



HD 9/23 G

With this petrol-powered cold water high-pressure cleaner with Honda petrol engine, you can work independently and conveniently while staying mobile - even under adverse external conditions.



2-3 h



SERVO CONTROL



FLAT FREE TIRES



EASY!Force

1 Maximum independence

2 Optimum ease of use



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■ Automatic speed reduction

Technical data

Order no.	1.187-906.0	
EAN code	4054278210575	
Working pressure	bar / MPa	40-230 / 4-23
Flow rate	l/h	400-930
Max. feed temperature	°C	60
Engine type	GX 390/Petrol	
Engine manufacturer	Honda	
Motor rating	kW / hp	9.5 / 13
Weight	kg	75.5
Dimensions (L × W × H)	mm	866 × 722 × 1146

Equipment

Spray gun	EASY!Force Advanced	
High-pressure hose	m	15 / DN 8, 315 bar
Spray lance	mm	1050
Anti-twist system	-	
Infinitely variable pressure and water flow regulation	■	
Electric starter	-	
Servo control	■	

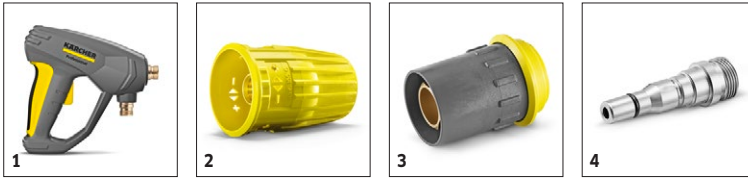


	Order no.	ID	Max. working pressure	Length		Price	Description		
Standard with unions on both sides									
High-pressure hose, 10 m, ID 8, AVS trigger gun connector	1	6.110-031.0	ID 8	315 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	▲	
High-pressure hose, 20 m, ID 8, AVS trigger gun connector	2	6.110-032.0	ID 8	315 bar	20 m		20 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	▲	
High-pressure hose, 15 m, ID 8, AVS trigger gun connector	3	6.110-030.0	ID 8	315 bar	15 m		15 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	■	
Longlife 400 with unions on both sides									
High-pressure hose Longlife 400, 30 m, ID 8, including rotary coupling	4	6.110-023.0	ID 8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	▲	
High-pressure hose Longlife 400, 20 m, ID 8, extension	5	6.110-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5	▲	
High-pressure hose Longlife 400, 15 m, ID 8, including rotary coupling	6	6.110-029.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	▲	
High-pressure hose 1.5 m, ID 8, including connectors	7	6.110-024.0	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 reels with appropriate connector (M 22 x 1.5).	□	
	8	6.110-069.0	ID 8	400 bar	1.5 m			□	
Longlife 400 high-pressure hose, 10 m, DN 8,	9	6.110-038.0	ID 8	400 bar	10 m			□	
Longlife food design with screw connections at both ends									
High pressure hose food ID 8, 10 m	10	6.110-053.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außendicke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1.5	▲	
Special hoses									
High-pressure hose 1.5 m, ID 8, including connectors, outlet bend	11	6.110-068.0	ID 8	400 bar	1.5 m			□	

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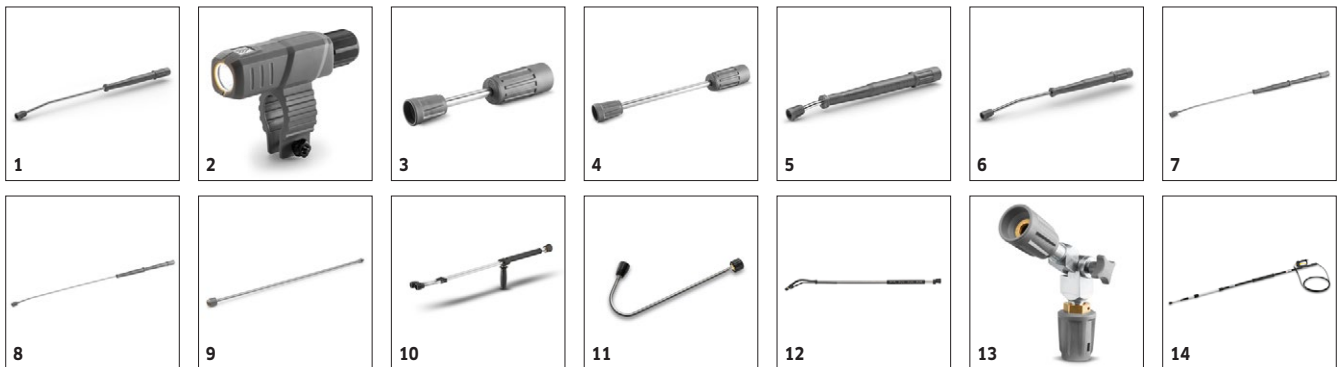


		Order no.	Flow rate				Price	Description	
Trigger guns									
Extended Easy Press trigger gun	1	4.118-005.0						Extended easy press high-pressure trigger gun for high-pressure hoses with rotating connector.	■
Servo control									
Servo control	2	4.118-008.0	750-1100 l/h						■
Quick connect									
Quick-fitting pipe union coupler trapezo	3	2.115-000.0							□
Quick-fitting pipe union plug nipple tra	4	2.115-001.0							□

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		Order no.	Max. working pressure	Length		Price	Description	
Rotating spray lances								
1050 mm spray pipe, rotatable	1	4.112-000.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
Nozzle light	2	2.680-002.0		125 mm				□
250 mm lance, non-rotatable	3	4.112-027.0	300 bar	250 mm				□
550 mm lance, non-rotatable	4	4.112-024.0	300 bar	400 mm				□
600 mm spray pipe, rotatable	5	4.112-007.0	300 bar	600 mm			600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
850 mm spray pipe, rotatable	6	4.112-006.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
1550 mm spray pipe, rotatable	7	4.112-018.0	300 bar	1550 mm			1550 mm stainless steel lance (manual coupling) with ergonomic 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 ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Jet pipe extension TR 1000 mm	9	4.112-048.0	300 bar	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.	□
Articulated joint TR 20	13	4.112-057.0	300 bar					□
Telescopic spray lance								
Telescopic spray pipe	14	4.112-037.0	225 bar	5400 mm				□
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.	□
Zusatzhandgriff								
	18	4.321-380.0						□

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		Order no.	Nozzle size				Price	Description	
Power nozzle spray angle 25°									
	1	2.113-010.0	48						■
Nozzle chemical TR for replacement 25250	2	2.113-020.0	250						■
Power nozzle spray angle 15°									
Power nozzle spray angle 15°	3	2.113-047.0	55					Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	□
Power nozzle spray angle 40°									
Power nozzle spray angle 40°	4	2.113-054.0	50					Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	□
HP nozzle spray angle 0°									
High-pressure nozzle with 0° spray angle	5	2.113-034.0	50					High-pressure nozzle with powerful jet for extremely stubborn dirt.	□

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		Order no.	Max. working pressure	Nozzle size		Price	Description	
Dirt blaster, large								
Dirt blaster - not switchable	1	4.114-027.0	300 bar	50			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.	<input type="checkbox"/>
Triple nozzles								
Triple nozzle 050	2	4.117-037.0	300 bar	50			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For water blasters with injector; low-pressure fan jet for detergent removal and application. Connector M 18x1.5.	<input type="checkbox"/>
Angled vario nozzle 0-90°								
Spezial nozzle 0005	3	4.113-007.0		50			Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.	<input type="checkbox"/>

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		Order no.					Price	Description	
Nozzle union									
Protection part TR only for replacement	1	4.112-011.0							<input type="checkbox"/>
Cleaning agent injector									
Cleaning agent injector for high and low pressure (without nozzles)	2	4.637-032.0						Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	<input type="checkbox"/>
Cleaning agent injector for high pressure (without nozzle)	3	4.637-033.0						Cleaning agent dosage at high pressure 3 - 5 %	<input type="checkbox"/>
Machine-specific nozzle kit with order no. 3.637-170.0									
Nozzle insert trapezoidal thread HDS-GER	4	4.769-011.0							<input type="checkbox"/>
Nozzle insert with order no. 3.637-001.0									
Nozzle insert with order no. 3.637-001.0, high pressure for machines up to 1,100 l/h	5	4.769-003.0						Nozzle insert for detergent injector 3.637-001 for high-pressure detergent application. For water blasters with a water flow rate up to 1100 l/h.	<input type="checkbox"/>
Nozzle insert with order no. 3.637-001, low pressure for devices up to 1,100 l/h	6	4.769-001.0						For low pressure with machines up to 1.100 l/h	<input type="checkbox"/>
Rotary coupling									
Rotary coupling	7	4.111-021.0						Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.	<input type="checkbox"/>
Coupling									
Coupler -2xM22x1,5	8	4.111-037.0						Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.	<input type="checkbox"/>
Connector									
Nozzle screws / screw socket	9	4.111-022.0						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.	<input type="checkbox"/>
	10	4.111-038.0							<input type="checkbox"/>
Adapter EASY!Lock									
Adapter 1 M22AG-TR22AG	11	4.111-029.0							<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	12	4.111-030.0							<input type="checkbox"/>
Adapter 3 M22IG-TR22AG	13	4.111-031.0							<input type="checkbox"/>
Adapter M 22 - Swivel	14	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.	<input type="checkbox"/>
Adapter 5 TR22IG-M22AG	15	4.111-033.0							<input type="checkbox"/>
Adapter 6 TR22IG-M22AG	16	4.111-034.0							<input type="checkbox"/>
Adapter 7 M18IG-TR20AG	17	4.111-035.0							<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	18	4.111-036.0							<input type="checkbox"/>
ADAPTER for replacement TR22IG-M22AG Er	19	4.111-046.0							<input type="checkbox"/>

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		Order no.	Max. working pressure	Nozzle size	Diameter		Price	Description	
Pipe cleaning hose, ID 6									
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar						<input type="checkbox"/>
Pipe cleaning hose, NW 6, 20 m, 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).	<input type="checkbox"/>
Hose assembly TR pipe cleaning DN6 max.2	3	6.110-047.0	250 bar						<input type="checkbox"/>
Pipe cleaning nozzle									
Dirt blaster pipe cleaning D21/060	4	4.765-002.0		60	21 mm				<input type="checkbox"/>
Dirt blaster pipe cleaning D30/060	5	4.765-005.0		60	30 mm				<input type="checkbox"/>
Pipe cleaning nozzle	6	5.763-015.0		55	16 mm			16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
	7	5.763-016.0		60	16 mm				<input type="checkbox"/>
	8	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.)	<input type="checkbox"/>
Rotating pipe cleaning nozzle	9	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.	<input type="checkbox"/>
Pipe cleaning dirt blaster D 25 / 060	10	6.415-945.0		60	25 mm			The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.	<input type="checkbox"/>
Pipe cleaning dirt blaster D 30 / 060	11	6.415-947.0		60	30 mm				<input type="checkbox"/>
Pipe cleaning dirt blaster D 35 / 060	12	6.415-949.0		60	35 mm				<input type="checkbox"/>

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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.	<input type="checkbox"/>
Extension hose 5 m	2	4.440-939.0					5m extension hose for FRV 30. Connection sleeve included.	<input type="checkbox"/>
ABS hose fastening	3	2.642-528.0						<input type="checkbox"/>
ABS dirt trap	4	2.642-532.0						<input type="checkbox"/>
FRV 30 surface cleaner	5	2.111-010.0						<input type="checkbox"/>
FR 30 Me surface cleaner								
Hard surface cleaner FR 30 Me	6	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.	<input type="checkbox"/>
Hard Surface Cleaner FR 50								
Hard surface cleaner FR 50	7	2.111-023.0			500 mm		Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas. With double ceramic bearings, push handle, non-marking swivel castors and detergent dosing system.	<input type="checkbox"/>
Machine-specific nozzle kits for FR								
Nozzle kit for surface cleaners	8	2.640-442.0	850-1100 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).	<input type="checkbox"/>
Machine-specific nozzle kits for FRV								
Nozzle kit 050 - for FRV 30	9	2.642-433.0		50				<input type="checkbox"/>
FRV 30 Me surface cleaner								
FRV 30 Me extension hose	10	4.441-040.0						<input type="checkbox"/>
FRV 30 Me	11	2.111-012.0						<input type="checkbox"/>
Surface Cleaner FR 50 Me								
	12	2.111-024.0						<input type="checkbox"/>

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		Order no.	Flow rate				Price	Description	
Cup foam lance									
Foam lance TR	1	4.112-055.0	900-2500 l/h						<input type="checkbox"/>
Packing complete for 6.394-968.0	2	2.112-017.0							<input type="checkbox"/>
Tank grey only for replacement 1L	3	6.414-050.0							<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
Nozzle kits for Inno/Easy Foam Set									
Nozzle kit 090 for Inno / Easy Set 700-1,000 l/h	6	2.111-019.0	700-1000 l/h					Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 l/h. For optimal foam system performance.	<input type="checkbox"/>
Foam nozzle mounting kit									
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.	<input type="checkbox"/>

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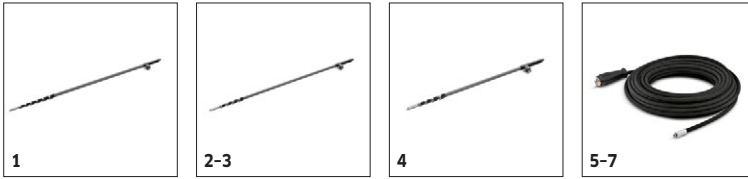


		Order no.	Length				Price	Description	
Manual hose reel attachment kit									
Add-on kit hose reel	1	2.110-004.0	30 m						<input type="checkbox"/>
Automatic, self-winding hose reels									
Automatic hose reel, powder-coated steel / plastic	2	6.392-074.0	20 m					Automatic hose reel for 20 m high-pressure hose. The console is made from powder-coated steel, the drum is made from plastic.	<input type="checkbox"/>
Automatic stainless steel / synthetic 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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
	5	6.392-105.0	20 m						<input type="checkbox"/>
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.	<input type="checkbox"/>
ABS automatic stainless steel hose drum	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 corrosion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	<input type="checkbox"/>
Add-on kit hose reel TR 40m	8	6.392-442.0	40 m						<input type="checkbox"/>
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.	<input type="checkbox"/>
ABS pivoting stainless steel wall bracket	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.	<input type="checkbox"/>

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		Order no.	Flow rate	Feed temperature	Length	Length	Price	Description	
Solar cleaning - telescopic lances									
iSolar TL 14 C (without hose)	1	4.110-002.0		max. 60 °C				Full carbon telescopic rod for maximum rigidity with minimal weight. With 14 m max. reach and practical quick-release couplings for easy extension and retraction.	<input type="checkbox"/>
iSolar TL 10 C (without hose)	2	4.110-007.0		max. 60 °C					<input type="checkbox"/>
iSolar TL 10 H (without hose)	3	4.110-003.0		max. 60 °C				Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 10 m max. reach and practical quick-release couplings for easy extension and retraction.	<input type="checkbox"/>
iSolar TL 7 H (without hose)	4	4.110-004.0		max. 60 °C				Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 7.2 m max. reach and practical quick-release couplings for easy extension and retraction.	<input type="checkbox"/>
iSolar HP hose 7	5	6.392-978.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	<input type="checkbox"/>
iSolar HP hose 10	6	6.392-977.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	<input type="checkbox"/>
iSolar HP hose 14	7	6.392-976.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	<input type="checkbox"/>

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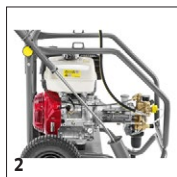


		Order no.	Nozzle size				Price	Description	
Wet blasting attachment (without nozzle)									
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0						Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.	<input type="checkbox"/>
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0						Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet. Without flow control.	<input type="checkbox"/>
Nozzle kits for wet jet unit									
Nozzle pack TR wet jet set 0050	3	2.112-023.0	50						<input type="checkbox"/>
Boron carbide nozzle									
Boron carbide nozzle, for machines 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.	<input type="checkbox"/>

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		Order no.					Price	Description	
Y distributor									
Y distributor	1	4.111-024.0							<input type="checkbox"/>
Cage frame attachment kit									
Add-on kit frame Cage breit	2	2.637-007.0							<input type="checkbox"/>

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		Order no.	Length	Diameter		Price	Description	
Geka coupling								
Geka connector with hose barb, R 3/4"	1	6.388-455.0					with hose liner	<input type="checkbox"/>
Hose coupling	2	6.388-458.0					with female thread	<input type="checkbox"/>
Suction filter								
Water suction filter	3	6.414-956.0						<input type="checkbox"/>
Suction filter with check valve	4	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	<input type="checkbox"/>
Water fine filter								
Water fine filter, with adapter	5	4.730-102.0					Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the water blaster from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".	<input type="checkbox"/>
Water supply hose								
Water supply hose	6	4.440-038.0	7.5 m				NW 13 R1" / R 3/4", up to 30 °C	<input type="checkbox"/>
Backflow check valve								
Backflow preventer	7	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	<input type="checkbox"/>

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		Order no.	Flow rate				Price	Description	
Push-on washing brush									
Push-on washing brush	1	4.113-001.0						Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	<input type="checkbox"/>
Rotating washing brush									
Rotating washing brush for > 800 l/h machines	2	4.113-002.0	800-1300 l/h						<input type="checkbox"/>
	3	4.113-005.0	800-1300 l/h						<input type="checkbox"/>

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