

### HD 9/23 G

With the HD 9/23 G petrol-powered cold water pressure washer with Honda petrol engine, you can work independently and conveniently while staying mobile – even under adverse external conditions.

















#### 1 Maximum independence

- Fitted with a reliable Honda or Yanmar motor for use without an external power supply.
- Can suck up water e.g. from lakes or ponds and use it for cleaning.

### 2 Optimum ease of use

- The ergonomic frame concept makes transport on uneven ground easier
- Storage options for all accessory parts directly on the machine.

#### 3 Highly versatile

- Optional cage frame with eyelets for crane loading and reliable protection of the machines.
- Hose reel attachment kit for shorter set-up available as an optional extra.

### 4 For the toughest jobs

- Robust basic frame for daily use in tough conditions.
- Large water filter to protect the pump.

# **TECHNICAL DATA AND EQUIPMENT.**





#### HD 9/23 G

- Servo Control function on the high pressure lance allows variable water pressure and water flow
- Automatic speed reduction
- Puncture proof wheels for maximum mobility

Technical data		
Order Number		1.187-906.0
EAN code		4054278210575
Operating pressure	bar / MPa	40 - up to 230 / 4 - up to 23
Max. Pressure	bar / MPa	270 / 27
Flow Rate	l/h	400 - 930
Max. water feed temperature	°C	60
Engine type		GX 390/Petrol
Engine manufacturer		Honda
Power Rating	kW / hp	9,5 / 13
number of simultaneous users		1
Weight	kg	75,5
Dimensions (L x W x H)	mm	866 × 722 × 1146

Equipment		
Trigger gun		EASY!Force Advanced
High-pressure hose	m	15 / Premium quality / ID 8, 315 bar
Spray lance	mm	1050
Anti-twist system (AVS)		-
Infinitely variable pressure and water flow control on the unit		•
Electric starter		-
		Suction
Servo Control		

■ Included in delivery.























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				Many supplies				
		Order Number	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose, 10 m DN 8,	1	6.110-031.0	8	315 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection.	Т
AVS trigger gun connector							With patented rotating AVS trigger gun connector and manu	
							al coupling. Further data: DN 8/155°C/315 bar.	$\perp$
High-pressure hose, 20 m DN 8,	2	6.110-032.0	8	315 bar	20 m		20 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector							With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	i- 🔺
High-pressure hose, 15 m DN 8,	3	6.110-030.0	8	315 bar	15 m		15 m high-pressure hose (M 22 x 1.5) with kink protection.	+
AVS trigger gun connector		0.110 030.0	0	313 501	15 111		With patented rotating AVS trigger gun connector and manu	J- <b>I</b>
							al coupling. Further data: DN 8/155°C/315 bar.	$\perp$
High-pressure hose, 30 m DN 8,	4	6.110-014.0	8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	
including rotary coupling								
Longlife 400 with unions on both si			-	1	l	ı	1	
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup-	5	6.110-023.0	8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	<b>A</b>
ling								1
High-pressure hose Longlife 400,	6	6.110-027.0	8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5	Τ.
20 m, DN 8, extension							, , , , , , , , , , , , , , , , , , ,	<b>A</b>
High-pressure hose Longlife 400,	7	6.110-029.0	8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	
15 m, DN 8, including rotary coup-								<b>A</b>
ling High-pressure hose 1.5 m, DN 8,	8	6.110-024.0	8	400 bar	1,5 m		1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink pro-	+
including connectors	8	6.110-024.0	0	400 Ddl	1,5 111		tection and connectors at both ends. For connecting to hose	٦,
meloding connectors							reels with appropriate connector (M 22 x 1.5).	-
Longlife 400 high-pressure hose, 1	9	6.110-069.0	8	400 bar	1,5 m		High-pressure hose (ID 8) with double steel reinforcement,	Т
x EASY!Lock, 1 x M22 x 1.5, DN 8,							1.5 m long, suitable for up to 400 bar pressure. Connectors:	
400 bar, 1.5 m							M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.	
High-pressure hose packaged	10	6.110-038.0	8	400 bar	10 m		Durable, 10 m long high-pressure hose (ID 8) with double	+
Thigh pressore hose packaged	10	0.110 030.0	0	400 bui	10 111		steel reinforcement and EASY!Lock hand screw connection	
							at both ends and ANTI!Twist. Approved for 400 bar pressu-	
							re.	$\perp$
Longlife food industry version with		1			ı			
High pressure hose food DN 8 / 10	11	6.110-053.0	8	400 bar	10 m		Longlife HP hose for use in the food industry. Außende-	١.
m							cke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1,5	<b>A</b>
High-pressure hose Longlife 400,	12	6.110-054.0	8	400 bar	20 m		Longlife HP hose for use in the food industry. Außende-	+
15 m, ID 6, AVS trigger gun con-	12	0.110 034.0	0	100 801	20 111		cke## animal-grease-resistant, non-colour-bleeding materi-	
nection							al. With patented AVS connection in the pistol (pivot moun-	
							ted)	
Food industry version with unions		1	-	1.050.1	Lac	ı	Les III de la constant de la constan	
High-pressure hose 15 m ID 6, AVS trigger gun connector 11 mm,	13	6.110-063.0	6	250 bar	15 m		15 m high-pressure hose (DN 6) with patented (rotating)	
suitable for food industry, grey							AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. DN 6/155°C/250 bar.	
High-pressure hose, 10 m ID 8,	14	6.110-051.0	8	250 bar	10 m		10 m high-pressure hose (DN 8) with patented (rotating)	+
suitable for food industry, extensi-							AVS trigger gun connector. Non-discolouring outer layer for	
on piece							use in the food industry. M 22 x 1.5 with anti-kink sleeve.	$\perp$
High-pressure hose, 20 m ID 8,	15	6.110-052.0	8	250 bar	20 m		20 m high-pressure hose (DN 8) with swivel coupling. Non-	
suitable for food industry, extensi-							discolouring outer layer for use in the food industry. Con-	
on piece							nectors at both ends, M 22 x 1.5, with kink protection. NW 8/155°C/250 bar.	
■ Included in delivery □ Av	اطماره						0/±33 C/230 Dai.	

















		Order Number	Flow Rate		Price	Description
Trigger guns		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.
Conversion kit 1 from high pressure hose	2	4.111-050.0				A conversion kit which enables secure connection from an M22 hose onto our innovative EASY!Force trigger gun. The kit includes the EASY!Force Trigger gun, adaptors and lance.
Conversion kit 2 from device	3	4.111-051.0				Provides all the parts required to utilise our EASY!Force technology even on our non-Easy!Force machines. Including adaptors, lance, Easy!Force trigger gun and hose.
Conversion kit 3 only EASY!Force	4	4.111-052.0				A conversion kit for the EASY!Force gun, which includes the correct adaptors to conncect to the M22 style lance and hose.
Servo Control						
Servo control	5	4.118-008.0	750 - 1100 l/h			Water quantity and pressure regulated directly from the hand spray gun.
Quick connect						
Quick-fitting pipe union coupler trapezo	6	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.
Quick-fitting pipe union plug nipple tra	7	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 delivery. 

Available accessories. 

Extension hose.































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			Max. working					
		Order Number	pressure	Length		Price	Description	
Rotating spray lances				1				
1050 mm lance, rotatable, ergono-	1	4.112-000.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergo-	
mic							nomic handle for ease of use and protection. Rotatable 360 under pressure.	
Nozzle Light	2	2.680-002.0					LED work light for assembly on EASY!Force spray lances,	
							providing a clear view in poor lighting conditions ensuring	
			2001	050			controlled cleaning results.	
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm			600 mm stainless steel lance (manual coupling) with ergond mic handle for ease of use and protection. Rotatable 360°	)-
							under pressure.	
400 mm rotatable lance	4	4.112-024.0	300 bar	400 mm			400 mm stainless steel lance (manual coupling) with ergono	
							mic handle for ease of use and protection. Rotatable 360°	
Rotatable lance, 600 mm, ergono-	5	4.112-007.0	300 bar	600 mm			under pressure. 600 mm stainless steel lance (manual coupling) with ergono	)-
mic		4.112 007.0	300 501	000 11111			mic handle for ease of use and protection. Rotatable 360°	
							under pressure.	
Lance 850 mm, rotatable, ergono-	6	4.112-006.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergono	
mic							mic handle for ease of use and protection. Rotatable 360° under pressure.	
Lance 1550 mm, rotatable, ergo-	7	4.112-018.0	300 bar	1550 mm			1550 mm stainless steel lance (manual coupling) with ergo-	
nomic							nomic handle for ease of use and protection. Rotatable 360	°
Lanca 2050 mm vatatable avea		4 1 1 2 0 2 1 0	200 haz	2050			under pressure.	
Lance 2050 mm, rotatable, ergo- nomic	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.	
Jet pipe extension TR 1000 mm	9	4.112-048.0	300 bar	1000 mm			Spray lance extension with EASY!Lock connection. Length	П
Double lance							1000 mm.	
Double lance 960 mm	10	2.112-016.0	310 bar	960 mm	1		960 mm double lance for variable pressure adjustment on	1
Booble failed 500 ffilm	10	2.112 010.0	310 501	300 11111			handle at full water flow rate. Suitable for agricultural use (	
							e.g. stable cleaning).	
Angular spray lance		ı		ı				,
WC and gutter lance	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					·			
Flexible lance 1050 mm	12	4.112-035.0	210 bar	1050 mm			1050 mm flexible lance with variable bend from 20° to	
Auticulated inint TD 20	12	4.112-057.0	300 bar				140°, ideal for cleaning difficult to reach areas, e.g. gutters.	
Articulated joint TR 20	13	4.112-057.0	300 Dar				For hard-to-reach areas: High-pressure articulated joint wit infinite angle adjustment up to 120°. Simply attach directly	
							to the spray lance of the pressure washer.	
Telescopic spray lance			1					
Telescopic jet pipe	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 connec	
							tion with rotary coupling. Connection for M 18 x 1.5 nozzle	
Restraint belt for telescopic jet	15	6.373-987.0					Convenient strap for relief when working with the telesco-	
pipe							pic spray lance (6.394-690). The burden is optimally distributed on the body and longer periods of use are possible.	
Gutter cleaner							T boted on the body and longer periods of use are possible.	
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.	







		Order Number	Max. working pressure	Length		Price	Description	
<b>Undercarriage spray lance</b> 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.	
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.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





		Order Number	Nozzle size		Price	Description
Power nozzle spray angle 25°						
Power Nozzle	1	2.113-010.0	48			Fan jet nozzle for large-area coverage and stubborn dirt and stains.
Chemical nozzle	2	2.113-020.0	250			Brass power nozzle for low-pressure operation and cleaning agent suction.
HP nozzle spray angle 0°						
Power Nozzle	3	2.113-034.0	50			High-pressure nozzle with powerful jet for extremely stubborn dirt.
Power nozzle spray angle 15°						
Power Nozzle	4	2.113-047.0	55			Fan jet nozzle with 15° spray angle suitable for stubborn dirt.
Power nozzle spray angle 40°						
Power Nozzle	5	2.113-054.0	50			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





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		Order Number			Price	Description	
Connectors/Tap adaptors							
Tap connector 1" with 3/4" thread reducer	1	2.645-007.0					

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









		Order Number	Max. working pressure	Nozzle size		Price	Description
Dirt blaster, large							
Dirt Blaster Nozzle	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.
Triple nozzles							
Triple Nozzle	2	4.117-037.0	300 bar	50			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.
Angle vario nozzle 0°-90°							
Angled Vario Nozzle	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.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.































		Order Number			Price	Description	
Nozzle union							_
Nozzle screws	1	4.112-011.0				Nozzle screws with protectors for high-pressure and power	1_
Nozzie serews	1	4.112 011.0				nozzles	
HP detergent injector							
Detergent injector for high and	2	4.637-032.0				Detergent injector for independent high and low pressure	
low pressure (without nozzles)						dosage. Maximum dosage about 15%.	
Detergent injector for high pressu- re	3	4.637-033.0				Cleaning agent dosage at high pressure 3 - 5 %	
Machine-specific nozzle kit with or	der no	. 3.637-170			I		_
Nozzle insert trapezoidal thread	4	4.769-011.0				For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP	
HDS-GER						power nozzle + union	
Nozzle insert with order no. 3.637-	001		,				
Nozzle insert for Order No. 3.637-	5	4.769-003.0				Nozzle insert for detergent injector 3.637-001 for high-	_
001, high-pressure for machines						pressure detergent application. For high-pressure cleaners	
up to 1100 l/h.		4.700.001.0				with a water flow rate up to 1100 l/h.	+
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	
Rotary coupling			<u>'</u>		1		
Rotary coupling	7	4.111-021.0				Kärcher rotary coupling prevents twisting and kinking of	Т
						high-pressure hoses for ease of use. Connector M 22 x 1.5	
						m. With grip protection.	丄
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.	:   니 I
Connector						X 1.5 III.	_
Nozzle connector/screw connector	9	4.111-022.0	ĺ			Nozzle connector/screw connector for connecting high-	
TOZZIE COMMECCO, SCI EW COMMECCO.						pressure nozzles and accessories to the high-pressure trig-	
						ger gun (with nozzle connector). Connectors: 1x M 22 x 1.5	
						and 1x M 18 x 1.5.	
Y distributor	10	4.111-024.0				Offers the option to connect two spray units to the machine	2. □
Chart aprox unit	11	4.111-038.0				Installation on the high pressure outlet.	_
Short spray unit	11	4.111-038.0				For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with	
						triple nozzles.	
Adapter EASY!Lock							
Adapter 1 M22AG-TR22AG	12	4.111-029.0				Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	13	4.111-030.0				Adapter 2 to connect the old device with the new hose and	П
						the old gun with the new hose	1
Adapter 3 M22IG-TR22AG	14	4.111-031.0				Adapter 3 to connect the old gun with the new spray lance and new servo regulator	
Adapter M22 - Swivel	15	4.111-032.0				M22 x 1.5female and swivel connection. For extension of	+-
Adapter M22 SWIVE	13	4.111 032.0				high-pressure hoses with AVS connection or for usage of th	e _
						telescopic lance with a high-pressure hose with AVS connec	
						tion.	
Adapter 5 TR22IG-M22AG	16	4.111-033.0				Adapter 5 to connect the new gun with the old spray lance	П
4.1. 4. G TDOOLG ::::::						and new servo regulator with the old spray lance	
Adapter 6 TR22IG-M22AG	17	4.111-034.0				Adapter 6 to connect the new device with the old hose and	
Adapter 7 M18IG-TR20AG	18	4.111-035.0				the old hose with the new gun  Adapter 7 to connect the old spray lance with the new	+
, adpter / WITOTO TRZONO	10	111 000.0		 		nozzle	
Adapter 8 TR20IG-M18AG	19	4.111-036.0				Adapter 8 to connect the new spray lance with the old	
						nozzle	





		Order Number			Price	Description	
ADAPTER for replacement TR22IG- M22AG Er	20	4.111-046.0					

















		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description
Pipe cleaning hose, ID 6							
Hose assembly TR pipe cleaning DN6 max.2	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, DN 6, 20 m, 220 bar	2	6.110-008.0	250 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).
Hose assembly TR pipe cleaning DN6 max.2	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 nozzle							
Dirt blaster pipe cleaning D21/060	4	4.765-002.0		60	21 mm		The forward-tilted rotating pencil jet removes the most
Dirt blaster pipe cleaning D30/060	5	4.765-005.0		60	30 mm		stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.
Pipe cleaning nozzle	6	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet
	7	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.
	8	5.763-017.0		50	30 mm		30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.
Rotating pipe cleaning nozzle	9	6.415-428.0		50	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.
Drum and tank cleaning							
Add-on kit mud sucker	10	2.641-798.0					

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





















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		Order Number	Flow Rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FRV 30								
Add-on kit rubber lip	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.	
Add-on kit hose attachment	3	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	
Add-on kit dirt trap	4	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	
FRV 30	5	2.111-010.0					Surface cleaner with integrated waste water pick-up	
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	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.	
Hard Surface Cleaner FR 50								
FR 50 surface cleaner	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.	
Machine-specific nozzle kit for FR					,			
Nozzle kit for surface cleaners (type-specific) 850 - 1100 l/h	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).	
Machine-specific nozzle kits for FI	RV							
Nozzle kit 050 - for FRV	9	2.642-433.0		50			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	1 _
Hard surface cleaner FRV 30 Me								
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.	s [

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.



















		Order Number	Flow Rate		Price	Description	
Cup foam lance							
Cup foam lance Basic 3	1	4.112-055.0	900 - 2500 l/h			For high-pressure cleaners with a flow rate of 900-2500 l/h: new, robust and very high-quality foam cup lance with outstanding foam quality while consuming half as much cleaning agent.	
Bottle cleaning agents 1L	2	5.071-414.0					
Cup foam lance Advanced 025	3	2.112-017.0				Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	
Tank grey only for replacement 1L	4	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 Set							
Inno foam kit with detergent injector	5	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	6	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 090 Inno/Easy kit 700 - 1000 I/h	7	2.111-019.0	700 - 1000 l/h			Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 I/h. For optimal foam system performance.	
Foam nozzle mounting kit							
Foam nozzle kit	8	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 delivery. 

Available accessories. 

Extension hose.





















		Order Number	Length			Price	Description
Hose reel add-on kit							
Add-on kit hose reel	1	2.110-004.0	15 m				Hose reel attachment kit for installation on the machine. For safe and tidy storage of high-pressure hoses (with connection hose to machine HP outlet). Rotatable under pressure with connection 22 x 1.5.
Automatic, self-winding hose reels	1	ſ			ı		
Wall-mounted hose reel	2	2.639-257.0	15 m				
Add-on kit hose reel plastics	3	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.
Add-on kit hose reel	4	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.
Hose reel, automatic, 20 m, painted	5	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	6	6.392-105.0	20 m				Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.
Hose reel, automatic, 20 m, stainless steel	7	6.392-076.0	20 m				Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.
ABS hose reel stainless steel	8	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.
Add-on kit hose reel TR 40m	9	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).
Swivel holder	10	2.639-931.0					Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose. Rotatable 120°. Galvanised steel.
ABS wall fastening stainless steel	11	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 delivery. 

Available accessories. 

Extension hose.

















		Order Number	Flow Rate	Water feed temperature	Length	Length	Price	Description
Teleskopstangen				'				
Telescopic rod complete 14m	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.
Telescopic rod complete 10m CFK	2	4.110-007.0		max. 60 °C				The full carbon telescopic lance offers maximum rigidity with minimal weight. It has a reach of up to 10 m and is fitted with practical quick-release couplings – for convenient extension and retraction.
Telescopic rod complete 10m	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.
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.
Ball valve	5	4.580-097.0		max. 40 °C				
Telescope lance glass fibre 7 m	6	4.762-609.0		max. 60 °C				
Telescope lance hybrid 7 m	7	4.762-610.0		max. 60 °C				_
Telescope lance hybrid 10 m	8	4.762-611.0		max. 60 °C				_
Telescope lance carbon 10 m	9	4.762-612.0		max. 60 °C				_
Telescope lance carbon 14 m	10	4.762-613.0		max. 60 °C				_
Pistol	11	4.775-154.0		max. 60 °C				

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





		Order Number	Flow Rate	Water feed temperature	Length	Length	Price	Description
Schläuche								
Hose solar	1	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.
	2	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.
	3	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.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









		Order Number	Nozzle size			Price	Description
Wet blasting attachment (without r	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.
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.
Nozzle pack for wet blasting attach	ment						
Nozzle pack TR wet jet set 0050	3	2.112-023.0	50				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 .
Boron carbide nozzle							
Boron carbide nozzle, for machines as of 1000 l/h	4	6.415-084.0	6 mm				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





		Order Number			Price	Description
Cage frame attachment kit						
Cage frame attachment kit, large	1	2.637-007.0				Robust cage attachment kit with large protective frame protects the components of the HD 9/21 G and HD 9/23 G/De in the HD Gasoline Advanced range. Including eyelets for loading by crane.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





















		Order Number			Price	Description	
Geka coupling							+
With hose nozzle, R 3/4"	1	6.388-455.0				with hose liner	To
Hose coupling	2	6.388-458.0				with female thread	
Suction filter			1				
Water filter	3	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	4	4.730-012.0				Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Fine-mesh water filter							
Add-on kit water filter universal	5	2.637-020.0					
Fine-mesh water filter with adapter	6	4.730-102.0				Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles conta ned in the water. Water flow rate up to 1200 l/h. Connectio 3/4", with adapter, 1".	
Fine-mesh water filter, 100 $\mu m,$ R 1"	7	2.638-270.0				Fine-mesh water filter, 100 µm, max. temperature 60°C. Connects to high-pressure cleaner. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connector 1".	
Water supply hose							
Water supply hose	8	4.440-038.0				NW 13 R1" / R 3/4", up to 30 °C	
	9	4.440-270.0				NW 19 R1" / R1", up to 85 °C	
Backflow check valve							
Backflow preventer	10	2.641-374.0				To prevent detergent getting into the drinking water cycle i case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakag protection	П

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









		Order Number	Flow Rate		Price	Description	
Push-on washing brush							
Push-on wash brush, M 18 x 1.5	1	4.113-001.0				Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	
Rotating washing brush							
Rotating wash brush for > 800 l/h machines, nylon bristles	2	4.113-002.0	800 - 1300 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).	
Rotating wash brush for < 800 l/h machines, natural bristles	3	4.113-003.0	500 - 800 l/h				
Rotating wash brush for > 800 l/h machines, natural bristles	4	4.113-005.0	800 - 1300 l/h				

lacktriangle Included in delivery.  $\Box$  Available accessories. lacktriangle Extension hose.