



#### **HD 728 B Cage**

Portable cold water high-pressure cleaner with petrol engine for different cleaning sites.







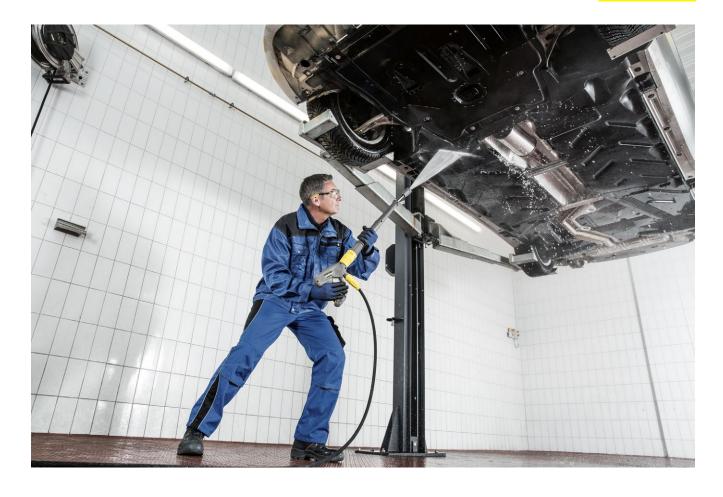


#### 1 For the toughest jobs

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

## **TECHNICAL DATA AND EQUIPMENT**





#### HD 728 B Cage

- Robust, powder-coated tubular frame
- Portable
- Stainless steel lance

Technical data		
Order no.		1.187-908.0
EAN code		4054278297750
Working pressure	bar / MPa	150 / 15
Max. pressure	bar / mbar	160 / 16
Flow rate	l/h	650
Max. inlet temperature	°C	60
Motor type		GX 160 / gasoline
Engine manufacturer		Honda
Motor rating	kW / hp	4 / 5.5
Weight	kg	35.5
Dimensions (L × W × H)	mm	570 × 434 × 430

Equipment		
Spray gun		EASY!Force Advanced
High-pressure hose	m	10
Spray lance	mm	600
Triple nozzle (0°/25°/40°)		Manual
Cage frame		
Anti-twist system (AVS)		-
Electro start		-
Enclosed tubular frame construction with integrated crane attachment poin	t	
Quick Connect Kärcher standard noz- zles		-
Servo Control		-
Vario Power spray lance		-

■ Included in the scope of supply.





















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			Max. working				
	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 with innovative EASY!Lock hand screw connection at both ends, ANTI!Twist, 10 m long.	•
2	6.110-030.0	ID 8	315 bar	15 m		15 m long high-pressure hose, ID 8, with ANTI!Twist at both ends with time-saving EASY!Lock hand screw connection.	•
3	6.110-032.0	ID 8	315 bar	20 m		High-pressure hose (ID 8), 20 m long, with time-saving and 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		Convenient length (30 m) and innovative EASY!Lock hand screw connection: high-pressure hose (ID 8) with ANTI!Twist for up to 315 bar pressure.	t 🛕
5	6.110-042.0	ID 10	220 bar	15 m		With innovative EASY!Lock hand screw connection for up to 220 bar pressure: 15 m long high-pressure hose (ID 10).	)
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 screw connection at both ends.	
7	6.110-044.0	ID 10	220 bar	25 m		Impressive values and basic equipment: high-pressure hose, (ID 10), 25 m long, for up to 220 bar pressure.	, •
8	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.	•
9	6.110-060.0	ID 12	210 bar	40 m		working radius: high-pressure hose (ID 12) with EASY!Lock hand screw connection at both ends. Suitable for up to 250	
10	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.	
11	6.110-034.0	ID 6	250 bar	10 m		High-pressure hose, 10 m long with EASY!Lock hand screw connection at both ends. ID 6, suitable for up to 250 bar.	•
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.	
des			1				
13	6.110-023.0	ID 8	400 bar	30 m		Durable high-pressure hose with double steel reinforcement ANT!!Twist and EASY!Lock hand screw connection at both ends. ID 8, 30 m long, for up to 400 bar pressure.	t,
14	6.110-027.0	ID 8	400 bar	20 m			
15	6.110-029.0	ID 8	400 bar	15 m		The double steel reinforcement ensures a long lifetime of	) <b>A</b>
16	6.110-024.0	ID 8	400 bar	1.5 m		1.5 m short high-pressure hose (ID 8). With convenient EASY!Lock hand screw connection at both ends for robust and fast connections. Durable, for up to 400 bar pressure.	
17	6.110-069.0	ID 8	400 bar	1.5 m		High-pressure hose (ID 8) with double steel reinforcement, 30 m long, suitable for up to 400 bar pressure. Connectors: M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.	
18	6.110-038.0	ID 8	400 bar	10 m		Durable, 10 m long high-pressure hose (ID 8) with double steel reinforcement and EASY!Lock hand screw connection at both ends and ANTI!Twist. Approved for 400 bar pressure.	
	1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 12 15 16 17	1 6.110-031.0  2 6.110-030.0  3 6.110-032.0  4 6.110-014.0  5 6.110-042.0  6 6.110-043.0  7 6.110-044.0  8 6.110-059.0  9 6.110-060.0  10 6.110-031.0  11 6.110-031.0  des  13 6.110-023.0  14 6.110-027.0  15 6.110-024.0  17 6.110-069.0	1 6.110-031.0 ID 8  2 6.110-030.0 ID 8  3 6.110-032.0 ID 8  4 6.110-014.0 ID 8  5 6.110-042.0 ID 10  6 6.110-043.0 ID 10  7 6.110-044.0 ID 10  8 6.110-059.0 ID 12  9 6.110-060.0 ID 12  10 6.110-031.0 ID 6  11 6.110-031.0 ID 6  12 6.110-035.0 ID 6  14 6.110-027.0 ID 8  15 6.110-029.0 ID 8  16 6.110-024.0 ID 8	Order no.         ID         pressure           1         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         6.110-044.0         ID 10         220 bar           8         6.110-059.0         ID 12         210 bar           9         6.110-060.0         ID 10         220 bar           10         6.110-041.0         ID 10         220 bar           11         6.110-034.0         ID 6         250 bar           12         6.110-035.0         ID 6         250 bar           14         6.110-023.0         ID 8         400 bar           15         6.110-029.0         ID 8         400 bar           16         6.110-024.0         ID 8         400 bar           17         6.110-069.0         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         6.110-044.0         ID 10         220 bar         15 m           5         6.110-042.0         ID 10         220 bar         25 m           6         6.110-043.0         ID 10         220 bar         25 m           8         6.110-044.0         ID 10         220 bar         15 m           9         6.110-059.0         ID 12         210 bar         40 m           10         6.110-041.0         ID 10         220 bar         10 m           11         6.110-034.0         ID 6         250 bar         10 m           12         6.110-035.0         ID 6         250 bar         10 m           14         6.110-023.0         ID 8         400 bar         20 m           15         6.110-029.0         ID 8         400 bar         15 m           16         6.110-069.0         ID 8         400 bar         1.5 m	Order no.         ID         pressure         Length         Price           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         6.110-042.0         ID 10         220 bar         15 m           5         6.110-042.0         ID 10         220 bar         20 m           7         6.110-043.0         ID 10         220 bar         25 m           8         6.110-044.0         ID 12         210 bar         15 m           9         6.110-059.0         ID 12         210 bar         40 m           10         6.110-060.0         ID 12         210 bar         10 m           11         6.110-034.0         ID 6         250 bar         10 m           12         6.110-035.0         ID 6         250 bar         10 m           14         6.110-023.0         ID 8         400 bar         20 m           15         6.110-029.0         ID 8         400 bar         15 m           16         6.110-024.0         ID 8         400 bar         1.5 m <td>                                     </td>	







		Order no.	ID	Max. working pressure	Length	Price	Description
Longlife food design with screw co	nnectio	ons at both ends					
Longlife 400 high-pressure hose, food grade, 2 x EASY!Lock, DN 8, 10 m, ANTI!Twist	19	6.110-053.0	ID 8	400 bar	10 m		With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, AN-TI!Twist and EASY!Lock hand screw connection at both ends.
Special hoses							
High-pressure hose, 1 x curved EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	20	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 connection. 1.5 m long, suitable for up to 400 bar working pressure.

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.















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		Order no.	Flow rate			Price	Description
Trigger guns		I.		ı	I.		
EASY!Force Advanced	1	4.118-005.0					Effortless, not energy-sapping: the EASY!Force high-pressure 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		1	1		ı		
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					Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.































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		Order no.	Max. working pressure	Length			Price	Description
Rotating spray lances		·	<u>'</u>	'				
600 mm spray pipe, rotatable	1	4.112-007.0	300 bar	600 mm				600 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	4	4.112-024.0	300 bar	400 mm				
Spray lance, 840 mm, rotating	5	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.
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. Specially shaped for effective and hygienic cleaning of gutters and toilets.
Flexible spray lance								
Flexible lance 1050 mm	12	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.
TR 20 articulated joint	13	4.112-057.0	300 bar					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 cleaning areas that are difficult to reach, such as ceilings or facades. With integrated HD trigger gun, M 22 x 1.5 connection 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 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	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.

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.





		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.

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.





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		Order no.	Nozzle size			Price	Description
Power nozzle spray angle 25°							
Power nozzle 25° - 038	1	2.113-006.0	38				Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.
HP nozzle spray angle 0°							
High-pressure nozzle 0° - 040	2	2.113-001.0	40				High-pressure nozzle with powerful jet for extremely stubborn dirt.
Power nozzle spray angle 15°							
Power nozzle 15° - 038	3	2.113-044.0	38				Flat jet nozzle for stubborn dirt.
Power nozzle spray angle 40°							
Power nozzle 40° - 040	4	2.113-003.0	40				Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.









Dist Blactor small		Order no.	Max. working pressure	Nozzle size		Price	Description
Dirt Blaster, small			1	l .			1
Dirt blaster, small 040	1	4.114-020.0	180 bar	40			With rotating point jet for more efficient removal: the new performance dirt blaster with nozzle size 040 achieves up to 50% higher cleaning and area performance than its predecessor.
Dirt blaster, large							
Dirt blaster, large 040	2	4.114-041.0	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.
Triple nozzles							
Triple nozzle 038	3	4.117-032.0	300 bar	38			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.

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.































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		Order no.				Price	Description	
Nozzle union								
Nozzle screws	1	4.112-011.0					Nozzle screws with protectors for high-pressure and power nozzles	r
Cleaning agent injector								
Cleaning agent injector for high and low pressure (without nozzles)		4.637-032.0					Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	[
Cleaning agent injector for high pressure (without nozzle)	3	4.637-033.0					Cleaning agent dosage at high pressure 3 - 5 %	1
Machine-specific nozzle kit with o	der no	. 4.637-033.0		,				Ļ
Nozzle kit HD 500-700 l/h	4	4.769-005.0					For HD 500 - 700 l/h. Consists of nozzle insert + HP power	[
	5	4.769-045.0					nozzle + union	[
Nozzle insert with order no. 4.637	1			1				
Nozzle insert up to 1,100 l/h - high pressure	6	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 pressure	7	4.769-001.0					For low pressure with machines up to 1.100 l/h	[
Rotary coupling					•			
Rotary coupling	8	4.111-021.0					Reliably prevents twisting of HP hoses. Connection M 22 x 1.5 m. Handle protection	1
Coupling				,				l,
Adapter hose extension 9 TR	9	4.111-037.0					Adapter 9 to connect the new hose with the new hose	[
Connector			,	1				Ļ
Screw socket for surface cleaners and Servo Control controllers	10	4.111-022.0					For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) - $1 \times M 22 \times 1.5/1$ M $18 \times 1.5$ .	
Y distributor	11	4.111-024.0					Offers the option to connect two spray units to the machine Installation on the high pressure outlet.	e.
Short spray unit	12	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								
Adapter 1 M22AG-TR22AG	13	4.111-029.0					Adapter 1 to connect the old hose with the new hose	[
Adapter 2 M22IG-TR22AG	14	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	15	4.111-031.0					Adapter 3 to connect the old gun with the new spray lance and new servo regulator	[
Adapter 4 TR22IG-D11	16	4.111-032.0					Adapter 4 to connect the new gun with the old swivel hose	
Adapter 5 TR22IG-M22AG	17	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 TR22IG-M22AG	18	4.111-034.0					Adapter 6 to connect the new device with the old hose and the old hose with the new gun	
Adapter 7 M18IG-TR20AG	19	4.111-035.0					Adapter 7 to connect the old spray lance with the new nozzle	1
Adapter 8 TR20IG-M18AG	20	4.111-036.0					Adapter 8 to connect the new spray lance with the old nozzle	[
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 x 1.8 AG	21	4.111-046.0					Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	. [

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.

















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		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 pressure 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 pressure 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 pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	
Pipe cleaning hose, ID 6, 10 m, max. 140 bar	4	6.110-048.0	140 bar				10 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning hose, ID 6, 20 m, max. 140 bar	5	6.110-049.0	140 bar				The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	
Pipe cleaning hose, ID 6, 30 m, max. 140 bar	6	6.110-050.0	140 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning nozzle								
Pipe cleaning dirt blaster D21/040	7	4.765-001.0		40	21 mm			
Pipe cleaning dirt blaster D30/040	8	4.765-004.0		40	30 mm		stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.	
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		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	12	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.	

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.





















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		Order no.	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FRV 30								
Rubber lip for FRV 30	1	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	2	4.440-939.0					5m extension hose for FRV 30. Connection sleeve included.	
Hose fastening attachment kit	3	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	
Dirt trap attachment kit	4	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	
FRV 30 Surface Cleaner	5	2.111-010.0					With the integrated, automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient and can be used in both inside and outside areas. There is no longer a need to rinse the surface after cleaning, since the dirty water can be discharged through the 5 m suction hose supplied. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1000 l/h / 60°C.	
Hard surface cleaner FR 30								
FR 30 Surface Cleaner	6	2.111-011.0			300 mm		Up to 10 times greater area performance compared with the conventional high-pressure jet. Plastic casing for optimal manoeuvrability, double ceramic bearing for long working times, flexible connection joint for optimal handling and integrated parking position. Machine-specific nozzle kit mus be ordered separately. Max. 180 bar / 850 l/h / 60°C.	
FR 30 Me surface cleaner								
Hard Surface Cleaner FR 30 Me	7	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 FF Nozzle kit for surface cleaners		2.640-401.0	500-650 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (500 to 650 l/h).	
Machine-specific nozzle kits for FF	DV/						Surface cleaners (500 to 650 l/ll).	_
Nozzle kit 040 - for FRV	1	2.642-431.0		40			Machine-specific nozzle kit Kärcher power nozzles and jet nozzle for FRV 30.	
FRV 30 Me surface cleaner								
Extension hose FRV 30 Me and FRV 50 Me	10	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	
FRV 30 Me Surface Cleaner	11	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.	

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.

















		Order no.	Flow rate		Price	Description
Cup foam lance						
Cup foam lance Basic 2	1	4.112-054.0	700-800 l/h			Newly developed, very robust Basic 2 cup foam lance especially for high-pressure cleaners with a flow rate of 700–800 l/h. For excellent foam quality with half the cleaning agent consumption.
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 compact design.
1-litre cleaning agent container for advanced foam lance	3	6.414-050.0				Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).
Inno Foam Kit						
Inno Foam Set with detergent injector	4	2.112-000.0				High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.
Easy Foam Set						
Easy Foam Set with RM injector	5	2.112-010.0				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 Set						
Nozzle kit 060 for Inno / Easy Set 600-700 l/h	6	2.111-018.0	600-700 l/h			Optimal adaptation to different machine outputs for economic use.
Foam nozzle mounting kit		1				
Foam nozzle attachment kit	7	2.112-013.0				Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long application times are necessary.

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.



















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		Oudov no	Length				Price	Description	
		Order no.	Length				Price	Description	_
Automatic, self-winding hose reels			1	_	1	ı		1	
Wall-mounted hose reel	1	2.639-257.0	15 m						
Automatic hose reel, powder-coated steel / plastic	2	6.392-074.0	20 m					Automatic hose reel for 20 m high-pressure hose. The con- sole is made from powder-coated steel, the drum is made from plastic.	
Automatic stainless steel / syn- thetic material hose drum	3	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.	
Automatic hose reel, coated	4	6.392-106.0	20 m					Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	
Hose reel, automatic, basalt grey-coated	5	6.392-105.0	20 m					Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. For example: order no. 6.110-011.0 (ID 8, 20 m, 315 bar) or order no. 6.110-028.0 (ID 8, 20 m, 400 bar Longlife).	
Automatic hose reel, stainless steel, includes swivel holder	6	6.392-076.0	20 m					Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
Automatic stainless steel hose reel	7	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.	
	8	6.392-442.0	40 m					Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. Compatible high-pressure hose, e.g. order no. 6.110-076.0 (ID 8, 40 m, 400 bar, 1x hose reel connection attachment kit).	
Powder-coated swivel holder	9	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.	
Stainless steel swivel holder	10	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.	

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.









		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: Kārcher 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: Karcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet. Without flow control.	
Nozzle kits for wet jet unit							
Nozzle kit for wet jet unit 040	3	2.112-019.0	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 4.115-000.0   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.	

<sup>■</sup> Included in the scope of supply. □ Available accessories. ▲ Extension hose.











Geka coupling		Order no.		Price	De- scrip- tion	
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 inner thread, R 3/4"	3	6.388-473.0			with female thread	
Water suction filter	4	6.414-956.0			Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve	
Suction filter with check valve	5	4.730-012.0			Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	

<sup>■</sup> Included in the scope of supply. □ Available accessories. ▲ Extension hose.









		Order no.			Price	De- scrip- tion	
Water fine filter							
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			I .			tite	
Water supply hose	7	4.440-038.0				NW 13 R1" / R 3/4", up to 30 °C	
Backflow check valve		'	1	1			
Backflow preventer	8	2.641-374.0				To prevent detergent getting into the drinking water cycle in case of inlet at	

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.











		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 traffic film from all surfaces. Temperature resistant up to $60^{\circ}$ C. (M $18 \times 1.5$ , 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).

<sup>■</sup> Included in the scope of supply. 

Available accessories. 

Extension hose.