



KÄRCHER

HDS 8/17-4M

Three-phase entry-level machine in the middle class: the HDS 8/17-4 M hot water high-pressure cleaner with 4-pole, water-cooled electric motor offers impressive features like the eco!efficiency mode.



1 Economical

- In the Eco mode, the unit operates in the most economical temperature range (60°C) with full water flow.
- Burner cycles are optimised to reduce fuel consumption by up to 20% compared to full-load operation.

2 Operational reliability

- The large, integrated fine-mesh water filter reliably protects the high-pressure pump against the ingress of dirt particles.
- An integrated exhaust gas thermostat switches off the drive motor if the exhaust gas temperature exceeds 300°C.

3 Storage

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

4 Mobility concept

- "Jogger" design with large rubber-tyred wheels and swivel castors.
- Sturdy lashing points for safe transport.



HDS 8/17-4M

■ Economical ecoefficiency mode

Technical data

Order No.	1.077-608.0	
EAN code	4039784834637	
Type of current	Ph / V / Hz	3 / 420 / 50
Flow rate	l/h	400-800
Pressure	bar / MPa	30-170 / 3-17
Max. temperature	°C	80 / 155
Power rating	kW	5,5
Fuel oil consumption, full load	kg/h	5,3
Fuel tank	l	25
Weight	kg	155
Dimensions (L x W x H)	mm	1330 x 750 x 1060

Equipment

Trigger gun	Easy-press trigger gun	Pole reversing plug (3-phase)	■
Trigger gun with Softgrip insert	■	Electronic service control	■
High-pressure hose	m 10 / Longlife	Electronic service control with LED display	■
Spray lance	mm 1050	Two detergent tanks	■
Power nozzle	■	Dry-running protection	■
Servo Control	-		
Anti-twist system	■		
Cleaning agent, scale inhibitor and fuel tanks can be filled from outside	■		
Control panel with LED display	■		
Three-piston axial pump	with ceramic piston		
Pressure cut-off	■		

■ Included in delivery.

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		Order No.	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose packaged	1	6.391-342.0	ID 8	315 bar	10 m			▲
High-pressure hose, 30 m DN 8, including rotary coupling	2	6.390-293.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	▲
Longlife 400 with unions on both sides								
High-pressure hose packaged	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 industry version with unions on both sides								
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. Außen-decke## 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								
High-pressure hose packaged	9	6.391-351.0	ID 8	400 bar	10 m			□
Longlife food industry version								
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. Außen-decke## 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			□

■ Included in delivery. □ Available accessories. ▲ Extension hose.

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		Order No.	Max. working pressure	Length		Price	Description	
Rotating spray lances								
1050 mm lance, rotatable, ergonomic	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.	■
Rotatable lance, 600 mm, ergonomic	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.	□
Lance 850 mm, rotatable, ergonomic	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.	□
Lance 1550 mm, rotatable, ergonomic	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.	□
Lance 2050 mm, rotatable, ergonomic	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 lances								
Anti-vibration lance	6	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.	□
Spray lance								
Lance 250 mm, non-rotatable	7	4.760-667.0		250 mm			250 mm stainless steel lance. With manual coupling. Non-rotatable.	□
Double lance								
Double lance 960 mm	8	6.394-665.0	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).	□
Flexible spray lance								
Flexible lance 1050 mm	9	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.	□
Telescopic spray lance								
Telescopic jet pipe	10	6.394-690.0	225 bar					□
Restraint belt for telescopic jet 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						□

■ Included in delivery. □ Available accessories. ▲ Extension hose.

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		Order No.					Price	Description	
Crane lifting kit									
Crane loading kit for HDS middle and super class	1	2.642-424.0						Effortless loading by crane.	<input type="checkbox"/>
Y distributor									
Y distributor	2	4.405-048.0							<input type="checkbox"/>
Accumulator kits									
Add-on accumulator for HDS M/S	3	2.641-803.0						The accumulator can be mounted on the HDS machine in order to dampen pressure surges, which conserves the machine's line system.	<input type="checkbox"/>

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		Order No.	Flow rate	Nozzle size	Diame-ter	Price	Description	
Hard Surface Cleaner FRV 30								
FRV 30	1	2.642-999.0						<input type="checkbox"/>
Add-on kit rubber lip	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"/>
Suction hose FRV 30 me	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	
Trigger guns									
High end high-pressure 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"/>
Plug nipple	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°									
	1	2.884-521.0	250						<input type="checkbox"/>

Included in delivery.
 Available accessories.
 Extension hose.

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		Order No.					Price	Description	
Coupling parts									
	1	6.987-705.0							<input type="checkbox"/>
Rotary coupling									
Rotary coupling	2	4.401-091.0						Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.	<input type="checkbox"/>
Adapter									
Adapter M22 - Swivel	3	4.424-004.0						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.	<input type="checkbox"/>
Adapter EASY!Lock									
Adapter 1 M22AG-TR22AG	4	4.111-029.0							<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	5	4.111-030.0							<input type="checkbox"/>
Adapter 3 M22IG-TR22AG	6	4.111-031.0							<input type="checkbox"/>
Adapter M22 - Swivel	7	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.	<input type="checkbox"/>
Adapter 5 TR22IG-M22AG	8	4.111-033.0							<input type="checkbox"/>
Adapter 6 TR22IG-M22AG	9	4.111-034.0							<input type="checkbox"/>
Adapter 7 M18IG-TR20AG	10	4.111-035.0							<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	11	4.111-036.0							<input type="checkbox"/>
Flue pipe									
Flue gas adapter	12	4.656-149.0						Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).	<input type="checkbox"/>
	13	4.656-080.0							<input type="checkbox"/>

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		Order No.	Max. working pressure	Nozzle size	Diameter		Price	Description
Pipe cleaning nozzle								
Drain cleaning dirt blaster D 25/060	1	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.
Drain cleaning dirt blaster D 30/060	2	6.415-947.0		60	30 mm			
Drain cleaning dirt blaster D 35/060	3	6.415-949.0		60	35 mm			
Nozzle pipe cleaning size 80	4	5.763-087.0		80	25 mm			Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.
Pipe cleaning nozzle	5	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.
	6	5.763-016.0		60	16 mm			
	7	5.763-017.0		50	30 mm			
								30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.

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		Order No.	Flow rate				Price	Description	
Cup foam lance									
Tank 1L	1	6.414-954.0							<input type="checkbox"/>
Cup foam lance	2	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"/>

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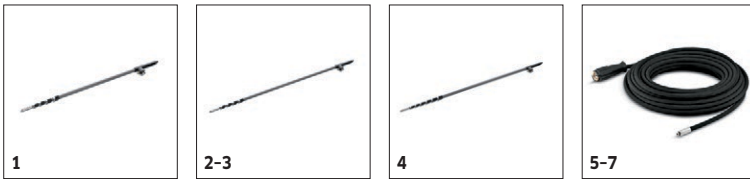
		Order No.	Length				Price	Description	
Automatic, self-winding hose reels									
Add-on kit holder for automatic hose reel HDS-M	1	2.643-040.0							<input type="checkbox"/>
ABS wall fastening stainless steel	2	2.641-867.0						Swivelling wall bracket made of high-grade steel (for 2.641-866). This makes maximum flexibility and convenience possible when working with the HP hose.	<input type="checkbox"/>
Add-on kit hose reel plastics	3	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"/>
Add-on kit hose reel	4	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 hose reel stainless steel	5	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"/>
Add-on kit hose reel HDS M/S	6	2.642-957.0	20 m					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"/>
Telescopic rod complete 10m	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"/>
Telescopic rod complete 10m CFK	3	4.107-055.0		max. 60 °C					<input type="checkbox"/>
Telescopic rod complete 14m	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"/>
Hose solar	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"/>
	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"/>
	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"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.

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		Order No.	Length	Diameter		Price	Description	
Geka coupling								
With hose nozzle, R 1"	1	6.388-465.0						<input type="checkbox"/>
Suction filter								
Water filter	2	6.414-956.0						<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.



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