



HDS 5/11 U

Entry-level, highly portable hot water pressure cleaner

















- 1 Innovative upright design
- Effortless transport over landings or stairs.
- Large wheels for unpaved surfaces.
- 2 Fine-mesh water filter
- Efficiently protects high-pressure pump against contamination.
- Easy to remove from outside.

- 3 Compact design
- Space-saving storage and transport.
- lacksquare Spill-proof pump and fuel tank for transport lying down.
- 4 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.

TECHNICAL DATA AND EQUIPMENT.





HDS 5/11 U

- Professional entry-level model for mobile applications
- Innovative, space-saving upright design
- Flue gas temperature monitor

Technical data		
Order Number		1.064-902.0
EAN code		4054278139777
Current type	Ph / V / Hz	1 / 230-240 / 50
Flow rate	l/h	450
Pressure	bar / MPa	110-110 / 11-11
Max. temperature	°C	max. 80
Power rating	kW	2,2
Consumption fuel oil	kg/h	2,4
Fuel tank	1	6,5
Weight	kg	68
Dimensions (L x W x H)	mm	620 × 620 × 995

Equipment		
Trigger gun		EASY!Force Advanced
High-pressure hose	m	10
Spray lance	mm	840
Anti-twist system (AVS)		-
Pressure switch control		Ĭ
Servo Control		

■ Included in delivery.





























		Order Number	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both side:	S							
High-pressure hose, 10 m DN 8, AVS trigger gun connector	1	6.110-031.0	ID 8	315 bar	10 m		10 m high-pressure hose (M 22 x 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, 15 m DN 8, AVS trigger gun connector	2	6.110-030.0	ID 8	315 bar	15 m		15 m high-pressure hose (M 22 x 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, AVS trigger gun connector	3	6.110-032.0	ID 8	315 bar	20 m		20 m high-pressure hose (M 22 x 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, including rotary coupling	4	6.110-014.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	A
High-pressure hose, 15 m DN 10, 220 bar, extension	5	6.110-042.0	ID 10	220 bar	15 m		15 m high-pressure hose M 22 x 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, extension	6	6.110-043.0	ID 10	220 bar	20 m		with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar	A
High-pressure hose, 25 m DN 10, extension, not rotatable	7	6.110-044.0	ID 10	220 bar	25 m			A
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m			A
Hose assembly premium DN12 21MPa 15m	9	6.110-059.0	ID 12	250 bar	15 m		High-pressure hose for water volumes greater than 1,800 l h. With union on both sides. 2x M 22 x 1.5 with anti-kink	/
Hose assembly premium DN12 21MPa 40m	10	6.110-060.0	ID 12	250 bar	40 m		protection.	A
High-pressure hose, 10 m DN 6,	11	6.110-034.0	ID 6	250 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector	12	6.110-035.0	ID 6	250 bar	10 m		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, AVS trigger gun connec- tion	13	6.110-056.0	ID 6	300 bar	10 m		With patented AVS connection in the trigger gun (pivot-mounted) and hand screw union. M 22 x 1.5 with anti-kink protection. NW 6/155°C/300 bar	
Longlife 400 with unions on both s	ides							
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup- ling	14	6.110-023.0	ID 8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	•
High-pressure hose Longlife 400, 20 m, DN 8, extension	15	6.110-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5	A
High-pressure hose Longlife 400, 15 m, DN 8, including rotary coup- ling	16	6.110-029.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	•
	_	6.110-069.0	ID 8	400 bar	1,5 m			
Food industry version with unions High-pressure hose, 10 m ID 8, suitable for food industry, extensi- on piece	18	6.110-051.0	ID 8	250 bar	10 m		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 x 1.5 with anti-kink sleeve.	A
High-pressure hose, 20 m ID 8, suitable for food industry, extensi- on piece	19	6.110-052.0	ID 8	250 bar	20 m		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 x 1.5, with kink protection. NW 8/155°C/250 bar.	•

[■] Included in delivery.

Available accessories.

Extension hose.









		Order Number	Flow rate		Price	Description	
Trigger guns							
Extended easy press trigger gun	1	4.118-005.0				Extended easy press high-pressure trigger gun for high- pressure hoses with rotating connector.	
Quick connect							
Quick-fitting pipe union coupler trapezo	2	2.115-000.0					
Quick-fitting pipe union plug nipp- le tra	3	2.115-001.0					

[■] Included in delivery.

Available accessories.

Extension hose.







		Order Number	Max. working pressure	Nozzle size		Price	Description	
Triple nozzles								
Triple jet nozzle 032	1	4.117-027.0	300 bar	32				
Dirt blaster, large								
Dirt blaster - without changeover function	2	4.114-040.0	300 bar	35			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.	

[■] Included in delivery.

Available accessories.

Extension hose.

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			Max. working					
		Order Number	pressure	Length		Price	Description	
Rotating spray lances		'						
Lance 850 mm, rotatable, ergonomic	1	4.112-006.0	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 250 mm, non-rotatable	2	4.112-027.0	300 bar	250 mm				
550 mm lance, non-rotatable	3	4.112-024.0	300 bar	400 mm				
Rotatable lance, 600 mm, ergonomic	4	4.112-007.0	300 bar	600 mm			600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
1050 mm lance, rotatable, ergonomic	5	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.	
Lance 1550 mm, rotatable, ergonomic	6	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.	
Lance 2050 mm, rotatable, ergonomic	7	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.	
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).	
Angular spray lance				1	ı			
WC and gutter lance	9	4.112-029.0					Stainless steel lance WC and gutter with nozzle insert. Spe- cially shaped for effective and hygienic cleaning of gutters and toilets.	
Flexible spray lance			1	1	ı			
Flexible lance 1050 mm	10	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.	
Telescopic spray lance		l	l	1	ı		I	
Telescopic jet pipe	11		225 bar	5400 mm			Convenient street for relief when working with the telegra	
Restraint belt for telescopic jet pipe	12	6.373-987.0					Convenient strap for relief when working with the telesco- pic spray lance (6.394-690). The burden is optimally distri- buted on the body and longer periods of use are possible.	
Gutter cleaner								
Gutter cleaning lance	13	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	14	4.112-032.0		700 mm			Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	
Additional handle		1	I	I	I			
	15	4.321-380.0						

[■] Included in delivery.

Available accessories.

Extension hose.





		Order Number			Price	Description	
Y distributor							
Y distributor	1	4.111-024.0					

















		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description
Hard Surface Cleaner FRV 30							
Add-on kit hose attachment	1	2.642-528.0					
Add-on kit dirt trap	2	2.642-532.0					
Hard surface cleaner FR 30 ME							
FR 30 ME surface cleaner	3	2.111-013.0			300 mm		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.
Machine-specific nozzle kit for FR							
Nozzle kit for surface cleaners (type-specific) 450 - 500 l/h	4	2.640-482.0	450-500 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (450 to 500 l/h).
Machine-specific nozzle kits for FF	RV						
Nozzle kit 035 for FRV 30	5	2.642-430.0		35			
Hard surface cleaner FRV 30 Me							
Suction hose FRV 30 me	6	4.441-040.0					
FRV 30 ME	7	2.111-012.0					

[■] Included in delivery.

Available accessories.

Extension hose.































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		Order Number			Price	Description	
Nozzle union							Ė
Protection part TR only for replacement	1	4.112-011.0					[
Coupling parts							Ļ
	2	6.987-705.0					[
Rotary coupling							ļ
Rotary coupling	3	4.111-021.0				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.	[
Coupling							
Coupler -2xM22x1,5	4	4.111-037.0				Brass double connector for connecting and extending high- pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.	Г
Connector							
Nozzle connector/screw connector	5	4.111-022.0				Nozzle connector/screw connector for connecting high- pressure nozzles and accessories to the high-pressure trig- ger gun (with nozzle connector). Connectors: 1x M 22 x 1.5 and 1x M 18 x 1.5.	
	6	4.111-038.0					[
Adapter EASY!Lock			•				Ť
Adapter 1 M22AG-TR22AG	7	4.111-029.0					
Adapter 2 M22IG-TR22AG	8	4.111-030.0					[
Adapter 3 M22IG-TR22AG	9	4.111-031.0					[
Adapter M22 - Swivel	10	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.	- 1 1
Adapter 5 TR22IG-M22AG	11	4.111-033.0				tion.	[
Adapter 6 TR22IG-M22AG	12	4.111-034.0				•	[
Adapter 7 M18IG-TR20AG	13	4.111-035.0					[
Adapter 8 TR20IG-M18AG	14	4.111-036.0					[
Flue pipe							Ť
Flue gas adapter	15	4.656-149.0				Flue gas adapter with draught damper for flue pipe connec-	[
	16	4.656-080.0				tion (adapter for HDS burners for connection to a stack	[
						system).	Ţ
HP detergent injector	47	4.637-032.0			1	Detergent injector for independent high and low pressure	
Detergent injector for high and low pressure (without nozzles)	17	4.637-032.0				dosage. Maximum dosage about 15%.	[
Detergent injector for high pressure	18	4.637-033.0				Cleaning agent dosage at high pressure 3 - 5 %	[
Machine-specific nozzle kit with ord	der no	. 3.637-170	1				
Machine-specific nozzle kit with order no. 3.637-170.0 HD 500-700 l/h	19	4.769-046.0				For HDS 500 - 700 l/h. Consists of nozzle insert + HP power nozzle + union	[
Nozzle insert with order no. 3.637-	001						Ť
Nozzle insert for Order No. 3.637- 001, high-pressure for machines up to 1100 l/h.	20	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	21	4.769-001.0				For low pressure with machines up to 1.100 l/h	[





		Order Number	Nozzle size		Price	Description	
HP nozzle spray angle 0°				'			
High-pressure nozzle spray angle °0	1	2.113-001.0	40			High-pressure nozzle with powerful jet for extremely stubborn dirt.	
Power nozzle spray angle 15°							
	2	2.113-002.0	33				
Power nozzle spray angle 25°							
Power nozzle for replacement 25033	3	2.113-063.0	33				
Nozzle chemical TR for replace- ment 25250	4	2.113-020.0	250				
Power nozzle spray angle 40°							
Power nozzle spray angle 40°	5	2.113-003.0	40			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	

[■] Included in delivery.

Available accessories.

Extension hose.









		Order Number	Nozzle size			Price	Description
Wet blasting attachment (without r	ozzle)			'			
Wet blasting attachment with flow control (without nozzles)	1	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)	2	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 attach	ment						
Nozzle kit for wet blasting attachment 035	3	2.638-526.0	35				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 4.762-010/-022.
Boron carbide nozzle							
Boron carbide nozzle, for machines as of 1000 l/h	4	6.415-084.0	6 mm				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.













		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6								
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar					
Pipe cleaning hose, DN 6, 20 m, 220 bar	2	6.110-008.0	250 bar				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	3	6.110-047.0	250 bar					
Pipe cleaning nozzle								
Drain cleaning dirt blaster D 25/040	4	6.415-944.0		40	25 mm		The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the	
Drain cleaning dirt blaster D 30/040	5	6.415-946.0		40	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/040	6	6.415-948.0		40	35 mm			
Nozzle pipe cleaning size 120	7	5.763-089.0		120	16 mm		Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	
Pipe cleaning nozzle	8	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet	
	9	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	10	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.	
Rotating pipe cleaning nozzle	11	6.415-428.0		50	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	

[■] Included in delivery.

Available accessories.

Extension hose.







		Order Number	Flow rate		Price	Description
		Order Nomber	1 low rate		FIICE	Description
Cup foam lance						
Packing complete for 6.394-969.0	1	2.112-018.0				
Tank 1L	2	6.414-954.0				
Foam nozzle mounting kit						
Foam nozzle kit	3	2.112-013.0				Foaming agent kit. The foam nozzle is ideal for use in sani-
						tary areas and the food industry and wherever long applica- \Box
						tion times are necessary.

[■] Included in delivery.

Available accessories.

Extension hose.

















		Order Number	Length		Price	Description	
Automatic, self-winding hose reels							
Add-on kit hose reel plastics	1	6.392-074.0	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.	
Add-on kit hose reel	2	6.392-083.0	20 m			Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.	
Hose reel, automatic, 20 m, painted	3	6.392-106.0	20 m			Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	
	4	6.392-105.0	20 m				
Hose reel, automatic, 20 m, stain- less steel	5	6.392-076.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
ABS hose reel stainless steel	6	6.392-122.0	20 m			High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	
Swivel holder	7	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.	
ABS wall fastening stainless steel	8	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.	

[■] Included in delivery. ☐ Available accessories. ▲ Extension hose.











		Order Number	Flow rate		Price	Description	
Push-on washing brush							
Push-on washing brush	1	4.762-497.0				With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles.	
Push-on wash brush, M 18 x 1.5	2	4.113-001.0				Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	
Rotating washing brush							
	3	4.113-004.0	500-800 l/h				
	4	4.113-003.0	500-800 l/h				

[■] Included in delivery.

Available accessories.

Extension hose.

















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		Order Number	Length	Diameter		Price	Description	
Geka coupling								T
With hose nozzle, R 1/2"	1	6.388-461.0					with hose liner	
With hose nozzle, R 3/4"	2	6.388-455.0						
With hose nozzle, R 1"	3	6.388-465.0						
Suction filter								
Water filter	4	6.414-956.0						
Suction filter with check valve	5	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Fine-mesh water filter								
Fine-mesh water filter with adapter	6	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".	10
Water supply hose								
Water supply hose	7	4.440-038.0	7,5 m				NW 13 R1" / R 3/4", up to 30 °C	
	8	4.440-207.0	7,5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
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	ln

 $[\]blacksquare$ Included in delivery. \square Available accessories. \blacktriangle Extension hose.