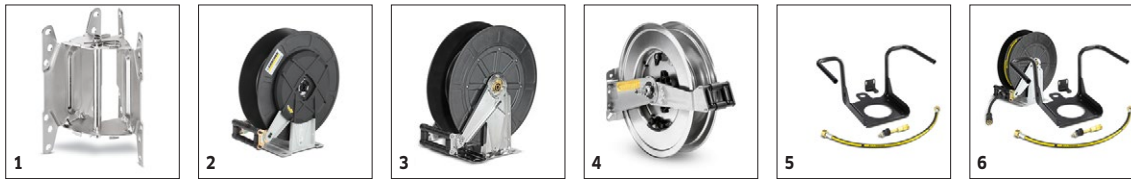


		Order no.	Flow rate				Price	Description	
Cup foam lance									
Cup foam lance	1	6.394-668.0	1200 l/h					Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	<input type="checkbox"/>
1-litre cleaning agent container for foam lance	2	6.414-954.0							<input type="checkbox"/>

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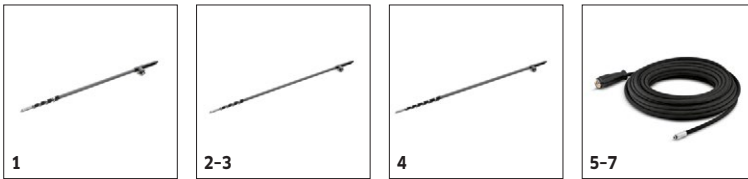


		Order no.	Length					Price	Description	
Automatic, self-winding hose reels										
ABS pivoting stainless steel wall bracket	1	2.641-867.0							Swivelling wall bracket made of high-grade steel (for 2.641-866). This makes maximum flexibility and convenience possible when working with the HP hose.	<input type="checkbox"/>
Automatic hose reel, powder-coated steel / plastic	2	6.392-975.0	20 m						Automatic hose reel for 20 m high-pressure hose. The console is made from powder-coated steel, the drum is made from plastic.	<input type="checkbox"/>
Automatic stainless steel / synthetic material hose drum	3	6.392-965.0	20 m						Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.	<input type="checkbox"/>
ABS automatic stainless steel hose drum	4	2.641-866.0	20 m						High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrosion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	<input type="checkbox"/>
Anbausatz Schlauchtrommel automatik										
ABS holder, automatic hose drum HDS M/S	5	2.643-040.0								<input type="checkbox"/>
ABS automatic hose drum HDS M/S	6	2.642-957.0							Automatic hose reel as a complete attachment kit that's easy to mount. Suitable for HDS medium and super class. For maximum convenience when winding and unwinding the high-pressure hose.	<input type="checkbox"/>

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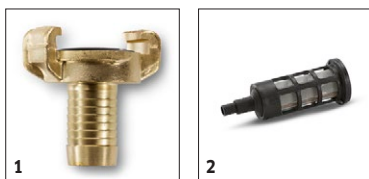


		Order no.	Flow rate	Feed temperature	Length	Length	Price	Description	
Solar cleaning - telescopic lances									
iSolar TL 7 H (without hose)	1	4.107-054.0		max. 60 °C				Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 7.2 m max. reach and practical quick-release couplings for easy extension and retraction.	<input type="checkbox"/>
iSolar TL 10 H (without hose)	2	4.107-053.0		max. 60 °C				Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 10 m max. reach and practical quick-release couplings for easy extension and retraction.	<input type="checkbox"/>
iSolar TL 10 C (without hose)	3	4.107-055.0		max. 60 °C					<input type="checkbox"/>
iSolar TL 14 C (without hose)	4	4.107-052.0		max. 60 °C				Full carbon telescopic rod for maximum rigidity with minimal weight. With 14 m max. reach and practical quick-release couplings for easy extension and retraction.	<input type="checkbox"/>
iSolar HP hose 7	5	6.392-978.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	<input type="checkbox"/>
iSolar HP hose 10	6	6.392-977.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	<input type="checkbox"/>
iSolar HP hose 14	7	6.392-976.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	<input type="checkbox"/>

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		Order no.	Length	Diameter			Price	Description	
Geka coupling									
	1	6.388-465.0						Geka connector with hose barb, R 1"	<input type="checkbox"/>
Suction filter									
	2	6.414-956.0						Water suction filter	<input type="checkbox"/>

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