



HD 3.5/30-4 S Ea

The HD 3.5/30-4 S cold water high-pressure cleaner in an upright construction style impresses with EASY!Force high-pressure gun, pressure switch control and Servo Control.

















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

3 For increased safety

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

Outstanding mobility

- Large wheels for uneven surfaces.
- Proven sack truck principle for easy, ergonomic transport.

TECHNICAL DATA AND EQUIPMENT





HD 3.5/30-4 S Ea

- Ceramic-coated piston.
- Save time and effort: EASY!Force high-pressure gun and EASY!Lock quick-release couplings.
- Maximum impact pressure for stubborn dirt

Technical data		
Order no.		1.286-908.0
EAN code		886622015888
Current type	Ph / V / Hz	1 / 220-240 / 60
Flow rate	l/h	400-790
Working pressure	bar / MPa	30-206 / 3-20.6
Working pressure	PSI	435 / 3000
Max. pressure	bar / MPa	227 / 22.7
Max. inlet temperature	°C	60
Connection load	kW	6.7
Weight	kg	75
Dimensions (L × W × H)	mm	560 × 500 × 1090
Cleaning agent function		6 I tank

Equipment				
Spray gun		EASY!Force Advanced	Servo Control	•
Spray gun with soft grip			Brass water inlet	
High-pressure hose	m	15		
Spray lance	mm	1050		
Power nozzle		•		
ANTI!Twist		•		
4-pole, three-phase motor with air and water cooling	l	•		
Pressure cut-off				
Large water fine filter				
Wheels, pneumatic-tyred		•		
Oil level indicator		•		
Individual in the seems of sumply				

■ Included in the scope of supply.



















		1					
		Order no.	ID	Max. working pressure	Length	Pri	ce Description
Standard with unions on both sides		order no.	10	pressore	Length		Description .
Standard with unions on both sides High-pressure hose 2 x EASY!Lock		6.110-030.0	ID 8	315 bar	15 m		15 m long high-pressure hose, ID 8, with ANTI!Twist at both
DN 8, 315 bar, 15 m, ANTI!Twist	1	0.110-030.0	10 0	313 001	13 111		ends with time-saving EASY!Lock hand screw connection.
High-pressure hose 2 x EASY!Lock	2	6.110-032.0	ID 8	315 bar	20 m		High-pressure hose (ID 8), 20 m long, with time-saving and
DN 8, 315 bar, 20 m, ANTI!Twist							robust EASY!Lock hand screw connection at both ends. For
High-pressure hose, 2 x EASY!Lock,	3	6.110-014.0	ID 8	315 bar	30 m		up to 315 bar pressure. Convenient length (30 m) and innovative EASY!Lock hand
DN 8, 315 bar, 30 m, ANTI!Twist	J	0.110 014.0	15 0	313 841	30 111		screw connection: high-pressure hose (ID 8) with ANTI!Twist
							for up to 315 bar pressure.
High-pressure hose, 2 x EASY!Lock,	4	6.110-042.0	ID 10	220 bar	15 m		With innovative EASY!Lock hand screw connection for up to
DN 10, 220 bar, 15 m High-pressure hose, 2 x EASY!Lock,	5	6.110-043.0	ID 10	220 bar	20 m		220 bar pressure: 15 m long high-pressure hose (ID 10). Main features of this high-pressure hose (ID 10): 20 m long
DN 10, 220 bar, 20 m	5	0.110-043.0	10 10	220 041	20 111		with extremely time-saving and convenient EASY!Lock hand
							screw connection at both ends.
High-pressure hose, 2 x EASY!Lock,	6	6.110-044.0	ID 10	220 bar	25 m		Impressive values and basic equipment: high-pressure hose,
DN 10, 220 bar, 25 m High-pressure hose, 2 x EASY!Lock,	7	6.110-045.0	ID 10	220 bar	40 m		(ID 10), 25 m long, for up to 220 bar pressure. 40 m long high-pressure hose with EASY!Lock system for
DN 10, 220 bar, 40 m	/	0.110-045.0	ID 10	220 Ddl	40 111		time-saving hand screw connection (at both ends). (ID) 10,
							up to 220 bar working pressure.
High-pressure hose, 2 x EASY!Lock,	8	6.110-059.0	ID 12	210 bar	15 m		Suitable for up to 250 bar working pressure: high-pressure
DN 12, 210 bar, 15 m							hose (ID 12), 15 m long, with convenient EASY!Lock hand
High-pressure hose, 2 x EASY!Lock,	9	6.110-060.0	ID 12	210 bar	40 m		screw connection at both ends. With EASY!Lock hand screw connection, 40 m long for wide
DN 12, 210 bar, 40 m	,	0.110 000.0	10 12	210 501	40 111		working radius: high-pressure hose (ID 12) with EASYII ock
							hand screw connection at both ends. Suitable for up to 250
High-pressure hose, 2 x EASY!Lock,	10	6.110-041.0	ID 10	220 bar	10 m		bar working pressure. Impressive values and basic equipment: high-pressure hose,
DN 10, 220 bar, 10 m	10	0.110-041.0	ID 10	220 Ddl	10 111		(ID 10), 25 m long, for up to 220 bar pressure.
High-pressure hose 2 x EASY!Lock	11	6.110-031.0	ID 8	315 bar	10 m		High-pressure hose (ID 8) suitable for up to 315 bar pres-
DN 8, 315 bar, 10 m, ANTI!Twist							sure. High-pressure hose with innovative EASY!Lock hand
Langlife 400 with unions on both si	4						screw connection at both ends, ANTI!Twist, 10 m long.
Longlife 400 with unions on both si Longlife 400 high-pressure hose, 2		6.110-023.0	ID 8	400 bar	30 m		Durable high-pressure hose with double steel reinforcement,
x EASY!Lock, DN 8, 400 bar, 30 m,	12	0.110 025.0	100	400 801	30 111		ANTI!Twist and EASY!Lock hand screw connection at both
ANTI!Twist							ends. ID 8, 30 m long, for up to 400 bar pressure.
Longlife 400 high-pressure hose, 2	13	6.110-027.0	ID 8	400 bar	20 m		High-pressure hose with ANTI!Twist, EASY!Lock hand screw
x EASY!Lock, DN 8, 400 bar, 20 m, ANTI!Twist							connections and double steel reinforcement. 20 m long, ID 8, EASY!Lock hand screw connection at both ends.
Longlife 400 high-pressure hose, 2	14	6.110-029.0	ID 8	400 bar	15 m		The double steel reinforcement ensures a long lifetime of
x EASY!Lock, DN 8, 400 bar, 15 m,							this 15 m long high-pressure hose (ID 8), approved for up to
ANTI!Twist		5 4 4 0 00 4 0	10.0	1001	4.5		400 bar pressure hose.
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 1.5 m	15	6.110-024.0	ID 8	400 bar	1.5 m		1.5 m short high-pressure hose (ID 8). With convenient EASY!Lock hand screw connection at both ends for robust
X EAST: LOCK, DIV 0, 400 Dai, 1.5 III							and fast connections. Durable, for up to 400 bar pressure.
Longlife 400 high-pressure hose, 1	16	6.110-069.0	ID 8	400 bar	1.5 m		High-pressure hose (ID 8) with double steel reinforcement,
x EASY!Lock, 1 x M22 x 1.5, DN 8,							30 m long, suitable for up to 400 bar pressure. Connectors:
400 bar, 1.5 m							M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.
Longlife 400 high-pressure hose, 2	17	6.110-038.0	ID 8	400 bar	10 m		Durable, 10 m long high-pressure hose (ID 8) with double
x EASY!Lock, DN 8, 400 bar, 10 m,							steel reinforcement and EASY!Lock hand screw connection
ANTI!Twist							at both ends and ANTI!TWIST. Approved for 400 bar pres-
		1	1	1	1		sure.













		Order no.	ID	Max. working pressure	Length	Price	Description
Food industry version with unions	on bot	h sides					
High-pressure hose, food grade, 2 x EASY!Lock, DN 8, 10 m, ANTI!Twist	18	6.110-051.0	ID 8	250 bar	10 m		High-pressure hose (ID 6), 10 m long, with grey, non-marking outer covering. Approved for use in the food industry. With quick and robust EASY!Lock hand screw connection at both ends.
High-pressure hose, food grade, 2 x EASY!Lock, DN 8, 20 m, ANTI!Twist	19	6.110-052.0	ID 8	250 bar	20 m		Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, ANT!!Twist and EASY!Lock hand screw connections.
Longlife food design with screw co	nnectio	ons at both ends					,
Longlife 400 high-pressure hose, food grade, 2 x EASY!Lock, DN 8, 10 m, ANTI!Twist	20	6.110-053.0	ID 8	400 bar	10 m		With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, ANT!!Twist and EASY!Lock hand screw connection at both ends.
Longlife 400 high-pressure hose, food grade, 2 x EASY!Lock, DN 8, 20 m, ANTI!Twist	21	6.110-054.0	ID 8	400 bar	20 m		Durable high-pressure hose with double steel reinforcement and blue, non-marking and animal fat resistant outer covering. 20 m long with EASY!Lock hand screw connections.
Special hoses							
High-pressure hose, 1 x curved EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	22	6.110-068.0	ID 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 connection. 1.5 m long, suitable for up to 400 bar working pressure.

[■] Included in the scope of supply.

Available accessories.

Extension hose.

















		Order no.	Flow rate		Price	Description
Trigger guns				l.		
EASY!Force Advanced	1	4.118-005.0				Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.
EASY!Force conversion kit 1 - from high-pressure hose	2	4.111-050.0				For retrofitting Kärcher high-pressure cleaners with existing high-pressure hose: EASY!Force conversion kit 1 with EASY!Force high-pressure gun, spray lance and all adapters through to the nozzle.
EASY!Force conversion kit 2 - from machine	3	4.111-051.0				Developed for retrofitting existing high-pressure cleaners from Kärcher: EASY!Force conversion kit 2 with EASY!Force high-pressure gun, spray lance, high-pressure hose and necessary adapters.
EASY!Force conversion kit 3 - high-pressure gun	4	4.111-052.0				Compatible with existing high-pressure hose and spray lance: EASY!Force conversion kit 3, incl. EASY!Force trigger gun and all necessary adapters for upgrading your high-pressure cleaner.
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.

[■] Included in the scope of supply.

Available accessories.

Extension hose.































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[■] Included in the scope of supply.

Available accessories.

Extension hose.





		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.

[■] Included in the scope of supply.

Available accessories.

Extension hose.





		Order no.	Nozzle size		Price	Description
Power nozzle spray angle 25°						
Power nozzle 25° - 045	1	2.113-022.0	45			Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.
25° power nozzle for cleaning agent suction	2	2.113-020.0	250			Brass power nozzle for low-pressure operation and cleaning agent suction.
HP nozzle spray angle 0°						
High-pressure nozzle 0° - 045	3	2.113-033.0	45			High-pressure nozzle with powerful jet for extremely stubborn dirt. $\hfill\Box$
Power nozzle spray angle 15°						
Power nozzle 15° - 045	4	2.113-046.0	45			Fan jet nozzle with 15 $^{\circ}$ spray angle suitable for stubborn dirt.
Power nozzle spray angle 40°					•	
Power nozzle 40° - 045	5	2.113-053.0	45			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

[■] Included in the scope of supply.

Available accessories.

Extension hose.







		Order no.	Max. working pressure	Nozzle size		Price	Description	
Triple nozzles								
Triple nozzle 045	1	4.117-036.0	300 bar	45			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 18×1.5 .	
Angled vario nozzle 0-90°								
Angled Vario nozzle 0-90°	2	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.	

[■] Included in the scope of supply.

Available accessories.

Extension hose.































		Order no.		Price	Description	
Nozzle union					1	+
Nozzle screws	1	4.112-011.0			Nozzle screws with protectors for high-pressure and power	r _
					nozzles	
Cleaning agent injector	1 .				1	
Stainless steel injector kit for HD	2	6.645-761.0			Stainless steel injector for cleaning agent and foam applica-	
10/25-4\$					tions. Specifically for the HD 10/25-4 S High-pressure clear er. For precise cleaning agent dosage.	1-
Dosing valve for stainless steel	3	6.500-000.0			Retrofittable dosing valve for stainless steel injectors. For	\top
injector					easy, convenient and precise cleaning agent dosing adjust-	
					ment via a control knob.	\perp
Cleaning agent injector for high	4	4.637-032.0			Detergent injector for independent high and low pressure	
and low pressure (without nozzles) Cleaning agent injector for high		4.637-033.0			dosage. Maximum dosage about 15%. Cleaning agent dosage at high pressure 3 - 5 %	+
pressure (without nozzle)]	4.037 033.0			Cleaning agent dosage at high pressure 3 3 %	
Machine-specific nozzle kit with or	der no	. 4.637-033.0	'	'		
Nozzle kit 750-1000 l/h	6	4.769-011.0			For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP	Ī
					power nozzle + union	
Nozzle insert with order no. 4.637-	1	1				
Nozzle insert up to 1,100 l/h -	7	4.769-003.0			Nozzle insert for detergent injector 3.637-001 for high-pressure detergent application. For high-pressure	
high pressure					cleaners with a water flow rate up to 1100 l/h.	
Nozzle insert up to 1,100 l/h - low	8	4.769-001.0			For low pressure with machines up to 1.100 l/h	7
pressure						
Rotary coupling		1				
Rotary coupling	9	4.111-021.0			Reliably prevents twisting of HP hoses. Connection M 22 x	
Coupling					1.5 m. Handle protection	_
Adapter hose extension 9 TR	10	4.111-037.0			Adapter 9 to connect the new hose with the new hose	Ιc
Connector	10				radipter 3 to connect the new mose with the new mose	
Screw socket for surface cleaners	11	4.111-022.0			For attaching high-pressure nozzles and accessory parts to	
and Servo Control controllers					the HD trigger gun (with nozzle screws) - 1 x M 22 x 1.5/1	
					M 18 x 1.5.	
Y distributor	12	4.111-024.0			Offers the option to connect two spray units to the machine	e. \sqsubset
Short spray unit	13	4.111-038.0			Installation on the high pressure outlet. For attaching high-pressure nozzles and accessory parts to	+
Short spray offic	13	4.111 030.0			HP trigger gun (with nozzle screws). Not compatible with	
					triple nozzles.	
EASY!Lock adapter					,	
Adapter 1 M22AG-TR22AG	14	4.111-029.0			Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	15	4.111-030.0			Adapter 2 to connect the old device with the new hose and	
Adapter 3 M22IG-TR22AG	16	4.111-031.0			the old gun with the new hose Adapter 3 to connect the old gun with the new spray lance	+
Adapter 5 M22IG TR22AG	10	4.111 031.0			and new servo regulator	
Adapter 4 TR22IG-D11	17	4.111-032.0			Adapter 4 to connect the new gun with the old swivel hose	. [
Adapter 5 TR22IG-M22AG	18	4.111-033.0			Adapter 5 to connect the new gun with the old spray lance	$\overline{}$
					and new servo regulator with the old spray lance	
Adapter 6 TR22IG-M22AG	19	4.111-034.0			Adapter 6 to connect the new device with the old hose and	¹
Adapter 7 M18IG-TR20AG	20	4.111-035.0			the old hose with the new gun Adapter 7 to connect the old spray lance with the new	+
Adapter / WITOID TIVZUMU	20	7.111 055.0			nozzle	
Adapter 8 TR20IG-M18AG	21	4.111-036.0			Adapter 8 to connect the new spray lance with the old	
					nozzle	╚









		Order no.			Price	Description	
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 x 1.8 AG	22	4.111-046.0				Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	Г
Adapter EASY!Lock 22 female - 3/8" NPT female	23	4.111-041.0				EASY!Lock - Standard 3/8" hose. Adapter for connecting EASY!Force trigger gun with standard 3/8" US-style hose connection.	
Adapter EASY!Lock 22 male - 3/8" NPT male	24	4.111-042.0				Adapter for connecting high-pressure hoses with EASY!Lock and 3/8" US-style machine outlet.	



























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		Order no.	Max. working pressure	Nozzle size	Diam- eter	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 pressure hose for pipe interior cleaning (threaded connection fo nozzle R 1/8).	r
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 pressure hose for pipe interior cleaning (threaded connection fo nozzle R 1/8).	r 🗆
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 pressure hose for pipe interior cleaning (threaded connection fo nozzle R 1/8).	r 🗆
Pipe cleaning nozzle								
Pipe cleaning dirt blaster D21/060	4	4.765-002.0		60	21 mm		The forward-tilted rotating pencil jet removes the most	
Pipe cleaning dirt blaster D30/060	5	4.765-005.0		60	30 mm		stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.	
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 je	
	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 je 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				I.			stocked draws and pipes.	
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 performance. Only in combination with wet blasting attachmen 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	.631-	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	
Double grip for precise control of spray head	16	2.863-036.0					Double handle. Precise control of the spray head	
Screw plug for using a spray head with one nozzle	17	5.411-061.0					Screw plug for using a spray head with one nozzle	
Included in the scene of suppl		Available as						

[■] Included in the scope of supply.

Available accessories.

Extension hose.























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		Order no.	Flow rate	Nozzle size	Diam- eter	Price	Description	
Hard Surface Cleaner FRV 30							·	_
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 fixing the suction hose in outside areas.	
FRV 30 Surface Cleaner	5	2.111-010.0					With the integrated, automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient and can be used in both inside and outside areas. There is no longer a need to rinse the surface after cleaning, since the dirty water can be discharged through the 5 m suction hose supplied. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1000 l/h / 60°C.	è _
FR 30 Me surface cleaner		ı						
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								
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 ceram ic bearings, push handle, non-marking swivel castors and detergent dosing system.	- 1
Machine-specific nozzle kits for FF	1							
Nozzle kit for surface cleaners	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 FF	RV				, ,			
Nozzle kit 050 - for FRV	9	2.642-433.0		50			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
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.	s 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 temperature-resistant 10 m polyurethane suction hose. Additional 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	

[■] Included in the scope of supply.

Available accessories.

Extension hose.

















		Order no.	Flow rate				Price	Description
Cup foam lance			<u>'</u>	<u> </u>				
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 replacement 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.
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 Kārcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 I/h. For optimal foam system performance.
Foam nozzle mounting kit				1	1	,		
Foam nozzle attachment kit	7	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.

[■] Included in the scope of supply.

Available accessories.

Extension hose.





















		Order no.	Length		Price	Description	
Manual hose reel attachment kit							
Hose reel attachment kit for HP super class	1	2.110-008.0	20 m			Hose reel attachment kit for installation on the machine. For secure and space-saving storage of the high-pressure hose (with a connection hose for the machine HP output). Rotatable under pressure with connection 22 x 1.5.	
Automatic, self-winding hose reels	for wa	II mounting				,	
Automatic hose reel, powder-coated steel / plastic	2	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.	
Automatic stainless steel / syn- thetic material hose drum	3	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.	
Automatic hose reel, coated	4	6.392-106.0	20 m			Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	
Hose reel, automatic, basalt grey-coated	5	6.392-105.0	20 m			Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. For example: 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).	
Automatic hose reel, stainless steel, includes swivel holder	6	6.392-076.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
Automatic stainless steel hose reel	7	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.	
	8	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).	П
Powder-coated swivel holder	9	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.	
Stainless steel swivel holder	10	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.	

[■] Included in the scope of supply.

Available accessories.

Extension hose.











		1						
		Order no.	Flow rate	Inlet temper- ature	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 minimal weight. With 14 m max. reach and practical quick-release 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 convenient extension and retraction. The speed is regulated via ball tap, guaranteeing easy handling. For occupational safety reasons, the lowest lance element is made from a carbon-fibreglass 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 extension 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 extension and retraction.
iSolar HP hose 7	5	6.392-978.0		max. 155 ℃				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.

[■] Included in the scope of supply.

[☐] Available accessories. ▲ Extension hose.









									i
		Order no.	Nozzle size				Price	Description	1
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 Kärcher wet blasting attachment performance. Only in combination with wet blasting attachment .	
Boron carbide nozzle				,	,	·			
Boron carbide, for machines from 1,000 l/h		6.415-083.0	8 mm					In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	

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





		Order no.			Price	Description	
Attachment kit for transport							
Crane loading kit for HD Super class	1	2.640-438.0				Effortless loading by crane.	

[■] Included in the scope of supply.

Available accessories.

Extension hose.













		Order no.			Price	De- scrip- tion	
Geka coupling		l .					
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				<u> </u>			
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	
Suction filter with check valve	4	4.730-012.0				Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Water fine filter		1	1				
Water fine filter, with adapter	5	4.730-102.0				Fine- mesh water filter, 125 µm, max. temper- ature 50°C. Protects	









		Order no.		Price	De- scrip- tion	
Water fine filter, 100 μm, R 1"	6	2.638-270.0			Fine- mesh water filter, 100 µm, max. temper- ature 60°C. Connects	
Water supply hose						
Water supply hose	7	4.440-207.0			NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
	8	4.440-270.0			NW 19 R1" / R1", up to 85 °C	
Backflow check valve						
Backflow preventer	9	2.641-374.0			To prevent detergent getting into the drinking water cycle in case of	
					inlet at	

[■] Included in the scope of supply.

Available accessories.

Extension hose.









		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 \times 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).

[■] Included in the scope of supply.

Available accessories.

Extension hose.