



HD 10/25-4 SX Plus

The HD 10/25-4 SX Plus cold water high-pressure cleaner in an upright construction style impresses with EASY!Force high-pressure gun, pressure switch control and Servo Control.











1 Save time and effort: EASY!Force high-pressure gun and EASY!Lock quick-release couplings.

- Effortless operation at last: the EASY!Force high-pressure gun.
- EASY!Lock quick-release couplings: durable and robust. And five times faster than screws.

2 Proven Kärcher quality

- 4-pole water-cooled electric motor.
- Robust brass cylinder head and ceramic piston.



3 Hose storage

- With bearings on both sides, for 20 m pressure hose.
- Hose guide passes under machine for high resistance to tipping.

For increased safety 4

- Integrated electronics system for machine monitoring.
- Automatic switch-off in case of low voltage range or overvoltage.

TECHNICAL DATA AND EQUIPMENT

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HD 10/25-4 SX Plus

Save time and effort: EASY!Force high-pressure gun and

- EASY!Lock quick-release couplings.
- Water-cooled three-phase motor
- Maximum impact pressure for stubborn dirt

Technical data				
Order no.		1.286-927.0		
EAN code		4054278163246		
Current type	Ph / V / Hz	3 / 400 / 50		
Flow rate	l/h	500-1000		
Working pressure	bar / MPa	30-250 / 3-25		
Max. pressure	bar / MPa	275 / 27.5		
Max. inlet temperature	°C	60		
Connection load	kW	9.2		
Weight	kg	73.8		
Dimensions (L × W × H)	mm	560 × 500 × 1090		
Cleaning agent function		6 I tank		
Equipment				
Spray gun		EASY!Force Advanced	Electronic motor protection with LED display	•
Spray gun with soft grip			Oil level indicator	
High-pressure hose	m	20	Servo Control	
Spray lance	mm	1050	Brass water inlet	
Power nozzle				
Dirt blaster		•		
Integrated pressure hose reel		•		
ANTI!Twist		•		
4-pole, three-phase motor with air and water cooling		•		

Included in the scope of supply.

Pressure cut-off

Large water fine filter

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		Order no.	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides				1				-
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 10 m, ANTI!Twist		6.110-031.0	ID 8	315 bar	10 m		High-pressure hose (ID 8) suitable for up to 315 bar pres- sure. High-pressure hose with innovative EASY!Lock hand screw connection at both ends, ANT!!Twist, 10 m long.	
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 15 m, ANTI!Twist	2	6.110-030.0	ID 8	315 bar	15 m		15 m long high-pressure hose, ID 8, with ANTI!Twist at both ends with time-saving EASY!Lock hand screw connection.	4
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 20 m, ANTI!Twist	3	6.110-032.0	ID 8	315 bar	20 m		High-pressure hose (ID 8), 20 m long, with time-saving and robust EASY!Lock hand screw connection at both ends. For up to 315 bar pressure.	
High-pressure hose, 2 x EASY!Lock, DN 8, 315 bar, 30 m, ANTI!Twist	4	6.110-014.0	ID 8	315 bar	30 m		Convenient length (30 m) and innovative EASY!Lock hand screw connection: high-pressure hose (ID 8) with ANTI!Twist for up to 315 bar pressure.	
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 15 m	5	6.110-042.0	ID 10	220 bar	15 m		With innovative EASY!Lock hand screw connection for up to 220 bar pressure: 15 m long high-pressure hose (ID 10).	
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 20 m	6	6.110-043.0	ID 10	220 bar	20 m		Main features of this high-pressure hose (ID 10): 20 m long with extremely time-saving and convenient EASY!Lock hand screw connection at both ends.	
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 25 m	7	6.110-044.0	ID 10	220 bar	25 m		Impressive values and basic equipment: high-pressure hose, (ID 10), 25 m long, for up to 220 bar pressure.	
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 40 m	8	6.110-045.0	ID 10	220 bar	40 m		40 m long high-pressure hose with EASY!Lock system for time-saving hand screw connection (at both ends). (ID) 10, up to 220 bar working pressure.	
High-pressure hose, 2 x EASY!Lock, DN 12, 210 bar, 15 m	9	6.110-059.0	ID 12	210 bar	15 m		Suitable for up to 250 bar working pressure: high-pressure hose (ID 12), 15 m long, with convenient EASY!Lock hand screw connection at both ends.	
High-pressure hose, 2 x EASY!Lock, 2x EASY!Lock, DN 12, 210 bar, 40 m	10	6.110-060.0	ID 12	210 bar	40 m		With EASY!Lock hand screw connection, 40 m long for wide working radius: high-pressure hose (ID 12) with EASY!Lock hand screw connection at both ends. Suitable for up to 250 bar working pressure.	
Hose assembly TR DN10 22MPa 10m	11	6.110-041.0	ID 10	220 bar	10 m			
High-pressure hose, 2 x EASY!Lock, ID 8, 315 bar, 15 m	12	6.110-033.0	ID 8	315 bar	15 m		15 m long high-pressure hose, ID 8, with ANTI!Twist at both ends with time-saving EASY!Lock hand screw connection.	[
Longlife 400 with unions on both si	des							
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 30 m, ANTI!Twist	13	6.110-023.0	ID 8	400 bar	30 m		Durable high-pressure hose with double steel reinforcement ANTI!Twist and EASY!Lock hand screw connection at both ends. ID 8, 30 m long, for up to 400 bar pressure.	t,
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 20 m, ANTI!Twist	14	6.110-027.0	ID 8	400 bar	20 m		High-pressure hose with ANTI!Twist, EASY!Lock hand screw connections and double steel reinforcement. 20 m long, ID 8 EASY!Lock hand screw connection at both ends.	
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 15 m, ANTI!Twist	15	6.110-029.0	ID 8	400 bar	15 m		The double steel reinforcement ensures a long lifetime of this 15 m long high-pressure hose (ID 8), approved for up to 400 bar pressure hose.) 4
Standard								
High-pressure hose AVS hose reel -connection, NW 8, 315 bar, 20 m, ANTI!Twist	16	6.110-011.0	ID 8	315 bar	20 m		High-pressure hose with AVS hose reel connection and EASY!Lock hand screw connection.	
Longlife 400								
High-pressure hose Longlife 400, AVS hose reel connection, ID 8, 400 bar, 20 m, ANTI!Twist	17	6.110-028.0	ID 8	400 bar	20 m		20 m high-pressure hose (ID 8), for up to 400 bar pressure. With AVS hose reel connection and double steel reinforce- ment. EASY!Lock hand screw connection at other end of the hose.	Г

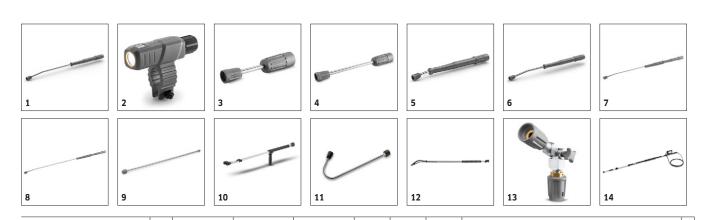


		Order no.	ID	Max. working pressure	Length	Price	Description
Longlife food design							
Hose assembly TR hygiene DN8	18	6.110-075.0	ID 8	400 bar	20 m		
40MPa 20m		1					

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		Orden as	Elevy vete		Dries	Description	
		Order no.	Flow rate		Price	Description	
Trigger guns							
EASY!Force Advanced	1	4.118-005.0				Effortless, not energy-sapping: the EASY!Force high-pres- sure 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 pres- sure hose	2	4.111-050.0					
Conversion kit 2 from device	3	4.111-051.0					
Conversion kit 3 only EASY!Force	4	4.111-052.0					
Servo control							
Servo Control controller with EASY!Lock	5	4.118-008.0	750-1100 l/h			Water quantity and pressure regulated directly from the hand spray gun.	
Quick connect							
Quick coupling	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.	
Male coupling	7	2.115-001.0				Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.	



			Max. working					
		Order no.	pressure	Length		Price	Description	
Rotating spray lances			1					
1050 mm spray pipe, rotatable	1	4.112-000.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360' under pressure.	
LED nozzle light	2	2.680-002.0		125 mm				
Spray lance, 250 mm, rotating	3	4.112-027.0	300 bar	250 mm			600 mm stainless steel lance (manual coupling) with ergo-	
Spray lance, 400 mm, rotatable	4	4.112-024.0	300 bar	400 mm			nomic handle for ease of use and protection. Rotatable 360°	
600 mm spray pipe, rotatable	5	4.112-007.0	300 bar	600 mm			under pressure.	
Spray lance, 840 mm, rotating	6	4.112-006.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.	•
1550 mm spray pipe, rotatable	7	4.112-018.0	300 bar	1550 mm			1550 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360' under pressure.	, 🗆
2050 mm spray pipe, rotatable	8	4.112-021.0	300 bar	2050 mm			2050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360' under pressure.	, 🗆
EASY!Lock 1000 mm spray lance extender	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								
Spray lance for toilets and rain gutters	11	4.112-029.0					Stainless steel lance WC and gutter with nozzle insert. Spe- cially shaped for effective and hygienic cleaning of gutters and toilets.	
Flexible spray lance						·		
Flexible lance 1050 mm	12	4.112-035.0	210 bar	1050 mm			1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	
TR 20 articulated joint	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 spray lance	14	4.112-037.0	225 bar	5400 mm			Can be continuously extended from 1.8 to 5.4 m. For clean- ing areas that are difficult to reach, such as ceilings or fa- cades. With integrated HD trigger gun, M 22 x 1.5 connec- tion with rotary coupling. Connection for M 18 x 1.5 nozzles	
Strap for telescopic spray pipe	15	6.373-987.0					Convenient strap for relief when working with the telescop- ic spray lance (6.394-690). The burden is optimally distrib- uted on the body and longer periods of use are possible.	-
Gutter cleaner					1		Total on the body and longer periods of use are possible.	-
Gutter cleaning lance	16	2.112-015.0		960 mm			The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.	
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.	

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		Order no.	Max. working pressure	Length		Price	Description
Additional handle Additional handle for EASY!Lock spray lances	18						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. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360°-rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.



		Order no.	Max. working pressure	Nozzle size	Price	Description
Dirt blaster, large						
Dirt blaster, large 050	1	4.114-027.0	300 bar	50		The dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Ceramic nozzle and bearing ring for a long service life. Further data: Max. 300 bar, 30 MPa, 85°C.
Triple nozzles						
Triple nozzle 050	2	4.117-037.0	300 bar	50		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. Connection M 18 x 1.5.
Angled vario nozzle 0-90°						
Angled Vario nozzle 0-90°	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.



		Order no.	Nozzle size		Price	Description	
Power nozzle spray angle 25°							
Power nozzle 25° - 047	1	2.113-009.0	47			Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	
Power nozzle spray angle 15°							
Power nozzle 15° - 055	2	2.113-047.0	55			Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	
Power nozzle spray angle 40°						·	
Power nozzle 40° - 050	3	2.113-054.0	50			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	
HP nozzle spray angle 0°							
High-pressure nozzle 0° - 050	4	2.113-034.0	50			High-pressure nozzle with powerful jet for extremely stub- born dirt.	

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		Order no.					Price	Description
Nozzle union								
Nozzle screws	1	4.112-011.0						Nozzle screws with protectors for high-pressure and power
Machine-specific nozzle kit with or	der no	4 637-033 0						nozzles
Nozzle kit 750-1000 l/h	2	1						For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union
Nozzle insert with order no. 4.637-	032.0		· · · · · ·					
Nozzle insert up to 1,100 l/h - high pressure	3	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.
Nozzle insert up to 1,100 l/h - low pressure	4	4.769-001.0						For low pressure with machines up to 1.100 l/h
Rotary coupling		<u>I</u> I			<u>I I</u>			
Rotary coupling	5	4.111-021.0						Reliably prevents twisting of HP hoses. Connection M 22 x 1.5 m. Handle protection
Coupling								
Adapter hose extension 9 TR	6	4.111-037.0						Adapter 9 to connect the new hose with the new hose
Connector		г г	1		1 1			1
Screw socket for surface cleaners and Servo Control controllers	7	4.111-022.0						For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) - 1 x M 22 x $1.5/1$ x M 18 x 1.5 .
Short spray unit	8	4.111-038.0						For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.
EASY!Lock adapter		· · · · · ·						
Adapter 1 M22AG-TR22AG	9	4.111-029.0						Adapter 1 to connect the old hose with the new hose
Adapter 2 M22IG-TR22AG	10							Adapter 2 to connect the old device with the new hose and the old gun with the new hose
Adapter 3 M22IG-TR22AG	11	4.111-031.0						Adapter 3 to connect the old gun with the new spray lance and new servo regulator
Adapter 4 TR22IG-D11	12	4.111-032.0						Adapter 4 to connect the new gun with the old swivel hose
Adapter 5 TR22IG-M22AG	13	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
Adapter 6 TR22IG-M22AG	14	4.111-034.0						Adapter 6 to connect the new device with the old hose and the old hose with the new gun
Adapter 7 M18IG-TR20AG	15	4.111-035.0						Adapter 7 to connect the old spray lance with the new nozzle
Adapter 8 TR20IG-M18AG	16	4.111-036.0						Adapter 8 to connect the new spray lance with the old nozzle
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 x 1.8 AG	17	4.111-046.0						Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection

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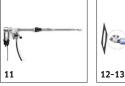






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		Order no.	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6								
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	1	6.110-046.0	250 bar				The 10 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	-
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	2	6.110-008.0	250 bar				The 20 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	. 🗆
Pipe cleaning hose, ID 6, 30 m, max. 250 bar	3	6.110-047.0	250 bar				The 30 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	- 🗆
Pipe cleaning nozzle								
Pipe cleaning dirt blaster D21/060 Pipe cleaning dirt blaster D30/060	4	4.765-002.0 4.765-005.0		60 60	21 mm 30 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 han- dling.	
Pipe cleaning nozzle 080	6	5.763-087.0		80	24 mm		Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	
Pipe cleaning nozzle	7	5.763-019.0		65	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet	t 🗆
	8	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	9	5.763-021.0		70	30 mm		30 mm pipe cleaning nozzle with internal thread. Various jel directions for environmentally-friendly cleaning of blocked drains and pipes.	
Rotating pipe cleaning nozzle	10	6.415-440.0		65	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	
Barrel and tank cleaning						 	The second s	
Barrel cleaner BC 14/12	11	2.112-020.0					Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment per- formance. Only in combination with wet blasting attachment 4.115-000.0 4.115-006.0.	t 🗆
HKF 50 spray head, brass								
HKF 50 spray head, brass	12	3.631-039.0					Depth of immersion 850 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally	
	13	3.631-058.0					Depth of immersion 150 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally	
Nozzle kit for spray head HKF 50 (3		009.0 / 3.631-03	9.0)					
Nozzle 045 for 2-nozzle operation HKF 50	14	6.415-446.0		45			Nozzle for dual-nozzle operation	
Nozzle 090 for 1-nozzle operation HKF 50	15	6.415-447.0		90			Nozzle for single-nozzle operation	

Nozz HKF Nozzle 090 for 1-nozzle operation 6.415-447.0 Nozzle for single-nozzle operation 15 90 HKF 50 Double grip for precise control of 16 2.863-036.0 Double handle. Precise control of the spray head spray head Screw plug for using a spray head 17 5.411-061.0 Screw plug for using a spray head with one nozzle with one nozzle

■ Included in the scope of supply. Available accessories. ▲ Extension hose.

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		Order no.	Flow rate	Nozzle size	Diame- ter	Price	Description
Hard Surface Cleaner FRV 30	1	2642.010.0		1	1 1		For smooth floors indeers. The squeezes increases the
Rubber lip for FRV 30	1	2.642-910.0					For smooth floors indoors. The squeegee increases the suction performance of the FRV 30 and minimises the amount of water remaining. This means the floor is dry in just a few minutes.
Extension hose 5 m	2	4.440-939.0					5m extension hose for FRV 30. Connection sleeve included.
Hose fastening attachment kit	3	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.
Dirt trap attachment kit	4	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for
FRV 30 Surface Cleaner	5	2.111-010.0					fixing the suction hose in outside areas. P 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.
FR 30 Me surface cleaner							
Hard Surface Cleaner FR 30 Me	6	2.111-013.0			300 mm		Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.
Hard Surface Cleaner FR 50	-	2 111 022 0		1	500 mm		List water registent staipless steel surface cleaner with EQO
Surface Cleaner FR 50 Me	7	2.111-023.0			500 mm		Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas.With double ceramic bearings, push handle, non-marking swivel castors and detergent dosing system.
Machine-specific nozzle kits for FR	1	2010 112 2	050 4400 1/				
Nozzle kit for surface cleaners		2.640-442.0	850-1100 l/h				Nozzle kit includes power nozzles and unions. For Kârcher surface cleaners (850 to 1100 l/h).
Machine-specific nozzle kits for FR Nozzle kit 050 - for FRV	1	2.642-433.0		50			Machine-specific nozzle kit with Kärcher power nozzles and Liet nozzle for FRV 30.
FRV 30 Me surface cleaner							
Extension hose FRV 30 Me and FRV 50 Me	10	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.
FRV 30 Me Surface Cleaner	11	2.111-012.0					Thanks to automatic suction of the dirty water, the stainless steel FRV 30 Me Surface Cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85°C.
Surface Cleaner FR 50 Me FRV 50 Me surface cleaner	12	2.111-024.0					Surface cleaning with automatic suction of the dirty water for very large surfaces - this means the FRV 50 Me. Hot water cleaning up to 85°C. The FRV 50 Me features a tem- perature-resistant 10 m polyurethane suction hose. Addi- tional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 2000 l/h / 85°C.

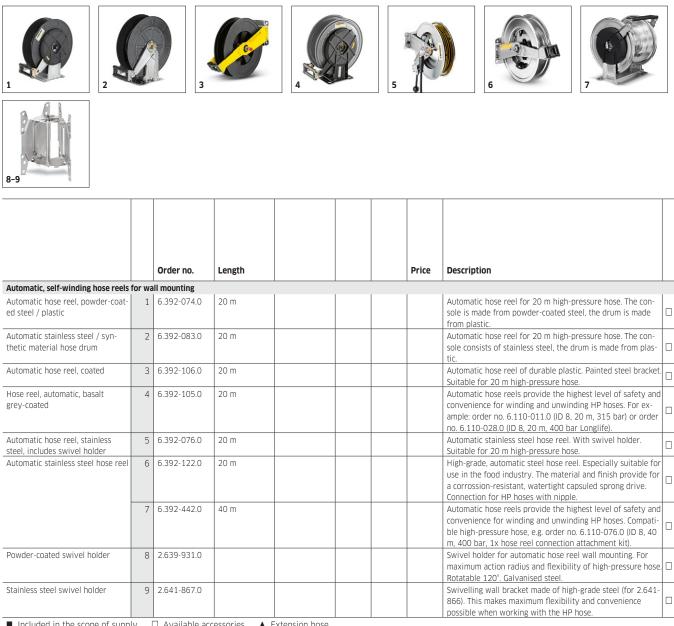
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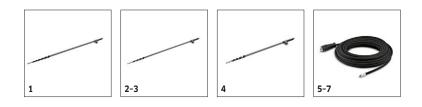


		Order no.	Flow rate		Price	Description	
Cup foam lance			11	1		1	-
Cup foam lance Basic 3	1	4.112-055.0	900-2500 l/h			High-quality, simple and durable: Basic 3 cup foam lance for high-pressure cleaners with a flow rate of 900-2500 l/h. Halves the cleaning agent consumption while maintaining optimum foam quality.	
Cup foam lance Advanced 025	2	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.	[
1-litre cleaning agent container for advanced foam lance	3	6.414-050.0				Additional 1-litre cleaning agent container for quick replace ment of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).	
Inno Foam Kit							
Inno Foam Set with detergent injector	4	2.112-000.0				High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.	[
Easy Foam Set							
Easy Foam Set with RM injector	5	2.112-010.0				HP foam system for use with. HD/HDS units for cleaning and disinfecting. Foam nozzle for connection to lance and HP chemical injector with precision 0-5% metering valve. The machine specific nozzle kit has to be ordered separately.	1 [
Nozzle kits for Inno/Easy Foam Set							
Nozzle kit 090 for Inno / Easy Set 700-1,000 l/h	6	2.111-019.0	700-1000 l/h			Nozzle kit contains Kärcher power nozzles and nozzle in- serts. For Inno/Easy-Foam set 700-1000 I/h. For optimal foam system performance.	[
Foam nozzle mounting kit							
Foam nozzle attachment kit	7	2.112-013.0				Foaming agent kit. The foam nozzle is ideal for use in sani- tary areas and the food industry and wherever long applica tion times are necessary.	- [

luded in the scope of supply. $\ \square$ Available accessories. lacksquare Extension hose

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		Order no.	Flow rate	Inlet tempera- ture	Length	Length	Price	Description	
Solar cleaning - telescopic lances									
iSolar TL 14 C (without hose)	1	4.110-002.0		max. 60 °C				Full carbon telescopic rod for maximum rigidity with mini- mal weight. With 14 m max. reach and practical quick-re- lease couplings for easy extension and retraction.	
iSolar TL 10 C (without hose)	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 convenien extension and retraction. The speed is regulated via ball tap guaranteeing easy handling. For occupational safety rea- sons, the lowest lance element is made from a carbon-fibre- glass mixture for electrical insulation.	,
iSolar TL 10 H (without hose)	3	4.110-003.0		max. 60 °C				Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 10 m max. reach and practical quick-release couplings for easy exten- sion and retraction.	
iSolar TL 7 H (without hose)	4	4.110-004.0		max. 60 °C				Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 7.2 m max. reach and practical quick-release couplings for easy exten- sion and retraction.	
iSolar HP hose 7	5	6.392-978.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod	
iSolar HP hose 10	6	6.392-977.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod	
iSolar HP hose 14	7	6.392-976.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod	



		Order no.	Nozzle size			Price	Description
Wet blasting attachment (without n	ozzle)						
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0					Paint, rust and scale removal made easy: Kärcher wet blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet.
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0					Paint, rust and scale removal made easy: Kärcher wet blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet. Without flow control.
Nozzle kits for wet jet unit							
Nozzle kit for wet jet unit 050	3	2.112-023.0	50				Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kårcher wet blasting attachment per- formance. Only in combination with wet blasting attachment
Boron carbide nozzle				<u> </u>			
Boron carbide, for machines from 1,000 l/h	4	6.415-083.0	8 mm				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.



		Order no.			Price	Description
Attachment kit for transport						
Crane loading kit for HD Super class	1	2.640-438.0				Effortless loading by crane.
Y distributor						
Y distributor	2	4.111-024.0				Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.

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		Order no.	Flow rate		Price	Description
Push-on washing brush						
Push-on wash brush	1	4.113-001.0				For general-purpose cleaning of all surfaces. Clamps directly onto the spray lance. Connection M 18 x 1.5
Rotating washing brush						· · · · ·
Rotating wash brush for > 800 l/h machines, nylon bristles	2	4.113-002.0	800-1300 l/h			Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to
Rotating wash brush for > 800 l/h machines, natural bristles	3	4.113-005.0	800-1300 l/h			60°C, M 18 x 1.5 (replaceable brush insert).