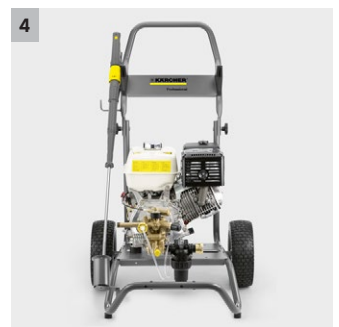
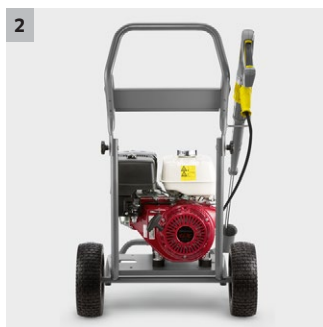




## HD 9/23 De

The HD 9/23 De diesel-powered is a mobile cold water pressure washer with 230 bar pressure for high cleaning performance. \*Picture shown is the petrol model.



### 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.



## HD 9/23 De

- Economical diesel engine with a convenient electro start
- Servo Control function on the high pressure lance allows variable water pressure and water flow
- Automatic speed reduction

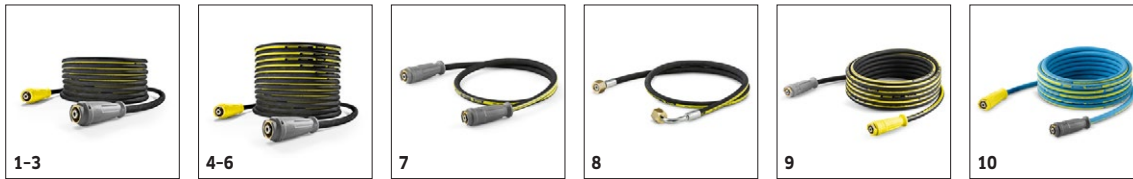
### Technical data

<b>Order Number</b>		1.187-907.0
<b>EAN code</b>		4054278210582
<b>Operating pressure</b>	bar / MPa	40 – up to 230 / 4 – up to 23
<b>Max. Pressure</b>	bar / MPa	270 / 27
<b>Flow Rate</b>	l/h	400 – 930
<b>Max. water feed temperature</b>	°C	60
<b>Engine manufacturer</b>		Yanmar
<b>Power Rating</b>	kW / hp	6,8 / 9,3
<b>number of simultaneous users</b>		1
<b>Weight</b>	kg	112,5
<b>Dimensions (L x W x H)</b>	mm	866 x 722 x 1146

### Equipment

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

■ Included in delivery.



		Order Number	ID	Max. working pressure	Length	Price	Description	
<b>Standard with unions on both sides</b>								
High-pressure hose, 10 m DN 8, AVS trigger gun connector	1	6.110-031.0	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 DN 8, AVS trigger gun connector	2	6.110-032.0	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 DN 8, AVS trigger gun connector	3	6.110-030.0	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.	■
<b>Longlife 400 with unions on both sides</b>								
High-pressure hose Longlife 400, 30 m DN 8, including rotary coupling	4	6.110-023.0	8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose Longlife 400, 20 m, DN 8, extension	5	6.110-027.0	8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose Longlife 400, 15 m, DN 8, including rotary coupling	6	6.110-029.0	8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose 1.5 m, DN 8, including connectors	7	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 protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).	□
Longlife 400 high-pressure hose, 1 x EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	8	6.110-069.0	8	400 bar	1,5 m		High-pressure hose (ID 8) with double steel reinforcement, 1.5 m long, suitable for up to 400 bar pressure. Connectors: M 22 x 1.5, quick and convenient EASY!Lock hand screw connection.	□
High-pressure hose packaged	9	6.110-038.0	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.	□
<b>Longlife food industry version with unions on both sides</b>								
High pressure hose food DN 8 / 10 m	10	6.110-053.0	8	400 bar	10 m		Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1.5	▲

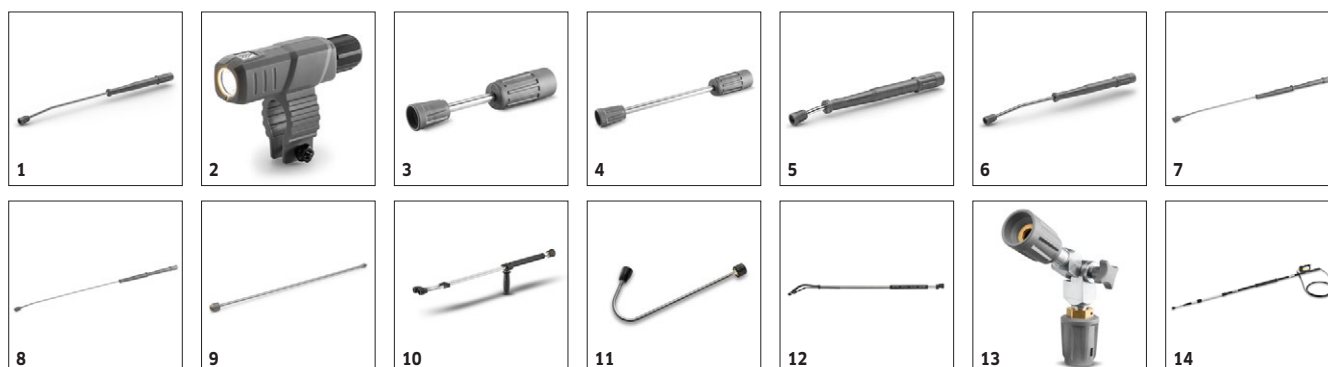
■ Included in delivery. □ Available accessories. ▲ Extension hose.



		Order Number	Flow Rate				Price	Description	
<b>Trigger guns</b>									
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 connect to the M22 style lance and hose.	□
<b>Servo Control</b>									
Servo control	5	4.118-008.0	750 - 1100 l/h					Water quantity and pressure regulated directly from the hand spray gun.	■
<b>Quick connect</b>									
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.	□

■ Included in delivery. □ Available accessories. ▲ Extension hose.





		Order Number	Max. working pressure	Length			Price	Description	
<b>Rotating spray lances</b>									
1050 mm lance, rotatable, ergonomic	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						LED work light for assembly on EASY!Force spray lances, providing a clear view in poor lighting conditions ensuring 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 ergonomic 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 ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
Rotatable lance, 600 mm, ergonomic	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.	□
Lance 850 mm, rotatable, ergonomic	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.	□
Lance 1550 mm, rotatable, ergonomic	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.	□
Lance 2050 mm, rotatable, ergonomic	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				Spray lance extension with EASY!Lock connection. Length 1000 mm.	□
<b>Double lance</b>									
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).	□
<b>Angular spray lance</b>									
WC and gutter lance	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.	□
<b>Flexible spray lance</b>									
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					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.	□
<b>Telescopic spray lance</b>									
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 connection with rotary coupling. Connection for M 18 x 1.5 nozzles.	□
Restraint belt for telescopic jet 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.	□
<b>Gutter cleaner</b>									
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.	□

■ Included in delivery. □ Available accessories. ▲ Extension hose.

# HD 9/23 DE 1.187-907.0



		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.	<input type="checkbox"/>
<b>Additional handle</b>									
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.	<input type="checkbox"/>

■ Included in delivery.
 ☐ Available accessories.
 ▲ Extension hose.



		Order Number	Nozzle size					Price	Description
<b>Power nozzle spray angle 25°</b>									
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. ■
<b>HP nozzle spray angle 0°</b>									
Power Nozzle	3	2.113-034.0	50						High-pressure nozzle with powerful jet for extremely stubborn dirt. □
<b>Power nozzle spray angle 40°</b>									
Power Nozzle	4	2.113-054.0	50						Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces. □

■ Included in delivery. □ Available accessories. ▲ Extension hose.



		Order Number	Max. working pressure	Nozzle size			Price	Description	
<b>Dirt blaster, large</b>									
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.	<input type="checkbox"/>
<b>Triple nozzles</b>									
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.	<input type="checkbox"/>
<b>Angle vario nozzle 0°-90°</b>									
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.	<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.





		Order Number						Price	Description	
<b>Nozzle union</b>										
Nozzle screws	1	4.112-011.0							Nozzle screws with protectors for high-pressure and power nozzles	<input type="checkbox"/>
<b>HP detergent injector</b>										
Detergent 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"/>
Detergent injector for high pressure	3	4.637-033.0							Cleaning agent dosage at high pressure 3 - 5 %	<input type="checkbox"/>
<b>Machine-specific nozzle kit with order no. 3.637-170</b>										
Nozzle insert trapezoidal thread HDS-GER	4	4.769-011.0							For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union	<input type="checkbox"/>
<b>Nozzle insert with order no. 3.637-001</b>										
Nozzle insert for Order No. 3.637-001, high-pressure for machines up to 1100 l/h.	5	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.	<input type="checkbox"/>
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	<input type="checkbox"/>
<b>Rotary coupling</b>										
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"/>
<b>Coupling</b>										
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"/>
<b>Connector</b>										
Nozzle connector/screw connector	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"/>
Y distributor	10	4.111-024.0							Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	<input type="checkbox"/>
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.	<input type="checkbox"/>
<b>Adapter EASY!Lock</b>										
Adapter 1 M22AG-TR22AG	12	4.111-029.0							Adapter 1 to connect the old hose with the new hose	<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	13	4.111-030.0							Adapter 2 to connect the old device with the new hose and the old gun with the new hose	<input type="checkbox"/>
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	<input type="checkbox"/>
Adapter M22 - Swivel	15	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	16	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	<input type="checkbox"/>
Adapter 6 TR22IG-M22AG	17	4.111-034.0							Adapter 6 to connect the new device with the old hose and the old hose with the new gun	<input type="checkbox"/>
Adapter 7 M18IG-TR20AG	18	4.111-035.0							Adapter 7 to connect the old spray lance with the new nozzle	<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	19	4.111-036.0							Adapter 8 to connect the new spray lance with the old nozzle	<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.



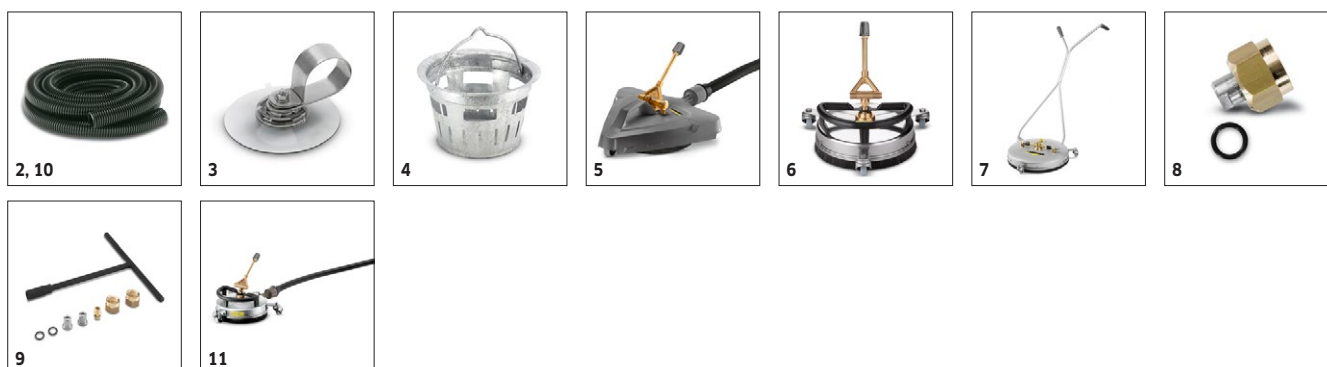
		Order Number					Price	Description	
ADAPTER for replacement TR22IG-M22AG Er	20	4.111-046.0						Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	<input type="checkbox"/>

■ Included in delivery.    □ Available accessories.    ▲ Extension hose.



		Order Number	Max. working pressure	Nozzle size	Diameter	Price	Description	
<b>Pipe cleaning hose, ID 6</b>								
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).	<input type="checkbox"/>
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).	<input type="checkbox"/>
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).	<input type="checkbox"/>
<b>Pipe cleaning nozzle</b>								
Dirt blaster pipe cleaning D21/060	4	4.765-002.0		60	21 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"/>
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		30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
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.	<input type="checkbox"/>
<b>Drum and tank cleaning</b>								
Add-on kit mud sucker	10	2.641-798.0						<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.



		Order Number	Flow Rate	Nozzle size	Diameter	Price	Description	
<b>Hard Surface Cleaner FRV 30</b>								
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.	<input type="checkbox"/>
Extension hose 5 m	2	4.440-939.0					5m extension hose for FRV 30. Connection sleeve included.	<input type="checkbox"/>
Add-on kit hose attachment	3	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	<input type="checkbox"/>
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.	<input type="checkbox"/>
FRV 30	5	2.111-010.0					Surface cleaner with integrated waste water pick-up	<input type="checkbox"/>
<b>Hard surface cleaner FR 30 ME</b>								
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.	<input type="checkbox"/>
<b>Hard Surface Cleaner FR 50</b>								
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.	<input type="checkbox"/>
<b>Machine-specific nozzle kit for FR</b>								
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).	<input type="checkbox"/>
<b>Machine-specific nozzle kits for FRV</b>								
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.	<input type="checkbox"/>
<b>Hard surface cleaner FRV 30 Me</b>								
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.



		Order Number	Flow Rate				Price	Description	
<b>Cup foam lance</b>									
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.	<input type="checkbox"/>
Bottle cleaning agents 1L	2	5.071-414.0							<input type="checkbox"/>
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.	<input type="checkbox"/>
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).	<input type="checkbox"/>
<b>Inno Foam Set</b>									
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.	<input type="checkbox"/>
<b>Easy Foam Set</b>									
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.	<input type="checkbox"/>
<b>Nozzle kits for Inno/Easy Foam Set</b>									
Nozzle kit 090 Inno/Easy kit 700 - 1000 l/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 l/h. For optimal foam system performance.	<input type="checkbox"/>
<b>Foam nozzle mounting kit</b>									
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.	<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.



		Order Number	Length					Price	Description	
<b>Hose reel add-on kit</b>										
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.	<input type="checkbox"/>
<b>Automatic, self-winding hose reels</b>										
Wall-mounted hose reel	2	2.639-257.0	15 m							<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
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 corrosion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	<input type="checkbox"/>
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).	<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.





		Order Number	Flow Rate	Water feed temperature	Length	Length	Price	Description	
<b>Teleskopstangen</b>									
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<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"/>
Ball valve	5	4.580-097.0		max. 40 °C					<input type="checkbox"/>
Telescope lance glass fibre 7 m	6	4.762-609.0		max. 60 °C					<input type="checkbox"/>
Telescope lance hybrid 7 m	7	4.762-610.0		max. 60 °C					<input type="checkbox"/>
Telescope lance hybrid 10 m	8	4.762-611.0		max. 60 °C					<input type="checkbox"/>
Telescope lance carbon 10 m	9	4.762-612.0		max. 60 °C					<input type="checkbox"/>
Telescope lance carbon 14 m	10	4.762-613.0		max. 60 °C					<input type="checkbox"/>
Pistol	11	4.775-154.0		max. 60 °C					<input type="checkbox"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.



		Order Number	Flow Rate	Water feed temperature	Length	Length	Price	Description	
<b>Schläuche</b>									
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.	<input type="checkbox"/>
	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.	<input type="checkbox"/>
	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.	<input type="checkbox"/>

■ Included in delivery.    ☐ Available accessories.    ▲ Extension hose.



		Order Number	Nozzle size				Price	Description	
<b>Wet blasting attachment (without nozzle)</b>									
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"/>
<b>Nozzle pack for wet blasting attachment</b>									
Nozzle pack TR wet jet set 0055	3	2.112-024.0	55					Consisting of wet jet nozzle and nozzle insert – only for use in combination with wet jet unit 4.115-000.0   4.115-006.0.	<input type="checkbox"/>
<b>Boron carbide nozzle</b>									
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.	<input type="checkbox"/>

■ Included in delivery.    □ Available accessories.    ▲ Extension hose.

HD 9/23 DE  
1.187-907.0



		Order Number					Price	Description	
<b>Cage frame attachment kit</b>									
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.	<input type="checkbox"/>

■ Included in delivery.    ☐ Available accessories.    ▲ Extension hose.



		Order Number					Price	Description	
<b>Geka coupling</b>									
With hose nozzle, 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"/>
<b>Suction filter</b>									
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	<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"/>
<b>Fine-mesh water filter</b>									
Add-on kit water filter universal	5	2.637-020.0							<input type="checkbox"/>
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 contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".	<input type="checkbox"/>
<b>Water supply hose</b>									
Water supply hose	7	4.440-038.0						NW 13 R1" / R 3/4", up to 30 °C	<input type="checkbox"/>
<b>Backflow check valve</b>									
Backflow preventer	8	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"/>

■ Included in delivery. □ Available accessories. ▲ Extension hose.

# HD 9/23 DE 1.187-907.0



		Order Number	Flow Rate				Price	Description	
<b>Push-on washing brush</b>									
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.	<input type="checkbox"/>
<b>Rotating washing brush</b>									
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).	<input type="checkbox"/>
Rotating wash brush for > 800 l/h machines, natural bristles	3	4.113-005.0	800 - 1300 l/h						<input type="checkbox"/>

■ Included in delivery.
 □ Available accessories.
 ▲ Extension hose.