



# HDS 5/15 UX

The HDS 5/15 UX hot water high-pressure cleaner with hose reel and 15 m hose. Very compact, ergonomically sophisticated upright design with exceptional power.









### 1 Integrated hose reel

- Secure and convenient storage of the pressure hose.
- Ensures ergonomic operation.

### 2 Innovative upright design

- Effortless transport over landings or stairs.
- Large wheels for unpaved surfaces.



### 3 Water fine filter

- Efficiently protects high-pressure pump against contamination.
- Easy to remove from outside.

#### 4 Compact design

- Space-saving storage and transport
- Spill-proof pump and fuel tank for flat transport.

# **TECHNICAL DATA AND EQUIPMENT**

### KARCHER



#### HDS 5/15 UX

Mobile entry-level model

Space-saving upright designExhaust temperature monitoring

Technical data		
Order no.		1.064-913.0
EAN code		4054278139975
Current type	Ph / V / Hz	1 / 230 / 50
Flow rate	l/h	450
Pressure	bar / MPa	150 / 15
Temperature	°C	max. 80
Connection load	kW	2.7
Heating oil or gas consumption, full load	kg/h	2.4
Fuel tank	1	6.5
Weight	kg	80.5
Dimensions (L × W × H)	mm	618 × 1163 × 994
Equipment		
Spray gun		EASY!Force Advanced

Spray gun		EASY!Force Advanced
High-pressure hose	m	15
Spray lance	mm	840
Integrated pressure hose reel		I
ANTI!Twist		-
Pressure cut-off		I contraction of the second seco
Servo Control		-
Included in the scope of supply		

Included in the scope of supply.

### KARCHER



		1	1					
	Order no	п		Length		Drice	Description	
			pressore	Lengen			beschption	┶
	C 110 021 0		015 hav	10 m			Lick pressure hase (ID 0) suitable for up to 245 has pres	
1	6.110-031.0	8 01	315 Dar	10 m			sure. High-pressure hose with innovative EASY!Lock hand	
2	6.110-030.0	ID 8	315 bar	15 m				1
3	6.110-032.0	ID 8	315 bar	20 m			High-pressure hose (ID 8), 20 m long, with time-saving and	1
0							robust EASY!Lock hand screw connection at both ends. For up to 315 bar pressure.	
4	6.110-014.0	ID 8	315 bar	30 m				t 🔺
5	6.110-042.0	ID 10	220 bar	15 m			With innovative EASY!Lock hand screw connection for up to	<sup>)</sup>
6	6.110-043.0	ID 10	220 bar	20 m			Main features of this high-pressure hose (ID 10): 20 m long with extremely time-saving and convenient EASY!Lock hand	
7	6.110-044.0	ID 10	220 bar	25 m				,
8	6.110-045.0	ID 10	220 bar	40 m			40 m long high-pressure hose with EASY!Lock system for time-saving hand screw connection (at both ends). (ID) 10, up to 220 bar working pressure.	
9	6.110-059.0	ID 12	210 bar	15 m			Suitable for up to 250 bar working pressure: high-pressure hose (ID 12), 15 m long, with convenient EASY!Lock hand screw connection at both ends.	
10	6.110-060.0	ID 12	210 bar	40 m			working radius: high-pressure hose (ID 12) with EASY!Lock	
11	6.110-041.0	ID 10	220 bar	10 m			Impressive values and basic equipment: high-pressure hose (ID 10), 25 m long, for up to 220 bar pressure.	,
12	6.110-035.0	ID 6	250 bar	10 m			High-pressure hose with EASY!Lock hand screw connection at both ends (ID 6), 10 m long. Suitable for up to 250 bar pressure with ANTI/Twist	
13	6.110-056.0	ID 6	300 bar	10 m			High-pressure hose (ID 6) with ANTI!Twist and new EASY!Lock hand screw connection at both ends. For up to	
des							· · · ·	
14	6.110-023.0	ID 8	400 bar	30 m			ANTI!Twist and EASY!Lock hand screw connection at both	t,
15	6.110-027.0	ID 8	400 bar	20 m			High-pressure hose with ANTI!Twist, EASY!Lock hand screw	
							EASY!Lock hand screw connection at both ends.	1
16	6.110-029.0	ID 8	400 bar	15 m				5 🔺
	h sides						400 bar pressure hose.	1
	1	ID 8	250 bar	10 m			High-pressure hose (ID 6), 10 m long, with grey, non-mark- ing outer covering. Approved for use in the food industry. With quick and robust EASY!Lock hand screw connection at both ends.	
	1 2 3 4 5 6 7 8 9 9 10 11 12 13 13 <b>des</b> 14 15 16 <b>on bot</b>	1         6.110-031.0           2         6.110-032.0           3         6.110-032.0           4         6.110-014.0           5         6.110-042.0           6         6.110-043.0           7         6.110-043.0           8         6.110-045.0           9         6.110-059.0           10         6.110-059.0           11         6.110-059.0           12         6.110-056.0           13         6.110-035.0           14         6.110-023.0           15         6.110-027.0	1       6.110-031.0       ID 8         2       6.110-030.0       ID 8         3       6.110-032.0       ID 8         4       6.110-042.0       ID 10         5       6.110-042.0       ID 10         6       6.110-043.0       ID 10         7       6.110-044.0       ID 10         8       6.110-045.0       ID 10         9       6.110-045.0       ID 10         9       6.110-045.0       ID 10         10       6.110-045.0       ID 10         11       6.110-059.0       ID 12         11       6.110-059.0       ID 10         12       6.110-055.0       ID 10         13       6.110-035.0       ID 6         14       6.110-023.0       ID 8         15       6.110-027.0       ID 8         16       6.110-029.0       ID 8	I       6.110-031.0       ID 8       315 bar         2       6.110-030.0       ID 8       315 bar         3       6.110-032.0       ID 8       315 bar         4       6.110-014.0       ID 8       315 bar         5       6.110-042.0       ID 10       220 bar         6       6.110-043.0       ID 10       220 bar         7       6.110-043.0       ID 10       220 bar         8       6.110-045.0       ID 10       220 bar         9       6.110-045.0       ID 10       220 bar         9       6.110-045.0       ID 10       220 bar         10       6.110-045.0       ID 12       210 bar         10       6.110-059.0       ID 12       210 bar         11       6.110-050.0       ID 10       220 bar         11       6.110-035.0       ID 6       250 bar         12       6.110-035.0       ID 6       300 bar         13       6.110-023.0       ID 8       400 bar         14       6.110-027.0       ID 8       400 bar         15       6.110-029.0       ID 8       400 bar	Order no.       ID       pressure       Length         1       6.110-031.0       ID 8       315 bar       10 m         2       6.110-030.0       ID 8       315 bar       15 m         3       6.110-032.0       ID 8       315 bar       20 m         4       6.110-014.0       ID 8       315 bar       20 m         5       6.110-042.0       ID 10       220 bar       15 m         6       6.110-042.0       ID 10       220 bar       25 m         6       6.110-043.0       ID 10       220 bar       25 m         7       6.110-044.0       ID 10       220 bar       25 m         8       6.110-045.0       ID 12       210 bar       40 m         9       6.110-059.0       ID 12       210 bar       10 m         10       6.110-041.0       ID 10       220 bar       10 m         11       6.110-035.0       ID 6       300 bar       10 m         12       6.110-041.0       ID 10       220 bar       10 m         13       6.110-025.0       ID 6       300 bar       10 m         14       6.110-023.0       ID 8       400 bar       20 m         15 </td <td>Order no.       ID       pressure       Length       I         1       6.110-031.0       ID 8       315 bar       10 m       III         2       6.110-030.0       ID 8       315 bar       15 m       III         3       6.110-032.0       ID 8       315 bar       20 m       IIII         4       6.110-042.0       ID 10       220 bar       30 m       IIII         5       6.110-042.0       ID 10       220 bar       25 m       IIIII         6       6.110-043.0       ID 10       220 bar       25 m       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td> <td>Order no.       ID       pressure       Length       Price         1       6.110-031.0       ID 8       315 bar       10 m      </td> <td>Order no.         ID         pressure         Length         Price         Description           1         6.110-031.0         ID.8         315 bar         10 m         High-pressure hose (ID.8) suitable for up to 315 bar pressure. High-pressure hose (ID.8) suitable for up to 315 bar pressure. High-pressure hose (ID.8) suitable for up to 315 bar pressure.           2         6.110-032.0         ID.8         315 bar         15 m         15 m long high-pressure hose (ID.8) suitable for up to 315 bar pressure.           3         6.110-032.0         ID.8         315 bar         20 m         High-pressure hose (ID.8) 20 mone, with AMTITIVISI at batch of ends. For up to 315 bar pressure.           4         6.110-042.0         ID.0         220 bar         15 m         Convenient length 100 m) and Innovative EASYLock hand screev connection for up to 315 bar pressure.           5         6.110-043.0         ID.10         220 bar         20 m         With Innovative EASYLock hand screev connection for up to 20 bar pressure.           6         6.110-043.0         ID.10         220 bar         20 m         Main hyperssure hose (ID.10)         20 bar pressure.           7         6.110-043.0         ID.10         220 bar         25 m         Impressive values and bais equipment. high-pressure hose (ID.10)           9         6.110-043.0         ID.10         220 bar         15 m         I</td>	Order no.       ID       pressure       Length       I         1       6.110-031.0       ID 8       315 bar       10 m       III         2       6.110-030.0       ID 8       315 bar       15 m       III         3       6.110-032.0       ID 8       315 bar       20 m       IIII         4       6.110-042.0       ID 10       220 bar       30 m       IIII         5       6.110-042.0       ID 10       220 bar       25 m       IIIII         6       6.110-043.0       ID 10       220 bar       25 m       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Order no.       ID       pressure       Length       Price         1       6.110-031.0       ID 8       315 bar       10 m	Order no.         ID         pressure         Length         Price         Description           1         6.110-031.0         ID.8         315 bar         10 m         High-pressure hose (ID.8) suitable for up to 315 bar pressure. High-pressure hose (ID.8) suitable for up to 315 bar pressure. High-pressure hose (ID.8) suitable for up to 315 bar pressure.           2         6.110-032.0         ID.8         315 bar         15 m         15 m long high-pressure hose (ID.8) suitable for up to 315 bar pressure.           3         6.110-032.0         ID.8         315 bar         20 m         High-pressure hose (ID.8) 20 mone, with AMTITIVISI at batch of ends. For up to 315 bar pressure.           4         6.110-042.0         ID.0         220 bar         15 m         Convenient length 100 m) and Innovative EASYLock hand screev connection for up to 315 bar pressure.           5         6.110-043.0         ID.10         220 bar         20 m         With Innovative EASYLock hand screev connection for up to 20 bar pressure.           6         6.110-043.0         ID.10         220 bar         20 m         Main hyperssure hose (ID.10)         20 bar pressure.           7         6.110-043.0         ID.10         220 bar         25 m         Impressive values and bais equipment. high-pressure hose (ID.10)           9         6.110-043.0         ID.10         220 bar         15 m         I



		Order no.	ID	Max. working pressure	Length	Price	Description
High-pressure hose, food grade, 2 x EASY!Lock, DN 8, 20 m, AN- TI!Twist	18	6.110-052.0	ID 8	250 bar	20 m		Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, AN- TI!Twist and EASY!Lock hand screw connections.
Standard							
High-pressure hose AVS hose reel connection, ID 6, 250 bar, 15 m	19	6.110-036.0	ID 6	250 bar	15 m		With AVS hose reel connection and high-pressure hose (ID 6, 15 m long, up to 250 bar pressure) with EASY!Lock hand screw connection.
High-pressure hose AVS hose reel connection, ID 6, 250 bar, 15 m, ANTI!Twist	20	6.110-037.0	ID 6	250 bar	15 m		High-pressure hose, (ID 6), 15 m long, for up to 250 bar working pressure. With ANTI!Twist for hose reels with AVS connection The other end has an EASY!Lock hand screw connection.
Special hoses							·
High-pressure hose, 1 x curved EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	21	6.110-068.0	ID 8	400 bar	1.5 m		For connection to hose reels: high-pressure hose, with M 22 × 1.5 connection and curved EASY!Lock hand screw connec- tion. 1.5 m long, suitable for up to 400 bar working pres- sure.

### KARCHER



		Order no.	Flow rate		Price	Description
Trigger guns				1		
EASY!Force Advanced	1	4.118-005.0				Effortless, not energy-sapping: the EASY!Force high-pres- sure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.
EASY!Force conversion kit 1 - from high-pressure hose	2	4.111-050.0				For retrofitting Kärcher high-pressure cleaners with existing high-pressure hose: EASY!Force conversion kit 1 with EASY!- Force high-pressure gun, spray lance and all adapters through to the nozzle.
EASY!Force conversion kit 2 - from machine	3	4.111-051.0				Developed for retrofitting existing high-pressure cleaners from Kärcher: EASY!Force conversion kit 2 with EASY!Force high-pressure gun, spray lance, high-pressure hose and necessary adapters.
EASY!Force conversion kit 3 - high-pressure gun	4	4.111-052.0				Compatible with existing high-pressure hose and spray lance: EASY!Force conversion kit 3, incl. EASY!Force trigger gun and all necessary adapters for upgrading your high-pressure cleaner.
Quick connect						
Quick coupling	5	2.115-000.0				For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.
Male coupling	6	2.115-001.0				$\begin{tabular}{lllllllllllllllllllllllllllllllllll$

### KARCHER

### HDS 5/15 UX 1.064-913.0

	Z	3			~	5			
8 9		10		11		12		13 14	
L									 
		Order no.	Max. working pressure	Length		Pri	ce	Description	
Rotating spray lances									
Spray lance, 840 mm, rotating	1	4.112-006.0	300 bar	840 mm				850 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.	
LED nozzle light	2	2.680-002.0		125 mm				Bright, lightweight LED work light for direct mounting on spray lance of EASY!Force high-pressure gun. Better view in unfavourable lighting conditions for up to 5 working hours.	
Spray lance, 250 mm, rotating	3	4.112-027.0	300 bar	250 mm				Spray lance, 600 mm, rotatable, ergonomic	
Spray lance, 400 mm, rotatable 600 mm spray pipe, rotatable	4	4.112-024.0 4.112-007.0	300 bar 300 bar	400 mm 600 mm				600 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.	
1050 mm spray pipe, rotatable	6	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.	
1550 mm spray pipe, rotatable	7	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.	
2050 mm spray pipe, rotatable	8	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.	
EASY!Lock 1000 mm spray lance extender	9	4.112-048.0	300 bar	1000 mm				Spray lance extension with EASY!Lock connection. Length 1000 mm.	
Double lance									
Double lance 960 mm	10	2.112-016.0	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 Spray lance for toilets and rain gutters	11	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						
Flexible lance 1050 mm TR 20 articulated joint	12 13	4.112-035.0 4.112-057.0	210 bar 300 bar	1050 mm				1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters. For hard-to-reach areas: High-pressure articulated joint with	
								infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.	
Telescopic spray lance			/	'					
Telescopic spray lance	14	4.112-037.0	225 bar	5400 mm				Can be continuously extended from 1.8 to 5.4 m. For clean- ing areas that are difficult to reach, such as ceilings or fa- cades. With integrated HD trigger gun, M 22 x 1.5 connec- tion with rotary coupling. Connection for M 18 x 1.5 nozzles	
Strap for telescopic spray pipe	15	6.373-987.0						Convenient strap for relief when working with the telescop- ic spray lance (6.394-690). The burden is optimally distrib- uted on the body and longer periods of use are possible.	
Gutter cleaner		0.446.51			1	1			
Gutter cleaning lance	16	2.112-015.0		960 mm				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	17	4.112-032.0		700 mm				Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	

### KARCHER

# HDS 5/15 UX 1.064-913.0



		Order no.	Max. working pressure	Length		Price	Description
Additional handle Additional handle for EASY!Lock spray lances	18	4.321-380.0					Comfortable in every situation – the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360°-rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.
PowerControl spray lance PowerControl spray lance 027	19	4.112-043.0					The PowerControl spray lance with nozzle size 027 allows infinitely variable adjustment of the pressure directly in the gripping area and thus an exact adaptation of the power to the respective task.

 $\blacksquare$  Included in the scope of supply.  $\hfill\square$  Available accessories.  $\hfill\blacksquare$  Extension hose.



		Order no.	Max. working pressure	Nozzle size		Price	Description
Triple nozzles							
Triple nozzle 028	1	4.117-024.0	300 bar	28			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For machines with an injector, the low-pressure flat stream is useful for cleaning agent suction and application. Connection M 18 x 1.5.
Dirt blaster, large							
Dirt blaster, large 035	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.

 $\blacksquare$  Included in the scope of supply.  $\hfill\square$  Available accessories.  $\hfill \blacktriangle$  Extension hose.

### KARCHER

## HDS 5/15 UX 1.064-913.0



		Order no.	Nozzle size		Price	Description	
HP nozzle spray angle 0°			-				
High-pressure nozzle 0° - 040	1	2.113-001.0	40			High-pressure nozzle with powerful jet for extremely stub- born dirt.	
Power nozzle spray angle 15°							
Power nozzle 15° - 034	2	2.113-042.0	34			Flat jet nozzle for stubborn dirt.	
Power nozzle spray angle 25°							
Power nozzle 25° - 034	3	2.113-000.0	34			Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	
25° power nozzle for cleaning agent suction	4	2.113-020.0	250			Brass power nozzle for low-pressure operation and cleaning agent suction.	
Power nozzle spray angle 40°							
Power nozzle 40° - 040	5	2.113-003.0	40			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	

### KARCHER

		3-4 			6 13		$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array} $
		Order no.				Price	Description
Nozzle union						1	
Nozzle screws	1	4.112-011.0					Nozzle screws with protectors for high-pressure and power nozzles
Machine-specific nozzle kit with or	der no	. 4.637-033.0					
Nozzle kit 500-700 l/h	2	4.769-009.0					For HDS 500 - 700 l/h. Consists of nozzle insert + HP power
Nozzle insert with order no. 4.637-	032.0						nozzle + union
Nozzle insert up to 1,100 l/h - high pressure	3	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.
Nozzle insert up to 1,100 l/h - low	4	4.769-001.0					For low pressure with machines up to 1.100 l/h
pressure Rotary coupling							
Rotary coupling	5	4.111-021.0					Reliably prevents twisting of HP hoses. Connection M 22 x 1.5 m. Handle protection
Coupling Adapter hose extension 9 TR Connector	6	4.111-037.0					Adapter 9 to connect the new hose with the new hose
Screw socket for surface cleaners and Servo Control controllers	7	4.111-022.0					For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) - $1 \times M 22 \times 1.5/1 \times M 18 \times 1.5$ .
Y distributor	8	4.111-024.0					Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.
Short spray unit	9	4.111-038.0					For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.
EASY!Lock adapter		I	1	1 1			I
Adapter 1 M22AG-TR22AG	10	4.111-029.0					Adapter 1 to connect the old hose with the new hose
Adapter 2 M22IG-TR22AG	11	4.111-030.0					Adapter 2 to connect the old device with the new hose and the old gun with the new hose
Adapter 3 M22IG-TR22AG	12	4.111-031.0					Adapter 3 to connect the old gun with the new spray lance and new servo regulator
Adapter 4 TR22IG-D11	13	4.111-032.0					Adapter 4 to connect the new gun with the old swivel hose
Adapter 5 TR22IG-M22AG Adapter 6 TR22IG-M22AG	14 15	4.111-033.0					Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lance Adapter 6 to connect the new device with the old hose and the old hear with the survey are served.
Adapter 7 M18IG-TR20AG	16	4.111-035.0					the old hose with the new gun     Adapter 7 to connect the old spray lance with the new gun
Adapter 8 TR20IG-M18AG	17	4.111-036.0					Adapter 8 to connect the new spray lance with the old
Adapter 12 rotary coupling	18	4.111-046.0					nozzle         Rotatable adapter for connecting EASY!Force high-pressure         EASY!Force high-pressure
EASY!Lock 22 IG - M22 x 1.8 AG							gun and high-pressure hoses with M 22x1.5 connection
Flue pipe	10	4 656 149.0					Eluo and adapter with draught damper for flue pipe serves
Flue gas adapter	19 20	4.656-149.0 4.656-080.0					Flue gas adapter with draught damper for flue pipe connec- tion (adapter for HDS burners for connection to a stack system).

### KARCHER



		Order no.	Max. working pressure	Nozzle size	Diame- ter	Price	Description
Pipe cleaning hose, ID 6			-				
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	1	6.110-046.0	250 bar				The 10 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	2	6.110-008.0	250 bar				The 20 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).
Pipe cleaning hose, ID 6, 30 m, max. 250 bar	3	6.110-047.0	250 bar				The 30 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).
Pipe cleaning nozzle							
Pipe cleaning dirt blaster D21/040	4	4.765-001.0		40	21 mm		The forward-tilted rotating pencil jet removes the most
Pipe cleaning dirt blaster D30/040	5	4.765-004.0		40	30 mm		stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient han- dling.
Pipe cleaning nozzle 120	6	5.763-089.0		120	24 mm		Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.
Pipe cleaning nozzle	7	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet
	8	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.
	9	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.)
Rotating pipe cleaning nozzle	10	6.415-428.0		50	16 mm		Pipe cleaning nozzle with four rotating jets and inner thread. Different spray directions. The hose moves freely through the pipe. With R 1/8" connection.

### KARCHER



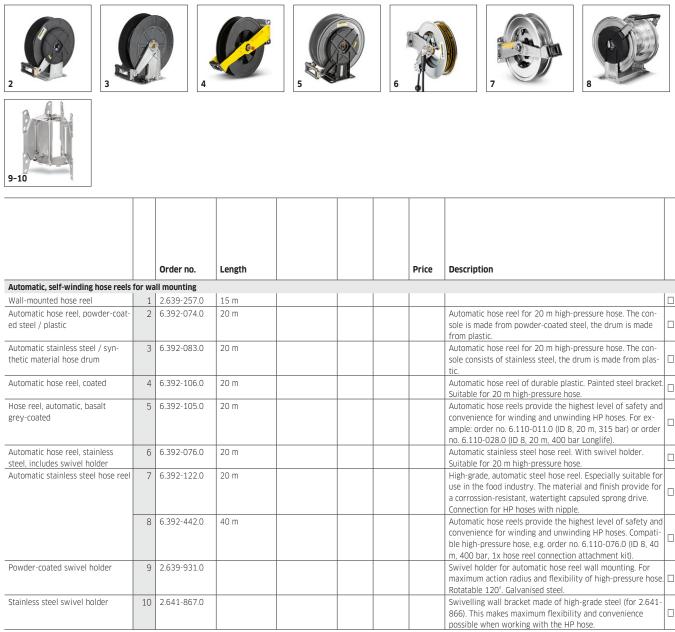
		Order no.	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FRV 30			-					
Hose fastening attachment kit	1	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	
Dirt trap attachment kit	2	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	
FR 30 Me surface cleaner								
Hard Surface Cleaner FR 30 Me	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 kits for FR	ł,							
Nozzle kit for surface cleaners	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 FR	v							
Nozzle kit 035 - for FRV	5	2.642-430.0		35			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
FRV 30 Me surface cleaner								
Extension hose FRV 30 Me and FRV 50 Me	6	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	
FRV 30 Me Surface Cleaner	7	2.111-012.0					Thanks to automatic suction of the dirty water, the stainless steel FRV 30 Me Surface Cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85°C.	



		Order no.	Flow rate			Price	Description
Cup foam lance			-	I			
Cup foam lance Basic 1	1	4.112-053.0	350-600 l/h				For high-pressure cleaners with a flow rate of 350–600 I/h: new, robust and very high-quality Basic 1 cup foam lance with outstanding foam quality while consuming half as much cleaning agent.
Cup foam lance Advanced 042	2	2.112-018.0					Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its com- pact design.
1-litre cleaning agent container for advanced foam lance	3	6.414-050.0					Additional 1-litre cleaning agent container for quick replace- ment of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).
Foam nozzle mounting kit							·
Foam nozzle attachment kit	4	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- tion times are necessary.

 $\blacksquare$  Included in the scope of supply.  $\hfill\square$  Available accessories.  $\hfill\blacksquare$  Extension hose.

### KÄRCHER





		Order no.	Nozzle size		Price	Description
Wet blasting attachment (without n	ozzle)					
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0				Paint, rust and scale removal made easy: Kärcher wet blast- ing attachment with flow control for adding blasting abra- sive 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 blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet. Without flow control.
Nozzle kits for wet jet unit						
Nozzle kit for wet jet unit 035	3	2.112-021.0	35			Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kårcher wet blasting attachment per- formance. Only in combination with wet blasting attachment 4.115-000.0   4.115-006.0.
Boron carbide nozzle						
Boron carbide nozzle, for ma- chines up to 1,000 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 the scope of supply.  $\Box$  Available accessories.  $\blacktriangle$  Extension hose.





			1	1			
		Order no.			Price	De- scrip- tion	
Geka coupling							
Geka connector with hose barb, R 1/2"	1	6.388-461.0				with hose liner	
Geka connector with hose barb, R 3/4"	2	6.388-455.0				with hose liner	
Geka connector with hose barb, R 1"	3	6.388-465.0				with hose barb	
Suction filter					·		
Water suction filter	4	6.414-956.0				Suitable for ponds, storage tanks or polyam- ide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connec- tion, without non-re- turn valve	
Suction filter with check valve	5	4.730-012.0				Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	

		Order no.		Price	De- scrip- tion	
Water fine filter			1	1		
Water fine filter, with adapter	6	4.730-102.0			Fine- mesh water filter, 125 µm, max. temper- ature 50°C. Protects the	
Water supply hose						
Water supply hose	7	4.440-038.0			NW 13 R1" / R 3/4", up to 30 °C	
	8	4.440-207.0			NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
Backflow check valve						
Backflow preventer	9	2.641-374.0			To pre- vent deter- gent getting into the drinking water cycle in case of inlet at	
Other HP Accessories						
Starting current limiter	10	2.637-495.0			Reduces starting current in sin- gle- phase supply and protects line fuse.	



		Order no.	Flow rate		Price	Description
Push-on washing brush						
Push-on wash brush	1	4.762-497.0				The wash brush is fitted directly onto the devices' new dual and triple nozzles using clamping.
	2	4.113-001.0				For general-purpose cleaning of all surfaces. Clamps directly onto the spray lance. Connection M 18 x 1.5
Rotating washing brush						
Rotating wash brush for < 800 l/h machines, nylon bristles	3	4.113-004.0	500-800 l/h			The rotating wash brush gently removes fine dust and traf- fic film from all surfaces. Temperature resistant up to $60^{\circ}$ C. (M 18 x 1.5, replaceable brush insert).
Rotating wash brush for < 800 l/h machines, natural bristles	4	4.113-003.0	500-800 l/h			Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert).