



HDS 801 B

Hot water high-pressure cleaner with Honda petrol engine





1 Maximum independence

- Efficient four-stroke petrol or diesel engine with reversing starter.
- The right engine for the right job.

2 For the toughest jobs

- Sturdy tubular steel frame protects all components.
- Crane attachment point for use in the hire business, construction, agriculture and forestry.

TECHNICAL DATA AND EQUIPMENT.





HDS 801 B

- Safety valve protects the unit against overpressure
 Sturdy tubular steel frame for handling with crane

Technical data 1.210-100.0 Order Number EAN code 4039784729964 **bar / MPa** 140 / 14 Pressure Flow rate I/h 600 Max. temperature °C max. 80 Consumption fuel oil kg/h Engine type GX 160 K1/Petrol Engine manufacturer Honda Power rating 4 / 5,5 Weight kg 110 Dimensions (L x W x H) 1168 × 862 × 767

Equipment		
Trigger gun		Extended high-pressure trigger gun
High-pressure hose	m	10
Spray lance	mm	1050
Triple nozzle (0°/25°/40°)		Manual
Cage frame		1
Anti-twist system (AVS)		-
Electric starter		-
Servo Control		-
Sturdy tubular steel frame for handling with crane	В	•

■ Included in delivery.





























			1					_
				Max. working				
		Order Number	ID	pressure	Length	Price	Description	
Standard with unions on both sides	5							
High-pressure hose packaged	1	6.391-342.0	ID 8	315 bar	10 m			A
High-pressure hose, 15 m DN 8,	2	6.390-010.0	ID 8	315 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	
315 bar, including rotary coupling								-
High-pressure hose, 20 m DN 8,	3	6.390-031.0	ID 8	315 bar	20 m		With M 22x1.5 union at both ends and anti-kink protection	
315 bar, extension			10.0	2451	20		ID 8/155°C/315 bar	+
High-pressure hose, 30 m DN 8, including rotary coupling	4	6.390-293.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	4
High-pressure hose, 15 m DN 10,	5	6.390-023.0	ID 10	220 bar	15 m		15 m high-pressure hose M 22 x 1.5) with kink protection	+
220 bar, extension	J	0.550 025.0	10 10	220 bui	15 111		and threaded couplings at both ends. Further data: DN 10/155°C/220 bar.	4
Longlife 400 with unions on both s	ides					· ·		
High pressure hose DN 6, 10 m, drehbar,I	1	6.391-883.0	ID 6	400 bar	10 m		With rotary coupling, 2 x M 22 x 1,5	•
High-pressure hose Longlife 400,	7	6.388-083.0	ID 8	400 bar	10 m		10 m high-pressure hose Longlife 400 (DN 8) with rotary	T
10 m, DN 8, including rotary							coupling, two layer high-strength steel wire reinforced.	4
coupling							Connectors at both ends. M 22 x 1.5, with kink protection.	_
High-pressure hose packaged	8	6.391-354.0	ID 8	400 bar	10 m			A
High-pressure hose Longlife 400,	9	6.389-709.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	
15 m, DN 8, including rotary								•
coupling	4.0	6 200 027 0	ID 0	400 h	20		th	+
High-pressure hose Longlife 400, 20 m, DN 8, extension	10	6.390-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5	A
High-pressure hose Longlife 400,	11	6.390-294.0	ID 8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	t
30 m DN 8, including rotary		0.530 23 1.0	1.5 0	100 501			With totally coopining, 2 x iii 22 x 1.5	4
coupling								
High-pressure hose 1.5 m, DN 8,	12	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	
including connectors							protection and connectors at both ends. For connecting to	
		1					hose reels with appropriate connector (M 22 x 1.5).	L
Food industry version with unions	1	1	Linio	2501	l 40	1	1.0 1.1 (0.10) (1.10)	
High-pressure hose, 10 m ID 8, suitable for food industry,	13	6.389-479.0	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	A
extension piece							use in the food industry. M 22 x 1.5 with anti-kink sleeve.	ľ
High-pressure hose, 20 m ID 8,	14	6.389-581.0	ID 8	250 bar	20 m		20 m high-pressure hose (DN 8) with swivel coupling. Non-	T
suitable for food industry,							discolouring outer layer for use in the food industry.	١.
extension piece							Connectors at both ends, M 22 x 1.5, with kink protection.	1
							NW 8/155°C/250 bar.	L
Longlife food industry version with	1	1		1			1	
High pressure hose food DN 8 / 10 m	15	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	
High-pressure hose food industry	16	6.391-887.0	ID 8	400 bar	20 m		material. With rotary coupling, 2 x M 22 x 1,5	
400 bar, 20 m, DN 8, including rotary coupling								4
Standard		1						_
High-pressure hose, 10 m DN 6,	17	6.391-238.0	ID 6	250 bar	10 m	1	10 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector	1/	0.551-256.0		230 bai	10111		With patented rotating AVS trigger gun connector and	
Langlife 400							manual coupling. Further data: DN 6/155°C/250 bar.	_
Longlife 400	1.0	L c 204 882 6	LID C	400 have	10 1		With attack AVC	
High pressure hose DN 6, 10 m, Longlife	18	6.391-882.0	ID 6	400 bar	10 m		With patented AVS connection in the trigger gun (pivot- mounted).	
High-pressure hose packaged	19	6.391-351.0	ID 8	400 bar	10 m			ĪΕ

[■] Included in delivery.

Available accessories.

Extension hose.







		Order Number	ID	Max. working pressure	Length	Price	Description
Food industry version							
High-pressure hose 15 m ID 6, AVS trigger gun connector 11 mm, suitable for food industry, grey	20	6.391-654.0	ID 6	250 bar	15 m		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.
Longlife food industry version							
HIgh-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun connection	21	6.391-888.0	ID 6	400 bar	15 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)

[■] Included in delivery.

Available accessories.

Extension hose.











		Order Number	Flow rate			Price	Description
Easy Press high-pressure gun with	holdin	g power reductio	n (Kärcher paten	t)			
Extended easy press trigger gun	1	4.775-529.0					Extended easy press high-pressure trigger gun for high- pressure hoses with rotating connector.
Trigger guns							
High end high-pressure trigger gun	2	4.775-823.0					
Quick connect							
Quick coupling	3	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.
Plug nipple	4	6.401-459.0					Hardened stainless steel nipple for quick coupling 6.401-

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











	1						
			Max. working				
		Order Number		Nozzle size		Price	Description
Triple nozzles							
Triple nozzle 038	1	4.767-149.0	300 bar	38			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For high-pressure cleaners with injector; low-pressure fan jet for detergent removal and application. Connector M 18x1.5.
Triple nozzle, touchless changeover	r						
Triple nozzle, touchless changeover	2	4.767-112.0		40			
Dirt blaster, large							
Dirt blaster 04	3	4.763-252.0	300 bar	40			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.
Inaktiv							
Dirt blaster - with changeover to low pressure cleaning agent intake	4	4.763-950.0	300 bar	40			
Inactive							
Dirt blaster with changeover to fan jet	5	4.763-956.0	300 bar	40			

[■] Included in delivery.

Available accessories.

Extension hose.

















		Order Number	Max. working pressure	Length		Price	Description
Spray lance				'			
550 mm lance, non-rotatable	1	4.760-665.0		550 mm			550 mm stainless steel lance. With manual coupling. Non-rotatable.
Lance 250 mm, non-rotatable	2	4.760-667.0		250 mm			250 mm stainless steel lance. With manual coupling. Non-rotatable.
Double lance							
Double lance 960 mm	3	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							
WC and gutter lance	4	4.760-073.0					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	5	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	6	6.394-690.0	225 bar				
Restraint belt for telescopic jet pipe	7	6.373-987.0					Convenient strap for relief when working with the telescopi 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	8	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.

[■] Included in delivery.

Available accessories.

Extension hose.





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		Order Number			Price	Description	
Miscellaneous							
Backflow check valve	1	6.412-578.0				So that none of the cleaning agent ends up in the drinking water circulation when there is low pressure in the water line.	

[■] Included in delivery.

Available accessories.

Extension hose.















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		Order Number	Flow rate	Nozzle size		Price	Description	
Hard Surface Cleaner FRV 30								
FRV 30	1	2.642-999.0						
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.	-
Extension hose 5 m	3	4.440-939.0					5m extension hose for FRV 30. Connection sleeve included.	+
Hard surface cleaner FR 30 ME		1.110 333.0		1			Sin extension hase for the sol connection sieeve included.	
FR 30 ME surface cleaner	4	2.640-355.0			300 mm		Hot water resistant stainless steel surface cleaner with	Т
							double ceramic bearings, non-marking swivel castors and	Ιп
							suction hose connection. Ideal for indoor cleaning, e.g. food	
							industry.	
Machine-specific nozzle kit for FR								
Nozzle kit for surface cleaners	5	2.640-401.0	500-650 l/h				Nozzle kit includes power nozzles and unions. For Kärcher	
(type-specific) 500 - 650 l/h							surface cleaners (500 to 650 l/h).	工
Machine-specific nozzle kits for FR	1	,						
Nozzle kit 040 for FRV 30	6	2.642-431.0		40				
Hard surface cleaner FRV 30 Me								
FRV 30 ME	7	2.642-911.0						
Suction hose FRV 30 me	8	4.441-040.0						

[■] Included in delivery.

Available accessories.

Extension hose.































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		Order Number			Price	Description
Nozzle union						
Nozzle connector	1	5.401-210.0				For protecting and connecting Kārcher power nozzles to spray lances (M 18 x 1.5 lG).
Spacer (including nozzle union)						
Spacer (incl.nozzle union)	2	5.394-294.0				Guarantees constant safety clearance, e.g. for tyres and bodywork. Helps prevent damage to sensitive surfaces. Mounts directly to lance.
Rotary coupling						
Rotary coupling	3	4.401-091.0				Kårcher 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			ı	1		
Coupler -2xM22x1,5	4	4.403-002.0				Brass double connector for connecting and extending high- pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.
Connector						
Nozzle connector/screw connector	5	4.402-022.0				Nozzle connector/screw connector for connecting high- pressure nozzles and accessories to the high-pressure trigger gun (with nozzle connector). Connectors: 1x M 22 x 1.5 and 1x M 18 x 1.5.
Adapter				<u>'</u>		
Adapter M22 - Swivel	6	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.
Adapter EASY!Lock					L	Connection.
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.
Adapter 5 TR22IG-M22AG	11	4.111-033.0				
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				
HP detergent injector						
Detergent injector for high pressure	15	3.637-170.0				Cleaning agent dosage at high pressure 3 - 5 %
Detergent injector for high and low pressure (without nozzles)	16	3.637-001.0				Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.
Machine-specific nozzle kit with or	1			1		
Machine-specific nozzle kit with order no. 3.637-170.0 HD 500- 700 l/h	17	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					<u> </u>
Low pressure for units rated up to 1100 l/h		4.769-001.0				For low pressure with machines up to 1.100 l/h

[■] Included in delivery.

Available accessories.

Extension hose.











		Order Number	Max. working pressure	Nozzle size		Price	Description
HKF 50 spray head, brass			·	'			
HKF 50 spray head , brass	1	3.631-039.0					Depth of immersion 850 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally
	2	3.631-058.0					
Pipe cleaning hose, ID 6							
Pipe cleaning hose	3	6.390-028.0	120 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).
Pipe cleaning hose, DN 6, 30 m	4	6.390-029.0	120 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).
Pipe cleaning hose, DN 6, 20 m, 220 bar	5	6.390-030.0	250 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).
Pipe cleaning nozzle							
Drain cleaning dirt blaster D 25/040	6	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	7	6.415-946.0		40	30 mm		necessary forward movement, as well as convenient handling.
Drain cleaning dirt blaster D 35/040	8	6.415-948.0		40	35 mm		
Pipe cleaning nozzle	9	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet
	10	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.
	11	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.

[■] Included in delivery.

Available accessories.

Extension hose.









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		Order Number	Nozzle size				Price	Description
HP nozzie spray angle 0°		0.444						
High-pressure nozzle spray angle	1 1	2.884-533.0	40	l	l	ı	l	High-pressure nozzle with powerful jet for extremely
°0	1	2.004-333.0	40					stubborn dirt.
Power nozzle spray angle 15°								
Power nozzle spray angle 15°	2	2.883-388.0	40					Fan jet nozzle with 15° spray angle suitable for stubborn dirt.
Power nozzle spray angle 25°								
Power nozzle spray angle 25°	3	2.883-805.0	38					Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.
	4	2.884-521.0	250					
Power nozzle spray angle 40°								
Power nozzle spray angle 40°	5	2.884-522.0	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.









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		Order Number	Nozzle size		Price	Description	
Wet blasting attachment (without i	nozzle)						
Wet blasting attachment with flow control (without nozzles)	1	4.762-010.0				Paint, rust and scale removal made easy: Kārcher 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	4.762-022.0				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 040	3	2.637-900.0	40			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.	

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











		Order Number	Flow rate		Price	Description	
Cup foam lance							
Tank 1L	1	6.414-954.0					
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.	
Easy Foam Set							
Easy Foam Set with RM injector	3	2.640-691.0				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.	
Nozzle kits for Inno/Easy Foam Se	t						
Nozzle kit 055 z. Inno/Easy Set 500 - 600 l/h	4	2.640-870.0	500-600 l/h			Optimal adaptation to different machine outputs for economic use.	
Foam nozzle mounting kit							
Foam nozzle kit	5	2.637-926.0				Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long application times are necessary.	

[■] Included in delivery.

Available accessories.

Extension hose.

















		Order Number	Length			Price	Description	l
Hose reel add-on kit		'						
Hose reel kit for HDS 801/1050 B/D	1	2.637-733.0	20 m				ABS hose reel for mounting on the machine. For safe and tidy stowage of high-pressure hoses (with connecting hose to machine's HP outlet). Can be rotated under pressure, with M 22 x 1.5 connection.	
Automatic, self-winding hose reels		ı		1			,	
Swivel holder	2	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	3	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.	
Add-on kit hose reel plastics	4	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.	
Add-on kit hose reel	5	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.	
Hose reel, automatic, 20 m, painted	6	2.639-919.0	20 m				Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	
Hose reel, automatic, 20 m, stainless steel	7	6.391-421.0	20 m				Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
ABS hose reel stainless steel	8	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 corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	

[■] Included in delivery.

Available accessories.

Extension hose.











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		Order Number	Flow rate		Price	Description	
Push-on washing brush							
Push-on wash brush, M 18 x 1.5	1	4.762-016.0				Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	
Push-on washing brush	2	4.762-497.0				With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles.	
Rotating washing brush							
	3	4.762-559.0	900-1300 l/h				
	4	4.762-562.0	900-1300 l/h				

[■] Included in delivery.

Available accessories.

Extension hose.



















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		Order Number	Length	Diameter		Price	Description	
Geka coupling			'	•				
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						Ē
With female thread, R 3/4"	3	6.388-473.0					with female thread	
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, 100 $\mu m,R$ 3/4"	6	2.637-691.0					Fine-mesh water filter, 100 µm, max. temperature 60°C. Protects the high-pressure cleaner from dirt particles contained in the water. Transparent filter cup. Water flow rate up to 1200 l/h. Connector 3/4".	
Fine-mesh water 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 contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".	
Water supply hose								
Water supply hose	8	4.440-038.0	7,5 m				NW 13 R1" / R 3/4", up to 30 °C	
	9	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	10	2.641-374.0					To prevent detergent getting into the drinking water cycle icase of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakag protection	-

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