#### KARCHER HDS 801 B HOT WATER PRESSURE CLEANER





Mobile hot water high-pressure cleaner with combustion motor for the universal use where no power supply is available.













#### Maximum independence

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

#### For the toughest jobs

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

#### **Technical Data and Equipment**





#### HDS 801 B

■ Included in delivery.

- Compact hot water unit
- Safety valve protects the unit against overpressure
   Sturdy pipe frame for handling with crane

Technical data		
Order no.		1.210-100.0
EAN		4039784729964
Pressure	bar / MPa	140 / 14
Flow rate	l/h	600
Max. temperature	°C	80
Fuel oil consumption, full load	kg/h	3.7
Engine type		GX 160 K1/ petrol
Engine manufacturer		Honda
Engine performance, net.	kW	3.6
Engine performance, gross	kW / hp	4 / 5.5
Weight	kg	110
Dimensions (L x W x H)	mm	1168 x 862 x 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		
Sturdy tubular steel frame for handling with crane		

























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		Order no.	ID	Max. working pressure	Length	Price	Description
Standard with unions on both sid	les						
High-pressure hose, 15 m DN 8,	1	6.390-010.0	ID 8	315 bar	15 m		
315 bar, including rotary coupling							
High-pressure hose, 20 m DN 8, 315 bar, extension	2	6.390-031.0	ID 8	315 bar	20 m		
High-pressure hose, 15 m DN 10, 220 bar, extension	3	6.390-023.0	ID 10	220 bar	15 m		
High-pressure hose packaged	4	6.391-342.0		315 bar	10 m		
High-pressure hose, 30 m DN 8,	5	6.390-293.0	ID 8	315 bar	30 m		
including rotary coupling							
Longlife 400 with unions on both	sides		,	'		,	
High-pressure hose Longlife 400,	6	6.388-083.0	ID 8	400 bar	10 m		10 m high-pressure hose Longlife 400 (DN 8) with rotary
10 m, ID 8, including rotary cou-							coupling, two layer high-strength steel wire reinforced. Con-
pling							nectors at both ends. M 22 x 1.5, with kink protection.
High-pressure hose Longlife 400, 20 m, ID 8, extension	7	6.390-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5
High pressure hose ID 6, 10 m, drehbar,I	8	6.391-883.0	ID 6	400 bar	10 m		With rotary coupling, 2 x M 22 x 1,5
High-pressure hose packaged	9	6.391-354.0	ID 8	400 bar	10 m		
High-pressure hose Longlife 400,	10	6.389-709.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5
15 m, ID 8, including rotary coupling							<b>△</b>
High-pressure hose Longlife 400, 30 m ID 8, including rotary cou- pling	11	6.390-294.0	ID 8	400 bar	30 m		
High-pressure hose 1.5 m, ID 8, including connectors	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 protection and connectors at both ends. For connecting to hose
English of the State of the State		. 41 2.4					reels with appropriate connector (M 22 x 1.5).
Food industry version with union	1	i .	ID 8	050 h	140	1	40 as high assessment (DALO) with a started (sateliars) AVC
High-pressure hose, 10 m ID 8, suitable for food industry, exten- sion piece	13	6.389-479.0	8 טו	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.
High-pressure hose, 20 m ID 8, suitable for food industry, extension piece	14	6.389-581.0	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.
Longlife food industry version wi	th unio	ons on both sid	es			•	
High pressure hose food ID 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 material. With
High-pressure hose food industry 400 bar, 20 m, ID 8, including rotary coupling	16	6.391-887.0	ID 8	400 bar	20 m		rotary coupling, 2 x M 22 x 1,5
Standard							
High-pressure hose, 10 m DN 6, AVS trigger gun connector	17	6.391-238.0	ID 6	250 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 6/155°C/250 bar.
Longlife 400							
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		400 bar	10 m		
■ Included in delivery □ Availa			Extension base		1 2 2		

<sup>■</sup> Included in delivery.
□ Available accessories.
▲ Extension hose.









		Order no.	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 con- nection	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)
Special hoses						•	
High-pressure hose 1.5 m, ID 8, including connectors, outlet bend	22	6.388-886.0	ID 8	400 bar	1.5 m		

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.











		Order no.	Flow rate			Price	Description
Easy Press high-pressure gun wit	th hold	ding power reduc	ction (Kärcher pa	itent)			
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 6.401-458. With M22 x 1,5 male.

<sup>■</sup> Included in delivery.
□ Available accessories.
▲ Extension hose.











		Order no.	Max. working pressure	Nozzle size		Price	Description
Triple nozzles							<u> </u>
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 changeon	ver						
Triple nozzle, touchless changeover	2	4.767-112.0		40			
Dirt blaster, large							
Dirt blaster - without changeover function	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.
Dirt blaster - with changeover to	low pr	essure cleaning	agent intake				
Dirt blaster - with changeover to low pressure cleaning agent intake	4	4.763-950.0	300 bar	40			Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Changeover to detergent intake (low pressure) max. 300 bar/30 MPa, 85 °C
Dirt blaster with changeover to fa	n jet						
Dirt blaster with changeover to fan jet	5	4.763-956.0	300 bar	40			Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Changeover to high-pressure fan jet max. 300 bar/30 MPa, 85 °C

















			Max. working				
		Order no.	pressure	Length		Price	Description
Spray lance		•	<u>'</u>	<u>'</u>			
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.
Angular spray lance							
WC and gutter lance	3	4.760-073.0					Stainless steel lance WC and gutter with nozzle insert. Spe- cially shaped for effective and hygienic cleaning of gutters and toilets.
Double lance							
Double lance 960 mm	4	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	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 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	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.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.















		Order no.	Flow rate	Nozzle size	Diame- ter	Price	Description
Hard surface cleaner FR 30 ME							
FR 30 ME surface cleaner	1	2.640-355.0			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 Fl	₹						
Nozzle kit for surface cleaners (type-specific) 500 - 650 l/h	2	2.640-401.0	500–650 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (500 to 650 l/h).
Hard surface cleaner FRV 30							
FRV 30	3	2.642-999.0					[
Add-on kit rubber lip	4	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	5	4.440-939.0					5m extension hose for FRV 30. Connection sleeve included.
Gerätespezifische Düsenkits für	FRV			•			
Nozzle kit 040 for FRV 30	6	2.642-431.0		40			
Flächenreiniger FRV 30 ME							
FRV 30 ME	7	2.642-911.0					1
Suction hose FRV 30 me	8	4.441-040.0					











		Order no.	Max. working pressure	Nozzle size	Diame- ter	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 bar- rels 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 hori- zontally	
Pipe cleaning hose, ID 6								
Pipe cleaning hose	2	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	3	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	4	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	5	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 neces-	
Drain cleaning dirt blaster D 30/040	6	6.415-946.0		40	30 mm		sary forward movement, as well as convenient handling.	
Drain cleaning dirt blaster D 35/040	7	6.415-948.0		40	35 mm			

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.







		Order no.	Nozzle size		Price	Description
HP nozzle spray angle 0°						
High-pressure nozzle spray angle °0	1	2.884-533.0	40			High-pressure nozzle with powerful jet for extremely 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.

 $<sup>\</sup>blacksquare$  Included in delivery.  $\qed$  Available accessories.  $\ \, \blacktriangle$  Extension hose.























		Order no.			Price	Description
Coupling						
Hose connector	1	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	2	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.
HP detergent injector						
Detergent injector for high pressure	3	3.637-170.0				Cleaning agent dosage at high pressure 3 - 5 %
Detergent injector for high and low pressure (without nozzles)	4	3.637-001.0				Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.
Machine-specific nozzle kit with o	order n	io. 3.637-170				
Machine-specific nozzle kit with order no. 3.637-170.0 HD 500-700 l/h	5	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						
Low pressure for units rated up to 1100 l/h	6	4.769-001.0				For low pressure with machines up to 1.100 l/h
Nozzle union						
Nozzle connector	7	5.401-210.0				For protecting and connecting Kärcher power nozzles to spray lances (M 18 x 1.5 IG).
Spacer (including nozzle union)						
Spacer (incl.nozzle union)	8	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	9	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.
Adapter						
Adapter M22 - Swivel	10	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.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









		Order no.	Nozzle size		Pri	ice	Description	
Wet blasting attachment (without	nozzl	e)	*	,				
Wet blasting attachment with flow control (without nozzles)	1	4.762-010.0					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	4.762-022.0					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.	- 1
Nozzle pack for wet blasting attac	chmen	t						
Nozzle kit for wet blasting attach- nent 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 ma- chines as of 1000 l/h	4	6.415-084.0	6				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	[

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.











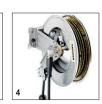
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		Order no.	Flow rate		Price	Description
Easy Foam Set						
Easy Foam Set with RM injector	1	2.640-691.0				HP foam system for use with. HD/HDS units for cleaning and disinfecting. Foam nozzle for connection to lance and HP chemical injector with precision 0-5% metering valve. The machine specific nozzle kit has to be ordered separately.
Nozzle kits for Inno/Easy Foam S	et					
Nozzle kit 055 z. Inno/Easy Set 500 - 600 l/h	2	2.640-870.0	500–600 l/h			Optimal adaptation to different machine outputs for economic use. $\hfill\Box$
Foam nozzle mounting kit						
Foam nozzle kit	3	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.
Cup foam lance						
Cup foam lance	4	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.
Tank 1L	5	6.414-954.0				

<sup>■</sup> Included in delivery.
□ Available accessories.
▲ Extension hose.















		Order no.	Length		Price	Description
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 reel	s					
Hose reel, automatic, 20 m, painted	2	2.639-919.0	20 m			Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.
Swivel holder	3	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.
Hose reel, automatic, 20 m, stain- less steel	4	6.391-421.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.
Add-on kit hose reel plastics	5	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	6	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.
ABS hose reel stainless steel	7	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.
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 pos- sible when working with the HP hose.

<sup>■</sup> Included in delivery.
□ Available accessories.
▲ Extension hose.











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		Order no.	Flow rate				Price	Description	
Rotating washing brush									
Washing brush rotary	1	4.762-559.0	900–1300 l/h						
	2	4.762-562.0	900–1300 l/h						
Push-on washing brush									
Push-on wash brush, M 18 x 1.5	3	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									
Push-on washing brush	4	4.762-497.0						With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.



















		Order no.	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					with hose liner
With female thread, R 3/4"	3	6.388-473.0					with female thread
Suction filter							
Suction filter with check valve	4	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.
Water filter	5	6.414-956.0					
Fine-mesh water filter							
Fine-mesh water filter, 100 μm, 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 in case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakage protection

<sup>■</sup> Included in delivery.
□ Available accessories.
▲ Extension hose.



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