



HD 10/25-4 S EASY!

The HD 10/25-4 S 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 energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.

- At last work without getting tired: the EASY!Force high-pressure gun.
- EASY!Lock quick-release locks: 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 pistons.



3 For increased safety

- Integrated electronics for unit monitoring.
- Automatic switch-off in case of undervoltage or overvoltage.

4 Outstanding mobility

- Large rubber tyres for negotiating uneven surfaces, stairs and landings.
- Proven sack trolley principle for easy, ergonomic transport.

TECHNICAL DATA AND EQUIPMENT

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HD 10/25-4 S EASY!

Save energy and time: EASY!Force high-pressure guns and EASY!Lock

quick-release locks.

Oil sight glass

Servo Control

Included in delivery.

Water-cooled three-phase motorMaximum impact pressure for stubborn dirt

Technical data				
Order No.		1.286-902.0		
EAN code		4054278158259		
Type of current	Ph / V / Hz	3 / 400 / 50		
Flow rate	l/h	500 - 1000		
Operating pressure	bar / MPa	30 - 250 / 3 - 25		
Max. pressure	bar / MPa	275 / 27,5		
Max. feed temperature	°C	60		
Power rating	kW	9,2		
Weight	kg	67,95		
Dimensions (L x W x H)	mm	560 × 500 × 1090		
		6 I tank		
number of simultaneous users		1 / 2		
Mobility		medium		
Equipment				
Trigger gun		EASY!Force Advanced	Brass water inlet fitting	
High-pressure hose	m	10		
Spray lance	mm	1050		
Power nozzle				
ANTI!Twist		•		
4-pole three-phase motor with air and water cooling		•		
Pressure cut-off				
Large fine mesh water filter				
Electronic motor protection system with LED display		•		



		Order No.	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides	5	1				 	I	_
High-pressure hose, 15 m DN 8, AVS trigger gun connector	1	6.110-030.0	8	315 bar	15 m		15 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.	-
High-pressure hose, 20 m DN 8, AVS trigger gun connector	2	6.110-032.0	8	315 bar	20 m		20 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.	-
High-pressure hose, 30 m DN 8, including rotary coupling	3	6.110-014.0	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	4	6.110-042.0	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	5	6.110-043.0	10	220 bar	20 m		with union on both sides, M 22 x 1.5 with anti-kink protec- tion. NW 10/155°C/220 bar	
High-pressure hose, 25 m DN 10, extension, not rotatable	6	6.110-044.0	10	220 bar	25 m			
Hose assembly premium DN10 22MPa 40m	7	6.110-045.0	10	220 bar	40 m			
Hose assembly premium DN12 21MPa 15m	8	6.110-059.0	12	210 bar	15 m		High-pressure hose for water volumes greater than 1,800 I , h. With union on both sides. 2x M 22 x 1.5 with anti-kink	
Hose assembly premium DN12 21MPa 40m	9	6.110-060.0	12	210 bar	40 m		protection.	
Hose assembly TR DN10 22MPa 10m	10		10	220 bar	10 m		Impressive values and basic equipment: high-pressure hose, (ID 10), 25 m long, for up to 220 bar pressure.	
High-pressure hose, 10 m DN 8, AVS trigger gun connector	11	6.110-031.0	8	315 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.	-
Longlife 400 with unions on both s	ides							
High-pressure hose Longlife 400, 30 m ID 8, including rotary cou- pling	12	6.110-023.0	8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	
High-pressure hose Longlife 400 2x EASY!Lock, ID 8, 400 bar, 20 m, ANTI!Twist		6.110-027.0	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.	
High-pressure hose Longlife 400, 15 m, ID 8, including rotary cou- pling	14	6.110-029.0	8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	
High-pressure hose 1.5 m, ID 8, including connectors	15	6.110-024.0	8	400 bar	1,5 m		1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink pro- tection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).	
	16	6.110-069.0	8	400 bar	1,5 m		High-pressure hose (ID 8) with double steel reinforcement, 30 m long, suitable for up to 400 bar pressure. Connectors: M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.	
High-pressure hose packaged	17	6.110-038.0	8	400 bar	10 m		Durable, 10 m long high-pressure hose (ID 8) with double steel reinforcement and EASY!Lock hand screw connection at both ends and ANTI!Twist. Approved for 400 bar pressure.	
Food industry version with unions	on bot	th sides	1					
High-pressure hose, 10 m ID 8, suitable for food industry, exten- sion piece	18	6.110-051.0	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.	

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		Order No.	ID	Max. working pressure	Length	Price	Description	
High-pressure hose, 20 m ID 8, suitable for food industry, exten- sion piece	19	6.110-052.0	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.	
Longlife food industry version with	unior	ns on both sides						
High pressure hose food ID 8 / 10 m	20	6.110-053.0	8	400 bar	10 m		Longlife HP hose for use in the food industry. Außen- decke## animal-grease-resistant, non-colour-bleeding mate- rial. With rotary coupling, 2 x M 22 x 1,5	
High-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun con- nection	21	6.110-054.0	8	400 bar	20 m		Longlife HP hose for use in the food industry. Außen- decke## animal-grease-resistant, non-colour-bleeding mate- rial. With patented AVS connection in the pistol (pivot mounted)	
Special hoses								
High-pressure hose 1.5 m, ID 8, including connectors, outlet bend	22	6.110-068.0	8	400 bar	1,5 m		For connection to hose reels: high-pressure hose, with M 22 × 1.5 connection and curved EASY!Lock hand screw connec- tion. 1.5 m long, suitable for up to 400 bar working pres- sure.	



		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				For retrofitting Kärcher high-pressure cleaners with existing high-pressure hose: EASYIForce conversion kit 1 with EASYI- Force high-pressure gun, spray lance and all adapters through to the nozzle.	
Conversion kit 2 from device	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.	
Conversion kit 3 only EASY!Force	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.	
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 nip- ple 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.	

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		Order No.	Max. working pressure	Length		Price	Description	
Rotating spray lances								
1050 mm lance, rotatable, ergo- nomic	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.	
Nozzle light	2	2.680-002.0		125 mm			Bright, lightweight LED work light for direct mounting on spray lance of EASY!Force high-pressure gun. Better view i unfavourable lighting conditions for up to 5 working hours.	
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm			Spray lance, 600 mm, rotatable, ergonomic	
550 mm lance, non-rotatable	4	4.112-024.0	300 bar	400 mm			Spray lance, 550 mm, rotatable, ergonomic	[
Rotatable lance, 600 mm, ergo- nomic	5	4.112-007.0	300 bar	600 mm			600 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360 under pressure.)° [
Lance 850 mm, rotatable, ergo- nomic	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.	° (
Lance 1550 mm, rotatable, ergo- nomic	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.	
Lance 2050 mm, rotatable, ergo- nomic	8	4.112-021.0	300 bar	2050 mm			2050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360 under pressure.	
Jet pipe extension TR 1000 mm	9	4.112-048.0	300 bar	1000 mm			Spray lance extension with EASY!Lock connection. Length 1000 mm.	1
Double lance								ļ
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. 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.	
Articulated joint TR 20	13	4.112-057.0	300 bar				For hard-to-reach areas: High-pressure articulated joint wit infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.	
Telescopic spray lance								
Telescopic jet pipe	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 nozzle	l
Restraint belt for telescopic jet 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	1	1	<u> </u>			_
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								Ţ
Underbody lance	17	4.112-032.0	A Extension h	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	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. 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.	Nozzle size			Price	Description
Power nozzle spray angle 25°							
Power nozzle	1	2.113-009.0	47				Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.
HP nozzle spray angle 0°							
Power nozzle	2	2.113-034.0	50				High-pressure nozzle with powerful jet for extremely stub- born dirt.
Power nozzle spray angle 15°							
Power nozzle	3	2.113-047.0	55				Fan jet nozzle with 15° spray angle suitable for stubborn dirt.
Power nozzle spray angle 40°							
Power nozzle	4	2.113-054.0	50				Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.
■ Included in delivery. □ Av	ailable	e accessories.	▲ Extension h	ose.	 		

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Max. working r No. pressure	Nozzle size	Price	Description
-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.
-037.0 300 bar	50		Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For high-pressure cleaners with injector; low-pressure fan jet for detergent removal and application. Connector M 18x1.5.
007.0	50		Variable angle nozzle for spray angle adjustment from 0° to
	-037.0 300 bar		

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		Order No.	Price Description	
Nozzle union Protection part TR only for re-	1	4.112-011.0	Nozzle screws with protectors for high-pressure and pow	er 👝
placement			nozzles	-' 0
HP detergent injector Stainless steel injector kit for HD 10/25-45	2	6.645-761.0	Stainless steel injector for cleaning agent and foam applic tions. Specifically for the HD 10/25-4 S High-pressure cle er. For precise cleaning agent dosage.	
Dosing valve for stainless steel injector	3	6.500-000.0	Retrofittable dosing valve for stainless steel injectors. For easy, convenient and precise cleaning agent dosing adjust ment via a control knob.	
Detergent injector for high and	4	4.637-032.0	Detergent injector for independent high and low pressure	
low pressure (without nozzles) Detergent injector for high pres-	5	4.637-033.0	dosage. Maximum dosage about 15%. Cleaning agent dosage at high pressure 3 - 5 %	
sure Machine-specific nozzle kit with ord	ler no	. 3.637-170		
Nozzle insert trapezoidal thread HDS-GER	6	4.769-011.0	For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + H power nozzle + union	° 🗆
Nozzle insert with order no. 3.637- Nozzle insert for Order No. 3.637- 001, high-pressure for machines up to 1100 l/h.	7	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.	
Low pressure for units rated up to 1100 l/h	8	4.769-001.0	For low pressure with machines up to 1.100 l/h	
Rotary coupling				
	9	4.111-021.0	Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.9 m. With grip protection.	
Coupling	10	4.111-037.0	Proce double connector for connecting and outending	
Coupler -2xM22x1,5	10	4.111-037.0	Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2 M 22 x 1.5 m.	×□
Connector Nozzle connector/screw connector	11	4.111-022.0	Notale connector feerow connector for connection high an	25-
NUZZIE CUITIECTUL/SCLEW CONNECTOR	11	4.111-022.0	Nozzle connector/screw connector for connecting high-pr sure nozzles and accessories to the high-pressure trigger gun (with nozzle connector). Connectors: 1x M 22 x 1.5 ar 1x M 18 x 1.5.	d
Y distributor	12	4.111-024.0	Offers the option to connect two spray units to the machi	ne
Short spray unit	13	4.111-038.0	Installation on the high pressure outlet. For attaching high-pressure nozzles and accessory parts t HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	
Adapter EASY!Lock				
Adapter 1 M22AG-TR22AG	14	4.111-029.0	Adapter 1 to connect the old hose with the new hose	-980
Adapter 2 M22IG-TR22AG	15	4.111-030.0	Adapter 2 to connect the old device with the new hose ar the old gun with the new hose	
Adapter 3 M22IG-TR22AG	16	4.111-031.0	Adapter 3 to connect the old gun with the new spray land and new servo regulator	
Adapter M22 - Swivel	17	4.111-032.0	M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS conn	he 7
			tion.	

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



		Order No.		Price	Description	
Adapter 6 TR22IG-M22AG	19	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	20	4.111-035.0			Adapter 7 to connect the old spray lance with the new nozzle	
Adapter 8 TR20IG-M18AG	21	4.111-036.0			Adapter 8 to connect the new spray lance with the old nozzle	
ADAPTER for replacement TR22IG- M22AG Er	22	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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12 ziert Max. working Diame-Order No. pressure Nozzle size ter Price Description Pipe cleaning hose, ID 6 6.110-046.0 250 bar Hose assembly TR pipe cleaning The 10 m pipe cleaning hose is a highly flexible high pres-1 DN6 max.2 sure hose for pipe interior cleaning (threaded connection for \Box nozzle R 1/8) Pipe cleaning hose, ID 6, 20 m. 2 6 110-008 0 250 har The 20 m pipe cleaning hose is a highly flexible high presmax. 250 bar sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8). Hose assembly TR pipe cleaning 6.110-047.0 250 bar The 30 m pipe cleaning hose is a highly flexible high pres-3 sure hose for pipe interior cleaning (threaded connection for \Box DN6 max.2 nozzle R 1/8). Pipe cleaning nozzle Dirt blaster pipe cleaning D21/060 4 4.765-002.0 60 21 mm The forward-tilted rotating pencil jet removes the most Dirt blaster pipe cleaning D30/060 4.765-005.0 stubborn dirt. The three backwards-tilted iets ensure the 5 60 30 mm necessary forward movement, as well as convenient handling. 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. Pipe cleaning nozzle 5.763-019.0 16 mm pipe cleaning nozzle with internal thread. Various jet 65 16 mm 7 directions for environmentally-friendly cleaning of blocked 8 5 763-016 0 60 16 mm drains and pipes. 5.763-021.0 9 70 30 mm 30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes. Rotating pipe cleaning nozzle with internal thread and four 6 415-440 0 65 Rotating pipe cleaning nozzle 10 16 mm rotating jets for environmentally-friendly cleaning of blocked drains and pipes Drum and tank cleaning 11 2.641-798.0 Add-on kit mud sucker Barrel and tank cleaning Barrel cleaner BC 14/12 12 2.112-020.0 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 4.115-000.0 | 4.115-006.0. HKF 50 spray head, brass HKF 50 spray head , brass 13 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 HKF 50 sprav head, brass 14 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 HKF 50 spray head (3.631-009.0 / 3.631-039.0) Nozzle 045 for dual nozzle opera-15 6.415-446.0 45 Nozzle for dual-nozzle operation tion HKF 50 Nozzle 090 for single nozzle oper-6415-4470 90 Nozzle for single-nozzle operation 16 ation HKF 50

■ Included in delivery. □ Available accessories. Extension hose

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2.863-036.0

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Double handle for exact control of

Screw plug for using a spray head

the spray head

with one nozzle

Double handle. Precise control of the spray head

Screw plug for using a spray head with one nozzle

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		Order No.	Flow rate	Nozzle size	Diame- ter		Price	Description	
Hard Surface Cleaner FRV 30 Add-on kit rubber lip	1	2.642-910.0						For smooth floors indoors. The squeegee increases the suction performance of the FRV 30 and minimises the amount of water remaining. This means the floor is dry in just a few minutes.	
Extension hose 5 m	2	4.440-939.0						· · · · · · · · · · · · · · · · · · ·	
Add-on kit hose attachment	3	2.642-528.0						Suction cup for fixing the suction hose to smooth surfaces.	
Add on kit dirt tran	4	2.642-532.0						Galvanised steel bucket for collecting coarse dirt and for	П
Auu-on Kit unt trap	4							I TIXING THE SUCTION HOSE IN OUTSIDE AREAS	_
Add-on kit dirt trap	5	2.111-010.0						fixing the suction hose in outside areas. 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-specif- ic nozzle kit must be ordered separately. Max. 250 bar / 1000 (h / 60°C.	

						1000 l/h / 60°C.
Hard surface cleaner FR 30 ME						
FR 30 ME surface cleaner	6	2.111-013.0			300 mm	Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.
Hard Surface Cleaner FR 50						
FR 50 surface cleaner	7	2.111-023.0			500 mm	Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas.With double ceramic bearings, push handle, non-marking swivel castors and detergent dosing system.
Machine-specific nozzle kit for FR						
Nozzle kit for surface cleaners (type-specific) 850 - 1100 l/h	8	2.640-442.0	850 - 1100 l/h			Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).
Machine-specific nozzle kits for F	RV					
Nozzle kit 050 for FRV 30	9	2.642-433.0		50		Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.
FRV 30 Me surface cleaner						
Suction hose FRV 30 me	10	4.441-040.0				5 m extension hose for FRV 30 Me. Includes connecting adapter.
FRV 30 ME	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						
	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							
Foam lance TR	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.	
Bottle cleaning agents 1L	2	5.071-414.0					
Packing complete for 6.394-968.0	3	2.112-017.0				Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its com- pact design.	
Tank grey only for replacement 1L	4	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 kit with detergent injec- tor	5	2.112-000.0				High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.	
Easy Foam Set							
Easy Foam Set with RM injector	6	2.112-010.0				HP foam system for use with. HD/HDS units for cleaning and disinfecting. Foam nozzle for connection to lance and HP chemical injector with precision 0-5% metering valve. The machine specific nozzle kit has to be ordered separately.	
Nozzle kits for Inno/Easy Foam Set						······································	
Nozzle kit 090 Inno/Easy kit 700 - 1000 l/h	7	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				1			
Foam nozzle kit	8	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.	

 \blacksquare Included in delivery. $\hfill\square$ Available accessories. $\hfill\blacksquare$ Extension hose.

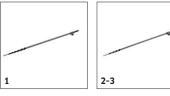
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		Order No.	Length			Price	Description	
Hose reel add-on kit			-					
Hose reel kit for HD super class	1	2.110-008.0	20 m				ABS hose reel for mounting on the machine. For safe and tidy stowage of high-pressure hoses (with connecting hose to machine's HP outlet) Can be rotated under pressure, with M 22 x 1.5 connection.	
Automatic, self-winding hose reels			1	1	1			
Wall-mounted hose reel	2	2.639-257.0	15 m					
Add-on kit hose reel plastics	3	6.392-074.0	20 m				Automatic hose reel for 20 m high-pressure hose. The con- sole is made from powder-coated steel, the drum is made from plastic.	
Add-on kit hose reel	4	6.392-083.0	20 m				Automatic hose reel for 20 m high-pressure hose. The con- sole consists of stainless steel, the drum is made from plas- tic.	
Hose reel, automatic, 20 m, paint- ed	5	6.392-106.0	20 m				Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	
Add-on kit hose reel lacquered basaltgra	6	6.392-105.0	20 m				Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. For ex- ample: order no. 6.110-011.0 (ID 8, 20 m, 315 bar) or order no. 6.110-028.0 (ID 8, 20 m, 400 bar Longlife).	
Hose reel, automatic, 20 m, stain- less steel	7	6.392-076.0	20 m				Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
ABS hose reel stainless steel	8	6.392-122.0	20 m				High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	
Add-on kit hose reel TR 40m	9	6.392-442.0	40 m				Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. Compati- ble high-pressure hose, e.g. order no. 6.110-076.0 (ID 8, 40 m, 400 bar, 1x hose reel connection attachment kit).	
Swivel holder	10	2.639-931.0					Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose. Rotatable 120°. Galvanised steel.	
ABS wall fastening stainless steel	11	2.641-867.0					Swivelling wall bracket made of high-grade steel (for 2.641- 866). This makes maximum flexibility and convenience possible when working with the HP hose.	

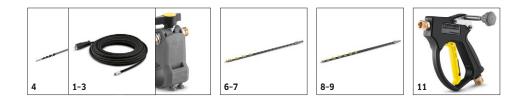
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		Order No.	Flow rate	Feed temper- ature	Length	Length	Price	Description	
Teleskopstangen									
iSolar TL 14 C (without hose)	1	4.110-002.0		max. 60 °C				Full carbon telescopic rod for maximum rigidity with mini- mal weight. With 14 m max. reach 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.	
Ball valve	5	4.580-097.0		max. 40 °C					
Telescope lance glass fibre 7 m	6	4.762-609.0		max. 60 °C					
Telescope lance hybrid 7 m	7	4.762-610.0		max. 60 °C					
Telescope lance hybrid 10 m	8	4.762-611.0		max. 60 °C					
Telescope lance carbon 10 m	9	4.762-612.0		max. 60 °C					
Telescope lance carbon 14 m	10	4.762-613.0		max. 60 °C					
Pistol	11	4.775-154.0		max. 60 °C					

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		Order No.	Flow rate	Feed temper- ature	Length	Length	Price	Description
Schläuche								
iSolar HP hose 7	1	6.392-978.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.
iSolar HP hose 10	2	6.392-977.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.
iSolar HP hose 14	3	6.392-976.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.

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		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 pack for wet blasting attach	ment					
Nozzle pack TR wet jet set 0050	3	2.112-023.0	50			Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment per- formance. Only in combination with wet blasting attachment
Boron carbide nozzle						
Boron carbide nozzle, for ma- chines as of 1000 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	
Crane lifting kit								_
Crane loading kit for HD super class	1	2.640-438.0					Effortless loading by crane.	
■ Included in delivery. □ A	vailabl	e accessories.	▲ Extension h	ose.				

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		r	1	1		1		-
		Order No.				Price	Description	
Geka coupling			1	1	1			
Geka connector with hose barb, R 1"	1	6.388-465.0					with hose barb	
Geka connector with internal thread, R 1"	2	6.388-458.0					with female thread	
Suction filter								
Water suction filter	3	6.414-956.0					Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve	r □
Suction filter with check valve	4	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Fine-mesh water filter								
Add-on kit water filter universal	5	2.637-020.0						
Fine-mesh water filter with adapter	6	4.730-102.0					Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles con- tained in the water. Water flow rate up to 1200 l/h. Connec tion 3/4", with adapter, 1".	_ [
Fine-mesh water filter, 100 $\mu\text{m},$ R 1"	7	2.638-270.0					Fine-mesh water filter, 100 µm, max. temperature 60°C. Connects to high-pressure cleaner. Protects the high-pres- sure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connector 1".	C
Water supply hose								
Water supply hose	8	4.440-207.0					NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
	9	4.440-270.0					NW 19 R1" / R1", up to 85 °C	
Backflow check valve		1	1	1				
■ Included in delivery. □ Av	10	2.641-374.0	▲ Extension ho				To prevent detergent getting into the drinking water cycle i case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakag protection	

 \blacksquare Included in delivery. $\hfill\square$ Available accessories. $\hfill A xtension hose.$

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	Order No.	Flow rate				Price	Description	
1	4.113-001.0						Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	
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	
3	4.113-005.0	800 - 1300 l/h					60°C, M 18 x 1.5 (replaceable brush insert).	
		1 4.113-001.0 2 4.113-002.0	1 4.113-001.0 2 4.113-002.0 800 - 1300 l/h	1 4.113-001.0 2 4.113-002.0 800 - 1300 l/h	1 4.113-001.0 2 4.113-002.0 800 - 1300 l/h	1 4.113-001.0 2 4.113-002.0 800 - 1300 l/h	1 4.113-001.0 2 4.113-002.0 800 - 1300 l/h	1 4.113-001.0 Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6. 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