

## 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.



Order no.

1.187-907.0

### Technical data

EAN code		4054278210582
Flow Rate	l/h	400 - 930
Operating pressure	bar / MPa	40 - up to 230 / 4 - up to 23
Max. Pressure	bar / MPa	270 / 27
Water feed temperature	°C	60
Water inlet		1"
Drive type		Diesel
Motor manufacturer		Yanmar
Motor type		L 100 V
Number of users at one time		1
Mobility		Mobile
Colour		anthracite
Weight (with accessories)	kg	112.5
Weight incl. packaging	kg	115.5
Dimensions (L x W x H)	mm	866 x 722 x 1146

### Scope of supply

Spray gun: EASY!Force Advanced
High-pressure hose length: 15 m
High-pressure hose type: Premium quality
High-pressure hose specification: DN 8, 315 bar
Power nozzle
Servo Control

### Equipment

Infinitely variable pressure and water flow regulation
Electric starter
Detergent function: Suction



## 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.



## Optimum ease of use

- The ergonomic frame concept makes transport on uneven ground easier.
- Storage options for all accessory parts directly on the machine.
- Puncture-proof wheels guarantee permanently high mobility.



## 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.
- Portable version with robust pipe frame specially designed for painters and plasterers (HD 728 B).

## EQUIPMENT FOR HD 9/23 DE

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		Order no.	Description	
<b>TRIGGER GUNS</b>				
<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.	■
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.	□
<b>Servo Control</b>				
Servo Control, 750 l/h - 1100 l/h	5	4.118-008.0	Water quantity and pressure regulated directly from the hand spray gun.	■
<b>SPRAY LANCES</b>				
<b>Rotating spray lances</b>				
Spray lance, 1050 mm, rotatable	6	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
Jet pipe with transport packaging, 840 mm	7	4.119-003.0	Rotating Classic spray lance with ergonomic handle bowls in a robust and high-quality stainless steel design. Also suitable for Kärcher hot water high-pressure cleaners.	□
Jet pipe TR 600mm with package, 600 mm	8	4.119-009.0		□
Jet pipe Classic TR 200mm, 200 mm	9	4.119-014.0		□
Jet pipe Classic TR 400mm, 400 mm	10	4.119-015.0		□
LED nozzle light	11	2.680-002.0	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, rotatable	12	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	□
Spray lance, 400 mm, rotatable	13	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	□
Spray lance, 600 mm, rotatable	14	4.112-007.0	600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□

■ Included in delivery. □ Available accessories.

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		Order no.	Description	
<b>SPRAY LANCES</b>				
<b>Rotating spray lances</b>				
Spray lance, 840 mm, rotatable	15	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance, 1550 mm, rotatable	16	4.112-018.0	1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance, 2050 mm, rotatable	17	4.112-021.0	2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance extender, 1000 mm	18	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	<input type="checkbox"/>
<b>Double lance</b>				
Double lance, 960 mm	19	2.112-016.0	960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use ( e.g. stable cleaning).	<input type="checkbox"/>
<b>Angular spray lance</b>				
WC and gutter lance	20	4.112-029.0	Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.	<input type="checkbox"/>
<b>Flexible spray lance</b>				
Flexible lance, 1050 mm	21	4.112-035.0	1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	<input type="checkbox"/>
High pressure articulated joint	22	4.112-057.0	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.	<input type="checkbox"/>
<b>Gutter cleaner</b>				
Gutter cleaning lance	23	2.112-015.0	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.	<input type="checkbox"/>
<b>Undercarriage spray lance</b>				
Underbody lance	24	4.112-032.0	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	25	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"/>
<b>KÄRCHER POWER NOZZLE</b>				
<b>Power nozzle spray angle 25°</b>				
Power Nozzle , 048	26	2.113-010.0	Fan jet nozzle for large-area coverage and stubborn dirt and stains.	<input checked="" type="checkbox"/>
Chemical nozzle , 250	27	2.113-020.0	Brass power nozzle for low-pressure operation and cleaning agent suction.	<input checked="" type="checkbox"/>
<b>HP nozzle spray angle 0°</b>				
Power nozzle 0°, 050	28	2.113-034.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	<input type="checkbox"/>

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		Order no.	Description	
<b>KÄRCHER POWER NOZZLE</b>				
<b>Power nozzle spray angle 40°</b>				
Power Nozzle 40°, 050	29	2.113-054.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	<input type="checkbox"/>
<b>HIGH-PRESSURE HOSES</b>				
<b>Standard with unions on both sides</b>				
High-pressure hose, 15 m, ID 8, 315 bar, 2 × EASY!Lock	30	6.110-030.0	15 m long high-pressure hose, DN 8, with ANTI!Twist and time-saving EASY!Lock manual screw fitting on both sides.	<input checked="" type="checkbox"/>
High-pressure hose, 10 m, ID 8, 315 bar, 2 × EASY!Lock	31	6.110-031.0	High-pressure hose (DN 8) suitable up to 315 bar pressure. With innovative EASY!Lock manual screw fitting on both sides, ANTI!Twist and 10 m long.	<input type="checkbox"/>
High-pressure hose, 20 m, ID 8, 315 bar, 2 × EASY!Lock	32	6.110-032.0	20 m long high-pressure hose (DN 8) equipped with the time-saving and robust EASY!Lock manual screw fitting on both sides. Approved for pressures up to 315 bar.	<input type="checkbox"/>
<b>Longlife 400 with unions on both sides</b>				
High-pressure hose Longlife, 1.5 m, ID 8, 400 bar, 2 × EASY!Lock	33	6.110-024.0	1.5 m short high-pressure hose (DN 8). Comfortable EASY!Lock manual screw fitting on both sides for robust and quick connections. Durable and designed for up to 400 bar pressure.	<input type="checkbox"/>
High-pressure hose Longlife, 1.5 m, ID 8, 400 bar, 1 × EASY!Lock / 1 × M22 × 1.5	34	6.110-069.0	1.5 m long high-pressure hose (DN 8) suitable for up to 400 bar pressure with double steel core. Connections: M 22 × 1.5, as well as the comfortable and quick EASY!Lock manual screw fitting.	<input type="checkbox"/>
High-pressure hose Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock	35	6.110-038.0	Durable, 10 m long high-pressure hose (DN 8) with double steel core and EASY!Lock manual screw fitting on both sides and ANTI!Twist. Approved for 400 bar pressure.	<input type="checkbox"/>
High-pressure hose Longlife, 30 m, ID 8, 400 bar, 2 × EASY!Lock	36	6.110-023.0	Robust high-pressure hose with double steel core, ANTI!Twist and EASY!Lock manual screw fitting on both sides. Nominal size DN 8, 30 m long, for up to 400 bar pressure.	<input type="checkbox"/>
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	37	6.110-027.0	High-pressure hose with ANTI!Twist, EASY!Lock manual screw fittings and double steel core. 20 m long, nominal size DN 8, EASY!Lock manual screw fitting on both sides.	<input type="checkbox"/>
High-pressure hose Longlife, 15 m, ID 8, 400 bar, 2 × EASY!Lock	38	6.110-029.0	The double steel core ensures a particularly long life of this 15 m long high-pressure hose (DN 8), which is approved for pressures up to 400 bar.	<input type="checkbox"/>
<b>Longlife food industry version with unions on both sides</b>				
High-pressure hose food grade Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock	39	6.110-053.0	With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, ANTI!Twist and EASY!Lock hand screw connection at both ends.	<input type="checkbox"/>
<b>ROTARY NOZZLES (DIRT BLASTERS)</b>				
<b>Dirt blaster, large</b>				
Dirt blaster Vibrasoft, 050	40	4.114-066.0	Vibrasoft rotary nozzle with rotating point jet for ten times greater cleaning performance. Durable dirt blaster thanks to ceramic nozzle. Reduces vibrations by up to 30% for maximum ergonomics.	<input type="checkbox"/>
Dirt blaster, large, 050	41	4.114-027.0	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>MULTIPLE-JET NOZZLES</b>				
<b>Triple nozzles</b>				
Triple nozzle, 050	42	4.117-037.0	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.	<input type="checkbox"/>

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<b>MULTIPLE-JET NOZZLES</b>				
<b>Angle vario nozzle 0°-90°</b>				
Angled Vario nozzle, 050	43	4.113-007.0	Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.	<input type="checkbox"/>
<b>ECO!BOOSTER</b>				
eco!Booster TR 050	44	2.113-088.0	eco!Booster with 50% higher area performance than the Kärcher power nozzle; ideal for delicate surfaces. For cold and hot water high-pressure cleaners (nozzle size 050).	<input type="checkbox"/>
Eco!Booster MAX TR 050	45	2.113-097.0	Maximum efficiency and versatility in professional cleaning. The eco!Booster MAX offers more than double the area performance and ergonomic handling.	<input type="checkbox"/>
<b>QUICK CONNECT</b>				
Quick-fitting pipe union coupler trapezo	46	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 × 1.5 internal thread.	<input type="checkbox"/>
Quick-fitting pipe union plug nipple tra	47	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 × 1.5 external thread.	<input type="checkbox"/>
<b>DRUM AND TANK CLEANING</b>				
Add-on kit mud sucker	48	2.641-798.0	For connection to the high-pressure hose of Kärcher high-pressure cleaners: Powerful sludge suction cleaner for the retrofitting of high-pressure cleaners to dirt pumps.	<input type="checkbox"/>
<b>OTHER HP ACCESSORIES</b>				
Jet gun	49	2.869-067.0	Short set-up time, easy transport, instant switch off - the jet gun is the affordable cleaning method for all kinds of small to medium-sized areas. Adjustable pressure/water volume.	<input type="checkbox"/>
<b>SEALS FOR TRAPEZOIDAL THREAD</b>				
Spare part set seals TR	50	2.880-001.0		<input type="checkbox"/>
<b>STEAM NOZZLE / NOZZLE PROTECTOR / ROLLOVER NOZZLE</b>				
<b>Rollover nozzle holder</b>				
Ball Nozzle Holder	51	4.764-012.0	Rollover nozzle holder for contactless changeover from pencil jet to fan jet as well as low-pressure detergent injection via knurled nut. Without nozzle insert. (Additional type-specific power nozzle).	<input type="checkbox"/>
<b>NOZZLE UNION / SPACER</b>				
<b>Nozzle union</b>				
Nozzle screws	52	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	<input type="checkbox"/>
<b>PIPE CLEANING</b>				
<b>Pipe cleaning hose, ID 6</b>				
Hose assembly TR pipe cleaning DN6 max.2	53	6.110-046.0	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	54	6.110-008.0	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	55	6.110-047.0	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	56	4.765-002.0	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"/>

Available accessories.

## EQUIPMENT FOR HD 9/23 DE 1.187-907.0



	Order no.	Description	
<b>PIPE CLEANING</b>			
<b>Pipe cleaning nozzle</b>			
Dirt blaster pipe cleaning D30/060	57 4.765-005.0	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 nozzle	58 5.763-015.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
	59 5.763-016.0		<input type="checkbox"/>
	60 5.763-017.0	Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R 1/8" connection, 3 × 30° backwards, diameter 30 mm.)	<input type="checkbox"/>
Rotating pipe cleaning nozzle	61 6.415-428.0	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"/>
<b>FLOOR AND HARD SURFACE CLEANER</b>			
<b>Hard surface cleaner FR Classic</b>			
FR TR 40 Classic	62 4.119-029.0	The robust classic surface cleaner with 400 mm diameter and nozzle kit supplied (2 × size 020; others can be ordered separately).	<input type="checkbox"/>
FR TR 30 Classic	63 4.119-030.0	Coarse spray agent made from aluminium slag designed for use with Kärcher blasting systems and guns. The single-use mineral spray agent is not water-soluble and has a granulation of 0.25 to 1.4 mm. It boasts an impressive performance when blasting clean aerated and exposed aggregated concrete, Porphyry, granite, steel and clinker. In addition, the material is well suited to removing paint, varnishes and rust and to matting, rough blasting and sand blasting thanks to its edged shape, high level of hardness (6-7 Mohs) and very abrasive effect.	<input type="checkbox"/>
<b>Hard Surface Cleaner FRV 30</b>			
FRV 30	64 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.	<input type="checkbox"/>
Add-on kit rubber lip	65 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	66 4.440-939.0	5m extension hose for FRV 30. Connection sleeve included.	<input type="checkbox"/>
Add-on kit hose attachment	67 2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.	<input type="checkbox"/>
Add-on kit dirt trap	68 2.642-532.0	Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	<input type="checkbox"/>
<b>Hard surface cleaner FR 30 ME</b>			
FR 30 ME surface cleaner	69 2.111-013.0	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	70 2.111-023.0	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"/>

Available accessories.

## EQUIPMENT FOR HD 9/23 DE 1.187-907.0



		Order no.	Description	
<b>FLOOR AND HARD SURFACE CLEANER</b>				
<b>Machine-specific nozzle kit for FR</b>				
Nozzle kit for FR, 850 l/h - 1100 l/h	71	2.640-442.0	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 for FRV, 050	72	2.642-433.0	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>				
FRV 30 Me Surface Cleaner	73	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"/>
Extension hose FRV 30 Me and FRV 50 Me	74	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	<input type="checkbox"/>
<b>FOAM SYSTEMS</b>				
<b>Cup foam lance</b>				
Cup foam lance Advanced 3, 900 l/h - 2500 l/h	75	4.112-065.0	Specially designed for use with aggressive cleaning agents: High-quality cup foam lance Advanced 3 with spray angle adjustment and Eco brass for high-pressure cleaners from Kärcher.	<input type="checkbox"/>
Cup foam lance DUO Advanced 3, 900 l/h - 2500 l/h	76	4.112-069.0	DUO Advanced 3 cup foam lance, designed for use with aggressive detergents. With instant switching to high-pressure cleaning, spraying angle adjustment and two-litre tank.	<input type="checkbox"/>
Cup foam lance Basic 3, 900 l/h - 2500 l/h	77	4.112-055.0	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"/>
1-litre cleaning agent container for cup foam lance basic	78	5.071-414.0	For the quick change of the cleaning agent: Additional 1 litre cleaning agent container for basic foam lance (2.112-053.0, 2.112-054.0 and 2.112-055.0).	<input type="checkbox"/>
1-litre cleaning agent container for cup foam lance advanced	79	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	80	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	81	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	82	2.111-019.0	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	83	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"/>
<b>MIXERS AND INJECTORS</b>				
<b>HP detergent injector</b>				
Detergent injector for high and low pressure (without nozzles)	84	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	<input type="checkbox"/>

Available accessories.

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		Order no.	Description	
<b>MIXERS AND INJECTORS</b>				
<b>HP detergent injector</b>				
Detergent injector for high pressure	85	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	86	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.	87	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	88	4.769-001.0	For low pressure with machines up to 1.100 l/h	<input type="checkbox"/>
<b>COUPLING PARTS</b>				
<b>Rotary coupling</b>				
Rotary coupling	89	4.111-021.0	Reliably prevents twisting of HP hoses. Connection Easy!Lock. Handle protection	<input type="checkbox"/>
<b>Connector</b>				
Nozzle connector/screw connector	90	4.111-022.0	For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) - 1 × M 22 × 1.5/1 × M 18 × 1.5.	<input type="checkbox"/>
Y distributor	91	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	92	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	93	4.111-029.0	Adapter 1 to connect the old hose with the new hose	<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	94	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	95	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	96	4.111-032.0	Adapter 4 to connect the new gun with the old swivel hose	<input type="checkbox"/>
Adapter 5 TR22IG-M22AG	97	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	98	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"/>

Available accessories.

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<b>COUPLING PARTS</b>				
<b>Adapter EASY!Lock</b>				
Adapter 7 M18IG-TR20AG	99	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	100	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	<input type="checkbox"/>
Coupler -2xTR22 - EASY!Lock	101	4.111-037.0	Adapter 9 to connect the new hose with the new hose	<input type="checkbox"/>
ADAPTER for replacement TR22IG-M22AG Er	102	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"/>
<b>HOSE REELS</b>				
<b>Hose reel add-on kit</b>				
Hose reel attachment kit for HD petrol machines, 30 m	103	2.110-004.0	Hose reel attachment kit for installation on the machine, incl. connection hose for the machine HP outlet. Rotatable under pressure with EASY!Lock connection.	<input type="checkbox"/>
<b>Automatic, self-winding hose reels</b>				
Automatic plastic hose reel incl. high-pressure hose, 15 m	104	2.639-257.0	Spring-mounted and ready-to-use automatic hose reel for wall mounting. Simplifies handling of the high-pressure hose, shortens set-up times and increases occupational safety.	<input type="checkbox"/>
Automatic hose reel, powder-coated steel / plastic, 20 m	105	6.392-074.0	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, 20 m	106	6.392-083.0	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, 20 m	107	6.392-106.0	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, 20 m	108	6.392-105.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.	<input type="checkbox"/>
Automatic hose reel, stainless steel, includes swivel holder, 20 m	109	6.392-076.0	Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
Automatic stainless steel hose reel, 40 m	110	6.392-442.0	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"/>
Powder-coated swivel holder	111	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"/>
Stainless steel swivel holder	112	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"/>

Available accessories.

## EQUIPMENT FOR HD 9/23 DE

### 1.187-907.0

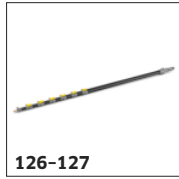


	Order no.	Description	
<b>FACADE AND SOLAR PANEL CLEANING</b>			
<b>Brushes</b>			
Drive for roller brush 500	113	4.762-584.0 Hydraulic drive for rotating roller brushes. For cleaning façades or solar power installations with our professional high-pressure cleaners. Installation on spray lance or telescopic lance.	<input type="checkbox"/>
Splash guard for roller brush 500	114	4.762-621.0 Splash guard with velcro fastening for rotating roller brush. Clear view of the brush thanks to transparent film, with protection against splashes at the same time.	<input type="checkbox"/>
Roller brush 500 soft	115	4.762-623.0 Soft brush attachment for use with hydraulic drive (4.762-584.0). Ideal for glass and solar power installation cleaning. Easy quick-change system and secure mounting on drive.	<input type="checkbox"/>
Roller brush 500 medium	116	4.762-624.0 Medium-hard brush attachment for use with hydraulic drive (4.762-584.0). Suitable for sensitive façades, foils and fabrics. Easy and safe quick-change system.	<input type="checkbox"/>
Roller brush 500 hard	117	4.762-625.0 Hard brush attachment for use with hydraulic drive (4.762-584.0). For rough façades, stone and wooden patios. Safe and easy quick-change system.	<input type="checkbox"/>
Brush hard	118	6.960-133.0 Brush with hard bristles for cleaning industry façades and floor coverings and removing coarse dirt. Simple installation on telescopic lances or high-pressure lances from Kärcher.	<input type="checkbox"/>
Brush medium	119	6.960-134.0 Optimally cleans façades, roller shutters and textile fabrics: the brush with medium-hard bristles for fast and simple attachment to telescopic lances or high-pressure lances from Kärcher.	<input type="checkbox"/>
Brush soft	120	6.960-135.0 For simple installation on telescopic lances or high-pressure lances from Kärcher: brush with soft bristles for deep cleaning of sensitive surfaces such as glass or solar systems.	<input type="checkbox"/>
iSolar 800 Advanced	121	6.368-094.0 iSolar 800 water-driven brush head, 800 mm wide, for water flow rates of 700-1,000 l/h. With two contra-rotating disc brushes and flexible angle joint. For photovoltaic systems.	<input type="checkbox"/>
iSolar 400 Advanced	122	6.368-092.0 iSolar 400 brush for water flow rate of 700-1,000 l/h. The water-driven disc brush with a width of 400 mm cleans small to medium-sized photovoltaic systems. Also perfect for use on elevated systems.	<input type="checkbox"/>
<b>Telescopic</b>			
TL low pressure adapter	123	4.580-097.0 TL low-pressure adapter comprising ball valve for tool-free installation on telescopic lances. Ideal for applications with rotating high-pressure brushes.	<input type="checkbox"/>
Telescopic lance TL 7 F	124	4.762-609.0 Telescopic lance TL 7 F with up to 7 m reach made from robust and lightweight glass fibre. With practical quick-release fasteners for simple retraction and extension.	<input type="checkbox"/>
Telescopic lance TL 7 H	125	4.762-610.0 Multifunctional hybrid telescopic lance TL 7 H made of rigid and lightweight carbon-glass fibre mix. Telescopic thanks to quick-release fastenings. Up to 7 m reach.	<input type="checkbox"/>
Telescopic lance TL 10 H	126	4.762-611.0 Up to 10 m reach: hybrid telescopic lance TL 10 H. Comprising carbon-glass fibre mix and suitable for multifunctional use. Simple retraction and extension thanks to quick-release fasteners.	<input type="checkbox"/>

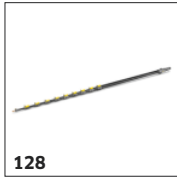
Available accessories.

## EQUIPMENT FOR HD 9/23 DE

### 1.187-907.0



126-127



128



129



130-131



133-135



136



137-138



139



140

	Order no.	Description		
<b>FACADE AND SOLAR PANEL CLEANING</b>				
<b>Telescopic</b>				
Telescopic lance TL 10 C	127	4.762-612.0	Carbon fibre telescopic lance TL 10 C. With up to 10 m reach and practical quick-release fasteners. Multifunctional use for cleaning facades, windows or solar panels.	<input type="checkbox"/>
Telescopic lance TL 14 C	128	4.762-613.0	Maximum rigidity with minimum weight: telescopic lance TL 14 C made from carbon fibre. Enormous reach of 14 m, multifunctional use and easy to use thanks to quick-release fasteners.	<input type="checkbox"/>
TL high pressure adapter	129	4.775-154.0	TL high-pressure adapter, flexible high-pressure gun for high-pressure cleaning with telescopic lances. Ergonomic, easy to install, suitable for right- and left-handed individuals.	<input type="checkbox"/>
<b>Wasserenthärtung</b>				
WS 50	130	6.368-463.0	The mobile WS 50 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water.	<input type="checkbox"/>
WS 100	131	6.368-464.0	The mobile WS 100 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water.	<input type="checkbox"/>
WS Regenerator	132	6.368-465.0	With the WS Regenerator regeneration system, the softening cartridges of the water softening units WS 50 and WS 100 can be backflushed and regenerated at the push of a button.	<input type="checkbox"/>
<b>Hoses</b>				
Hose solar	133	6.392-978.0	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"/>
	134	6.392-977.0	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"/>
	135	6.392-976.0	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"/>
<b>Attachment kits and adapters</b>				
Case sheet steel	136	6.988-152.0	Certified personal security system for rooftop work. Contents: Travelling fall arrestor with shock absorber and 15 m kernmantle rope, harness, anchoring sling and sheet steel case.	<input type="checkbox"/>
<b>WET BLASTING ATTACHMENT</b>				
<b>Wet blasting attachment (without nozzle)</b>				
Wet blasting attachment with flow control (without nozzles)	137	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)	138	4.115-006.0	Addition of spray agent to the high pressure jet. For paint stripping, rust removal and descaling. Assembly on spray lance instead of high-pressure nozzle. Without water flow regulation	<input type="checkbox"/>
<b>Nozzle pack for wet blasting attachment</b>				
Nozzle pack TR wet jet set 0055	139	2.112-024.0	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	140	6.415-084.0	In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	<input type="checkbox"/>

Available accessories.

## EQUIPMENT FOR HD 9/23 DE 1.187-907.0



		Order no.	Description	
<b>ADD-ON KITS</b>				
<b>Cage frame attachment kit</b>				
Cage frame attachment kit, large	141	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"/>
<b>WATER CONNECTION</b>				
<b>Geka coupling</b>				
With hose nozzle, R 3/4"	142	6.388-455.0	with hose liner	<input type="checkbox"/>
Hose coupling	143	6.388-458.0	with female thread	<input type="checkbox"/>
<b>Suction filter</b>				
Water filter	144	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	145	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	146	2.637-020.0	Water fine filter, mesh size 25 µm, max. temperature 50 °C. Protects the machine from small dirt particles in the water. Water volume up to 1200 l/h. 3/4" connection, with 1" adapter.	<input type="checkbox"/>
Fine-mesh water filter with adapter	147	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>WASHING BRUSHES</b>				
<b>Push-on washing brush</b>				
Push-on wash brush, M 18 × 1.5	148	4.113-001.0	For universal use for surface cleaning. Mounted using clamp directly at the spray lance. TR thread connection	<input type="checkbox"/>
<b>Rotating washing brush</b>				
Rotating wash brush for < 800 l/h machines, nylon bristles	149	4.113-004.0	The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 60°C. (M 18 × 1.5, replaceable brush insert).	<input type="checkbox"/>
Rotating wash brush for < 800 l/h machines, natural bristles	150	4.113-003.0	Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 × 1.5 (replaceable brush insert).	<input type="checkbox"/>
<b>DRUM AND TANK CLEANING</b>				
<b>Barrel and tank cleaning</b>				
Rotary cleaner head M63E	151	6.751-061.0	Compact interior cleaning head made of stainless steel for cleaning the interiors of drums and containers with openings of 65 mm or more. Offers an impressively low weight and constant rotation speed by means of an electric motor.	<input type="checkbox"/>

Available accessories.