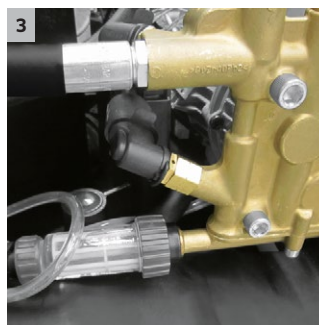




HDS 7/9-4 M (110V)

Medium class 110V hot water pressure washer with a host of user-friendly features.



1 Efficiency

- In the Eco setting the unit operates in the most economical temperature range (60°C) with full water flow.
- Burner cycles are optimised to reduce fuel consumption by up to 20% compared to full-load operation.

2 Maximum efficiency

- Highly efficient burner technology.
- 4-pole, slow-running electric motor guarantees a long working time.

3 Operational reliability

- The large, integrated fine-mesh water filter reliably protects the high-pressure pump against dirt particles.
- An integrated exhaust gas thermostat switches off the drive motor if the exhaust gas temperature exceeds 300°C.

4 Storage

- Safe and ample storage for protective gear, accessories and cleaning agents.
- Storage hooks for power cord and high-pressure hose.



HDS 7/9-4 M (110V)

- Axial pump with turbo blower
- Economical eco/efficiency mode
- SDS system

Technical data

Order Number		1.077-902.0
EAN code		4054278140049
Current type	Ph / V / Hz	1 / 110 / 50
Flow rate	l/h	350-700
Pressure	bar / MPa	30-90 / 3-9
Max. temperature	°C	80 / 155
Power rating	kW	3,2
Consumption fuel oil	kg/h	4,6
Fuel tank	l	25
Weight	kg	162,1
Dimensions (L x W x H)	mm	1330 x 750 x 1060

Equipment

		20 + 10 l tank	Electronic service control with LED display	■
Trigger gun		EASY!Force Advanced	Two detergent tanks	■
High-pressure hose	m	10 / Longlife	Dry running protection	■
Spray lance	mm	1050		
Power nozzle		■		
Servo Control		■		
ANTI!Twist		■		
Anti-twist system (AVS)		-		
Tanks for detergent, scale inhibitor and fuel can be filled from outside		■		
Control panel with indicator lamps		■		
Pressure switch control		■		

■ Included in delivery.

HDS 7/9-4 M (110V)

1.077-902.0

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		Order Number	ID	Max. working pressure	Length		Price	Description	
Standard with unions on both sides									
High-pressure hose, 10 m DN 8, AVS trigger gun connector	1	6.110-031.0	ID 8	315 bar	10 m			10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	▲
High-pressure hose, 15 m DN 8, AVS trigger gun connector	2	6.110-030.0	ID 8	315 bar	15 m			15 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	▲
High-pressure hose, 20 m DN 8, AVS trigger gun connector	3	6.110-032.0	ID 8	315 bar	20 m			20 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	▲
High-pressure hose, 30 m DN 8, including rotary coupling	4	6.110-014.0	ID 8	315 bar	30 m			With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose, 15 m DN 10, 220 bar, extension	5	6.110-042.0	ID 10	220 bar	15 m			15 m high-pressure hose M 22 x 1.5) with kink protection and threaded couplings at both ends. Further data: DN 10/155°C/220 bar.	▲
High-pressure hose, 20 m DN 10, 220 bar, extension	6	6.110-043.0	ID 10	220 bar	20 m			with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar	▲
High-pressure hose, 25 m DN 10, extension, not rotatable	7	6.110-044.0	ID 10	220 bar	25 m				▲
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m				▲
Hose assembly premium DN12 21MPa 15m	9	6.110-059.0	ID 12	210 bar	15 m			High-pressure hose for water volumes greater than 1,800 l / h. With union on both sides. 2x M 22 x 1.5 with anti-kink protection.	▲
Hose assembly premium DN12 21MPa 40m	10	6.110-060.0	ID 12	210 bar	40 m				▲
Hose assembly TR DN10 22MPa 10m	11	6.110-041.0	ID 10	220 bar	10 m				▲
Longlife 400 with unions on both sides									
High-pressure hose Longlife 400, 30 m DN 8, including rotary coupling	12	6.110-023.0	ID 8	400 bar	30 m			With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose Longlife 400, 20 m, DN 8, extension	13	6.110-027.0	ID 8	400 bar	20 m			with rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose Longlife 400, 15 m, DN 8, including rotary coupling	14	6.110-029.0	ID 8	400 bar	15 m			With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose packaged	15	6.110-038.0	ID 8	400 bar	10 m			Durable, 10 m long high-pressure hose (ID 8) with double steel reinforcement and EASY!Lock hand screw connection at both ends and ANTI!Twist. Approved for 400 bar pressure.	■
High-pressure hose 1.5 m, DN 8, including connectors	16	6.110-024.0	ID 8	400 bar	1.5 m			1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).	□
Food industry version with unions on both sides									
High-pressure hose, 10 m ID 8, suitable for food industry, extension piece	17	6.110-051.0	ID 8	250 bar	10 m			10 m high-pressure hose (DN 8) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. M 22 x 1.5 with anti-kink sleeve.	▲
High-pressure hose, 20 m ID 8, suitable for food industry, extension piece	18	6.110-052.0	ID 8	250 bar	20 m			20 m high-pressure hose (DN 8) with swivel coupling. Non-discolouring outer layer for use in the food industry. Connectors at both ends, M 22 x 1.5, with kink protection. NW 8/155°C/250 bar.	▲

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

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		Order Number	ID	Max. working pressure	Length		Price	Description	
Longlife food industry version with unions on both sides									
High pressure hose food DN 8 / 10 m	19	6.110-053.0	ID 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.

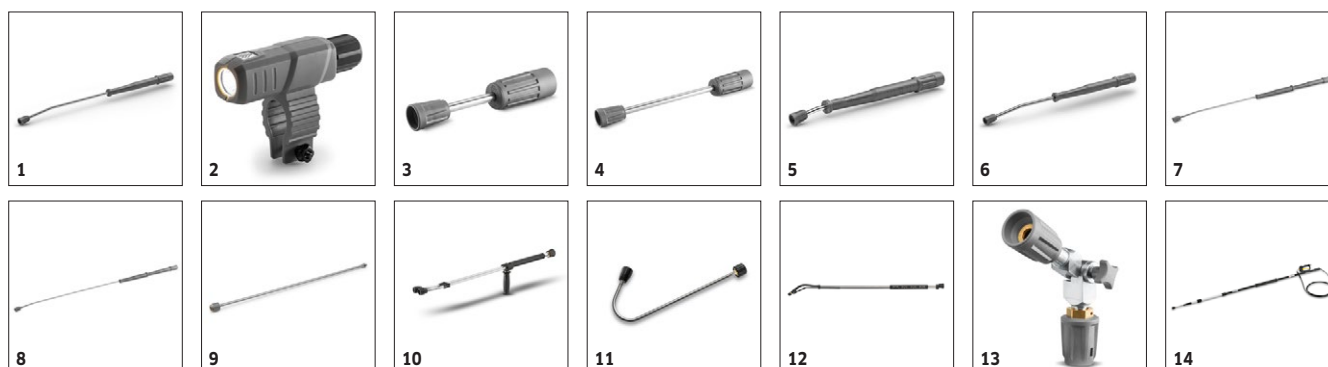
HDS 7/9-4 M (110V) 1.077-902.0

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		Order Number	Flow rate				Price	Description	
Trigger guns									
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.	□
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.	□

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

HDS 7/9-4 M (110V) 1.077-902.0

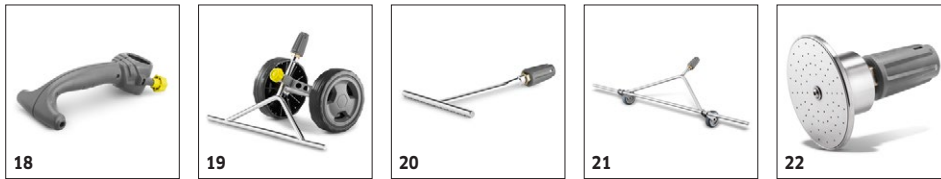
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		Order Number	Max. working pressure	Length			Price	Description	
Rotating spray lances									
1050 mm lance, rotatable, ergonomic	1	4.112-000.0	300 bar	1050 mm				1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
Nozzle Light	2	2.680-002.0		125 mm				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.	□
550 mm lance, non-rotatable	4	4.112-024.0	300 bar	400 mm					□
Rotatable lance, 600 mm, ergonomic	5	4.112-007.0	300 bar	600 mm					□
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.	□
Double lance									
Double lance 960 mm	10	2.112-016.0	310 bar	960 mm				960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use (e.g. stable cleaning).	□
Angular spray lance									
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.	□
Flexible spray lance									
Flexible lance 1050 mm	12	4.112-035.0	210 bar	1050 mm				1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	□
Articulated joint TR 20	13	4.112-057.0	300 bar					For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.	□
Telescopic spray lance									
Telescopic 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.	□
Gutter cleaner									
Gutter cleaning lance	16	2.112-015.0		960 mm				The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.	□
Undercarriage spray lance									
Underbody lance	17	4.112-032.0		700 mm				Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	□

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

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		Order Number	Max. working pressure	Length			Price	Description	
Additional handle									
Additional handle for EASY!Lock spray lances	18	4.321-380.0						Comfortable in every situation - the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task.	<input type="checkbox"/>
Weed control									
WR 50	19	2.114-013.0						In combination with a hot water high-pressure cleaner from Kärcher, the 50 cm wide weed remover WR 50 is ideal for removing weeds. It comes with an adaptive chassis and nozzle adapter.	<input type="checkbox"/>
WR 20	20	2.114-014.0						For thorough weed removal: The WR 20 weed remover for use with a hot water high-pressure cleaner from Kärcher. Equipped with a 20 cm wide nozzle bar and nozzle adapter.	<input type="checkbox"/>
WR 100	21	2.114-015.0						For thorough weed removal: The WR 100 weed remover for use with a hot water high-pressure cleaner from Kärcher. Equipped with a 100 cm wide nozzle bar and nozzle adapter.	<input type="checkbox"/>
WR 10	22	2.114-016.0						In combination with hot water high-pressure cleaners our WR 10 weed remover enables fast and thorough weed removal. With 10 cm spray head and nozzle adapter.	<input type="checkbox"/>

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

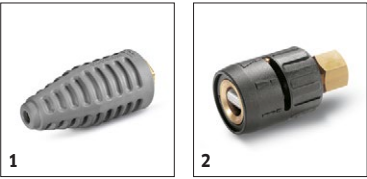
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		Order Number	Nozzle size					Price	Description
Power nozzle spray angle 25°									
Power nozzle 25° spray angle	1	2.113-026.0	60						Fan jet nozzle for large-area coverage and stubborn dirt and stains. ■
HP nozzle spray angle 0°									
High-pressure nozzle spray angle 0°	2	2.113-036.0	60						Solid jet for very stubborn dirt and stains. □
Power nozzle spray angle 15°									
Power nozzle spray angle 15°	3	2.113-048.0	60						Fan jet nozzle for stubborn dirt and stains. □
Power nozzle spray angle 40°									
Power nozzle spray angle 40°	4	2.113-056.0	75						Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces. □

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

HDS 7/9-4 M (110V) 1.077-902.0



		Order Number	Max. working pressure	Nozzle size			Price	Description	
Dirt blaster, large									
Dirt blaster - without changeover function	1	4.114-036.0	300 bar	55				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"/>
Angle vario nozzle 0°-90°									
Variable angle nozzle 0-90°	2	4.113-006.0		80				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.

HDS 7/9-4 M (110V)

1.077-902.0

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		Order Number						Price	Description	
Nozzle union										
Nozzle screws	1	4.112-011.0							Nozzle screws with protectors for high-pressure and power nozzles	<input type="checkbox"/>
HP detergent injector										
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"/>
Machine-specific nozzle kit with order no. 3.637-170										
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"/>
Nozzle insert with order no. 3.637-001										
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"/>
Rotary coupling										
Rotary coupling	7	4.111-021.0							Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.	<input type="checkbox"/>
Coupling										
Coupler -2xM22x1,5	8	4.111-037.0							Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.	<input type="checkbox"/>
Connector										
Nozzle 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"/>
Adapter EASY!Lock										
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.

HDS 7/9-4 M (110V) 1.077-902.0



		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"/>
Flue pipe									
Flue gas adapter	21	4.656-149.0						Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).	<input type="checkbox"/>
	22	4.656-080.0							<input type="checkbox"/>

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



		Order Number	Max. working pressure	Nozzle size	Diameter		Price	Description	
Pipe cleaning hose, ID 6									
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar					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"/>
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 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"/>
Nozzle pipe cleaning size 80	6	5.763-087.0		80	24 mm			Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	<input type="checkbox"/>
Nozzle pipe cleaning size 120	7	5.763-089.0		120	24 mm			Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	<input type="checkbox"/>
Pipe cleaning nozzle	8	5.763-019.0		65	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"/>
	9	5.763-016.0		60	16 mm				<input type="checkbox"/>
	10	5.763-021.0		70	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	11	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"/>
Barrel and tank cleaning									
Barrel cleaner BC 14/12	12	2.112-020.0						The barrel cleaner BC 14/12 is a spray unit for the internal cleaning of containers and drums - in particular oak barrels with a capacity between 225 and 600 liters.	<input type="checkbox"/>
HKF 50 spray head, brass									
HKF 50 spray head, brass	13	3.631-058.0						Interior cleaning head for barrels and containers with bung-holes of 50 mm and more.	<input type="checkbox"/>
Nozzle kit for HKF 50 spray head (3.631-009.0 / 3.631-039.0)									
Nozzle 090 for single nozzle operation HKF 50	14	6.415-447.0		90				Nozzle for single-nozzle operation	<input type="checkbox"/>
Double handle for exact control of the spray head	15	2.863-036.0						Double handle. Precise control of the spray head	<input type="checkbox"/>
Screw plug for using a spray head with one nozzle	16	5.411-061.0						Screw plug for using a spray head with one nozzle	<input type="checkbox"/>

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

HDS 7/9-4 M (110V)

1.077-902.0

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		Order Number	Flow rate	Nozzle size	Diameter	Price	Description	
Hard Surface Cleaner FRV 30								
Add-on kit hose attachment	1	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	<input type="checkbox"/>
Add-on kit dirt trap	2	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	<input type="checkbox"/>
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	3	2.111-013.0			300 mm		Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.	<input type="checkbox"/>
Hard Surface Cleaner FR 50								
FR 50 surface cleaner	4	2.111-023.0			500 mm		Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas. With double ceramic bearings, push handle, non-marking swivel castors and detergent dosing system.	<input type="checkbox"/>
Machine-specific nozzle kit for FR								
Nozzle kit for surface cleaners (type-specific) 650 - 850 l/h	5	2.639-187.0	650-850 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).	<input type="checkbox"/>
Machine-specific nozzle kits for FRV								
Nozzle kit 080 - for FRV	6	2.642-982.0		80			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	<input type="checkbox"/>
Hard surface cleaner FRV 30 Me								
Extension hose FRV 30 Me and FRV 50 Me	7	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	<input type="checkbox"/>
FRV 30 Me Surface Cleaner	8	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"/>
Surface Cleaner FR 50 Me								
FRV 50 Me surface cleaner	9	2.111-024.0					Surface cleaning with automatic suction of the dirty water for very large surfaces. Hot water cleaning up to 85°C.	<input type="checkbox"/>

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

HDS 7/9-4 M (110V)

1.077-902.0

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		Order Number	Flow rate					Price	Description	
Cup foam lance										
Cup foam lance Basic 2	1	4.112-054.0	700-800 l/h						For high-pressure cleaners with a flow rate of 700-800 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"/>
Cup foam lance Advanced 042	2	2.112-018.0							Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	<input type="checkbox"/>
Tank grey only for replacement 1L	3	6.414-050.0							Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).	<input type="checkbox"/>
Inno Foam Set										
Inno foam kit with detergent injector	4	2.112-000.0							High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.	<input type="checkbox"/>
Inno foam kit	5	2.112-008.0								<input type="checkbox"/>
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.	<input type="checkbox"/>
Easy foam set	7	2.112-011.0								<input type="checkbox"/>
Nozzle kits for Inno/Easy Foam Set										
Nozzle kit 090 Inno/Easy kit 700 - 1000 l/h	8	2.111-019.0	700-1000 l/h						Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 l/h. For optimal foam system performance.	<input type="checkbox"/>
Foam nozzle mounting kit										
Foam nozzle kit	9	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.

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		Order Number	Length					Price	Description	
Automatic, self-winding hose reels										
Add-on kit hose reel plastics	1	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	2	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	3	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	4	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	5	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	6	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 spring drive. Connection for HP hoses with nipple.	<input type="checkbox"/>
Add-on kit hose reel TR 40m	7	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	8	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	9	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"/>
Anbausatz Schlauchtrommel automatik										
Add-on kit hose reel HDS M/S	10	2.110-011.0							Automatic hose reel as a complete attachment kit that's easy to mount. Suitable for HDS medium and super class. For maximum convenience when winding and unwinding the high-pressure hose.	<input type="checkbox"/>
Add-on kit holder hose reel TR	11	2.110-020.0							Holder includes connection material for installing an automatic hose reel to machines in the HDS Middle and Super classes.	<input type="checkbox"/>

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

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		Order Number	Nozzle size				Price	Description	
Wet blasting attachment (without nozzle)									
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0						Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.	<input type="checkbox"/>
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0						Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet. Without flow control.	<input type="checkbox"/>
Nozzle pack for wet blasting attachment									
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.	<input type="checkbox"/>
Nozzle pack TR wet jet set 0065	4	2.112-026.0	65					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"/>
Boron carbide nozzle									
Boron carbide nozzle, for machines as of 1000 l/h	5	6.415-084.0	6 mm					In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	<input type="checkbox"/>

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HDS 7/9-4 M (110V) 1.077-902.0

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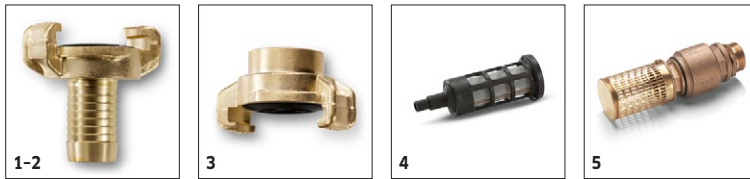


		Order Number					Price	Description	
Crane lifting kit									
Crane loading kit for HDS middle and super class	1	2.642-424.0						Effortless loading by crane.	<input type="checkbox"/>
Transport eyelet attachment kit	2	2.644-053.0						Robust transport eyelet attachment kit for the secure fixing of HDS Medium and Super Class pressure washers during transport.	<input type="checkbox"/>
Flame monitoring attachment kit									
ABS flame monitor for HDS M/S	3	2.641-796.0						More safety thanks to ABS HDS M/S flame monitoring system: A light sensor monitors the burner flame. The fuel supply cuts out automatically if the flame extinguishes.	<input type="checkbox"/>
Accumulator kits									
Add-on accumulator for HDS M/S	4	2.641-803.0						The accumulator can be mounted on the HDS machine in order to dampen pressure surges, which conserves the machine's line system.	<input type="checkbox"/>
Remote control set									
Remote control set	5	2.642-157.0						Remote control for the machines of the HDS Middle and Super class with the functions on/off, hot/cold water and cleaning agent on/off. For mounting to a wall.	<input type="checkbox"/>
Coin-op remote control									
Coin-op remote control	6	2.642-158.0						Retrofittable coin acceptor for machines in the HDS Middle and Super class for self-service operation. For installation on the machine.	<input type="checkbox"/>

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

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		Order Number			Price	Description	
Geka coupling							
With hose nozzle, R 3/4"	1	6.388-455.0				with hose liner	<input type="checkbox"/>
With hose nozzle, R 1"	2	6.388-465.0				with hose barb	<input type="checkbox"/>
Hose coupling	3	6.388-458.0				with female thread	<input type="checkbox"/>
Suction filter							
Water filter	4	6.414-956.0				Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve	<input type="checkbox"/>
Suction filter with check valve	5	4.730-012.0				Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	<input type="checkbox"/>

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

HDS 7/9-4 M (110V) 1.077-902.0



		Order Number			Price	Description	
Fine-mesh water filter							
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".	□

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

HDS 7/9-4 M (110V) 1.077-902.0



		Order Number			Price	Description	
Fine-mesh water filter, 100 µm, 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".	<input type="checkbox"/>
Water supply hose							
Water supply hose	8	4.440-038.0				NW 13 R1" / R 3/4", up to 30 °C	<input type="checkbox"/>
	9	4.440-207.0				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	<input type="checkbox"/>

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

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		Order Number			Price	Description	
Backflow check valve							
Backflow preventer	10	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.

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		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.	<input type="checkbox"/>
Rotating washing brush									
Rotating wash brush for < 800 l/h machines, nylon bristles	2	4.113-004.0	500-800 l/h					The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 60°C. (M 18 x 1.5, replaceable brush insert).	<input type="checkbox"/>
Rotating wash brush for < 800 l/h machines, natural bristles	3	4.113-003.0	500-800 l/h					Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert).	<input type="checkbox"/>

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