HDS 7/16 C

Powerful HDS 7/16 C 3-phase hot water high-pressure cleaner in the compact class with eco!efficiency mode, intuitive single-button operation and EASY!Force Advanced high-pressure gun.













Order no.

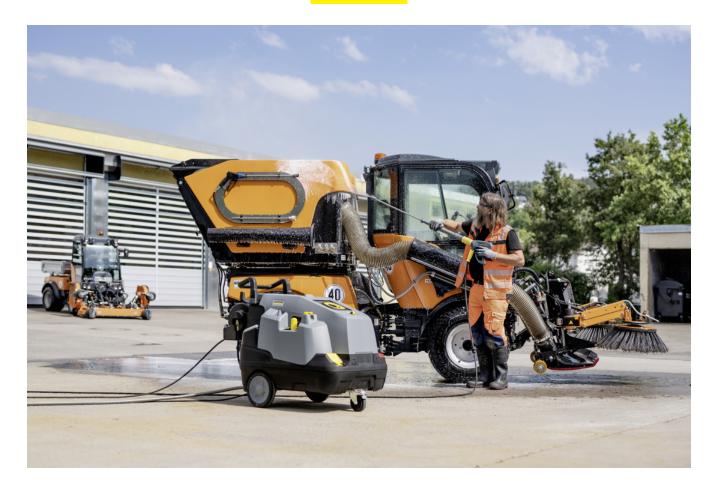
1.173-906.0

- Economical eco!efficiency mode
- Powerful three-phase motor
- Intuitive single-button selector switch

Technical data		
EAN code		4066529057068
Supply voltage	Ph / V / Hz	3 / 400 / 50
Flow rate	l/h	310 - 660
Working pressure	bar / MPa	30 - 160 / 3 - 16
Max. pressure	bar	220
Temperature (for supply 12 °C)	°C	max. 80
Connected load	kW	4.4
Consumption of heating oil or gas at full load	kg/h	3.6
Consumption of heating oil in ecolefficiency mode	g/h	2.9
Power cable	m	5
Nozzle size		025
Fuel tank	I	15
Weight (with accessories)	kg	111.4
Weight incl. packaging	kg	120
Dimensions (L × W × H)	mm	1066 × 650 × 920

Users must receive training on this device.

Equipment		
Spray gun		EASY!Force Advanced
High-pressure hose length	m	10
Spray lance	mm	1050
Power nozzle		
Soft Damping System (SDS)		•
Pressure switch-off		•
Integrated fuel and cleaning agent tank		•
Included in the scope of supply.		



High efficiency

- ecolefficiency mode economical and environmentally friendly, even during longer periods of use.
- Reduces fuel consumption and CO₂ emissions by 20%.

Wide-ranging accessories with EASY!Lock

- EASY!Force Advanced for fatigue-free work without any holding force.
- Rotating 1050 mm stainless steel lance.
- Patented Kärcher power nozzle can offer up to 40 per cent more impact force than conventional nozzles.

Operational safety

- Easy-to-access water filter protects the pump against dirt particles in the water.
- Safety valves, water shortage and fuel protection ensure the availability of the machine.

























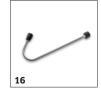


14

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		Order no.	Description	
TRIGGER GUNS				
Spray guns				
EASY!Force Advanced	1	4.118-005.0	Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.	
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.	t 🗆
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, 750 l/h - 1100 l/h	5	4.118-008.0	Water quantity and pressure regulated directly from the hand spray gun.	
SPRAY LANCES				
Rotating spray lances				
Spray lance, 1050 mm, rotatable	6	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	•
LED nozzle light	7	2.680-002.0	Bright, lightweight LED work light for direct mounting on spray lance of EASY!Force high-pressure gun. Better view in unfavourable lighting conditions for up to 5 working hours.	
Spray lance, 250 mm, rotatable	8	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	
Spray lance, 400 mm, rotatable	9	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	
Spray lance, 600 mm, rotatable	10	4.112-007.0	600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance, 840 mm, rotatable	11	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance, 1550 mm, rotatable	12	4.112-018.0	1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance, 2050 mm, rotatable	13	4.112-021.0	2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	
Spray lance extender, 1000 mm	14	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	

lacksquare Included in the scope of supply. \qed Available accessories.

















		Order no.	Description	
SPRAY LANCES		1		Ť
Double lance				Г
Double lance, 960 mm	15	2.112-016.0	960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use (e.g. stable cleaning).	
Angular spray lance				
Spray lance for toilets and rain gutters	16	4.112-029.0	Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.	
Flexible spray lance		•		
Flexible lance, 1050 mm	17	4.112-035.0	1050 mm flexible lance with variable bend from 20° to 140° , ideal for cleaning difficult to reach areas, e.g. gutters.	[
High pressure articulated joint	18	4.112-057.0	For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.	
Gutter cleaner				
Gutter cleaning lance	19	2.112-015.0	The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.	1 [
Undercarriage spray lance				
Underbody lance	20	4.112-032.0	Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	
Additional handle				
Additional handle for EASY!Lock spray lances	21	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.	
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 25°				
Power nozzle 25°, 040	22	2.113-021.0	Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	.
HP nozzle spray angle 0°				
Power nozzle 0°, 040	23	2.113-001.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	
Power nozzle 0°, 045	24	2.113-033.0		ľ
Power nozzle spray angle 15°	•			Ť
Power nozzle 15°, 036	25	2.113-043.0	Flat jet nozzle for stubborn dirt.	
Power nozzle 15°, 040	26	2.113-045.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	1
Power nozzle 15°, 045	27	2.113-046.0		İ
Power nozzle spray angle 40°		-		Ť
Power nozzle 40°, 040	28	2.113-003.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	

 $[\]blacksquare$ Included in the scope of supply. $\hfill\Box$ Available accessories.

















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		Order no.	Description	
KÄRCHER POWER NOZZLE	'			
Power nozzle spray angle 40°				
Power nozzle 40°, 045	29	2.113-053.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	
HIGH-PRESSURE HOSES	<u>'</u>			
Standard with unions on both sides				
High-pressure hose, 10 m, ID 6, 250 bar, 2 × EASY!Lock	30	6.110-035.0	10 m long high-pressure hose (DN 6) equipped with EASY!Lock manual screw fitting on both sides. Suitable up to 250 bar and with ANTI!Twist.	-
High-pressure hose, 10 m, ID 10, 220 bar, 2 × EASY!Lock	31	6.110-041.0	Impressive values and basic equipment: 10 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	
High-pressure hose, 10 m, ID 6, 250 bar, 2 × EASY!Lock	32	6.110-034.0	10 m long high-pressure hose with EASY!Lock manual screw fitting on both sides. Nominal size DN 6, suitable up to 250 bar.	
High-pressure hose, 10 m, ID 6, 300 bar, 2 × EASY!Lock	33	6.110-056.0	High-pressure hose (DN 6) equipped with ANTI!Twist and the new EASY!Lock manual screw fitting on both sides. For pressures up to 300 bar. 10 m long.	
High-pressure hose, 10 m, ID 8, 315 bar, 2 × EASY!Lock	34	6.110-031.0	High-pressure hose (DN 8) suitable up to 315 bar pressure. With innovative EASY!Lock manual screw fitting on both sides, ANT!!Twist and 10 m long.	
High-pressure hose, 15 m, ID 8, 315 bar, 2 × EASY!Lock	35	6.110-030.0	15 m long high-pressure hose, DN 8, with ANTI!Twist and time-saving EASY!Lock manual screw fitting on both sides.	
High-pressure hose, 20 m, ID 8, 315 bar, 2 × EASY!Lock	36	6.110-032.0	20 m long high-pressure hose (DN 8) equipped with the time-saving and robust EASY!Lock manual screw fitting on both sides. Approved for pressures up to 315 bar.	
High-pressure hose, 30 m, ID 8, 315 bar, 2 × EASY!Lock	37	6.110-014.0	Comfortable length (30 m) and innovative EASY!Lock manual screw fitting: High-pressure hose (DN 8) with ANTI!Twist for pressures up to 315 bar.	
High-pressure hose, 15 m, ID 10, 220 bar, 2 × EASY!Lock	38	6.110-042.0	Equipped with innovative EASY!Lock manual screw fitting and suitable for pressures up to 220 bar: $15\ m$ long high-pressure hose (DN 10).	
High-pressure hose, 20 m, ID 10, 220 bar, 2 × EASY!Lock	39	6.110-043.0	20 m in length and the extremely time-saving and comfortable EASY!Lock manual screw fitting on both sides are some of the main features of this high-pressure hose (DN 10).	
High-pressure hose, 25 m, ID 10, 220 bar, 2 × EASY!Lock	40	6.110-044.0	Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	
High-pressure hose, 40 m, ID 10, 220 bar, 2 × EASY!Lock	41	6.110-045.0	40 m long high-pressure hose with EASY!Lock system for the time-saving manual screw connection (both sides). Nominal size (DN) 10, working pressure up to 220 bar.	
High-pressure hose, 15 m, ID 12, 210 bar, 2 × EASY!Lock	42	6.110-059.0	Designed for working pressures up to 250 bar: High-pressure hose (DN 12) with a length of 15 m. Has the comfortable EASY!Lock manual screw fitting on both sides.	

 $[\]blacksquare$ Included in the scope of supply. \qed Available accessories.

























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		Order no.	Description	
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 40 m, ID 12, 210 bar, 2 × EASY!Lock	43	6.110-060.0	With EASY!Lock manual screw fitting and lots of room for manoeuvre thanks to 40 m in length: High-pressure hose (DN 12) with EASY!Lock manual screw fitting on both sides. Suitable for working pressures up to 250 bar.	
Longlife 400 with unions on both sides	•			
High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, 2 × EASY!Lock	44	6.110-024.0	1.5 m short high-pressure hose (DN 8). Comfortable EASY!Lock manual screw fitting on both sides for robust and quick connections. Durable and designed for up to 400 bar pressure.	
High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, 1 \times EASY!Lock / 1 \times M22 \times 1.5	45	6.110-069.0	1.5 m long high-pressure hose (DN 8) suitable for up to 400 bar pressure with double steel core. Connections: M 22×1.5 , as well as the comfortable and quick EASY!Lock manual screw fitting.	
High-pressure hose Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock	46	6.110-038.0	Durable, 10 m long high-pressure hose (DN 8) with double steel core and EASY!Lock manual screw fitting on both sides and ANTI!Twist. Approved for 400 bar pressure.	
High-pressure hose Longlife, 30 m, ID 8, 400 bar, 2 × EASY!Lock	47	6.110-023.0	Robust high-pressure hose with double steel core, ANTI!Twist and EASY!Lock manual screw fitting on both sides. Nominal size DN 8, 30 m long, for up to 400 bar pressure.	
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	48	6.110-027.0	High-pressure hose with ANTI!Twist, EASY!Lock manual screw fittings and double steel core. 20 m long, nominal size DN 8, EASY!Lock manual screw fitting on both sides.	
High-pressure hose Longlife, 15 m, ID 8, 400 bar, 2 × EASY!Lock	49	6.110-029.0	The double steel core ensures a particularly long life of this 15 m long high-pressure hose (DN 8), which is approved for pressures up to 400 bar.	
Food industry version with unions on both side	es			
High-pressure hose food grade, 15 m, ID 6, 250 bar, 2 × EASY!Lock	50	6.110-063.0	15 m long high-pressure hose (ID 6), food grade, with AVS hose reel connection, EASY!Lock hand screw connection and grey, non-marking outer covering.	
High-pressure hose food grade, 10 m, ID 8, 250 bar, 2 × EASY!Lock	51	6.110-051.0	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, 20 m, ID 8, 250 bar, 2 × EASY!Lock	52	6.110-052.0	Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, ANTI!Twist and EASY!Lock hand screw connections.	
Longlife food design with screw connections at	both	ends		
High-pressure hose food grade Longlife, 10 m, ID 8, 400 bar, 2 \times EASY!Lock	53	6.110-053.0	With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, ANTI!Twist and EASY!Lock hand screw connection at both ends.	
High-pressure hose food grade Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	54	6.110-054.0	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 curved, 1.5 m, ID 8, 400 bar, 1 \times EASY!Lock / 1 \times M22 \times 1.5	55	6.110-068.0	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.	
POWER GENERATOR				
PGG 8/3	56	1.042-209.0	Powerful PGG 8/3 synchronous generator with constant 7 kW output, 4-stroke petrol engine and 25 I tank. For independent power supply with AC and three-phase current.	, 🗆

 $[\]blacksquare$ Included in the scope of supply. \qed Available accessories.























		Order no.	Description	
WEED CONTROL				
WR 50	57	2.114-013.0	In combination with a hot water high-pressure cleaner from Kärcher, the 50 cm wide weed remover WR 50 is ideal for removing weeds. It comes with an adaptive chassis and nozzle adapter.	
WR 20	58	2.114-014.0	For thorough weed removal: The WR 20 weed remover for use with a hot water high-pressure cleaner from Kärcher. Equipped with a 20 cm wide nozzle bar and nozzle adapter.	
WR 100	59	2.114-015.0	Comfortable and fast weed removal: WR 100 weed remover with chassis, 100 cm wide nozzle bar and integrated nozzle adapter for use with hot water high-pressure cleaners.	
WR 10	60	2.114-016.0	In combination with hot water high-pressure cleaners our WR 10 weed remover enables fast and thorough weed removal. With 10 cm spray head and nozzle adapter.	
ECO!BOOSTER				
eco!Booster TR 040	61	2.113-086.0	eco!Booster with 50% higher area performance than the Kärcher power nozzle; ideal for delicate surfaces. For cold and hot water high-pressure cleaners (nozzle size 040).	
eco!Booster TR 045	62	2.113-087.0	eco!Booster with 50% more area performance than the Kärcher power nozzle; suitable for delicate surfaces. For cold and hot water high-pressure cleaners (nozzle size 045).	
QUICK CONNECT				
Quick coupling	63	2.115-000.0	For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 × 1.5 internal thread.	
Male coupling	64	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22×1.5 external thread.	
DRUM AND TANK CLEANING		1		
Add-on kit mud sucker	65	2.641-798.0	For connection to the high-pressure hose of Kärcher high-pressure cleaners: Powerful sludge suction cleaner for the retrofitting of high-pressure cleaners to dirt pumps.	
ADD ON KITS				
Elapsed time counter attachment kit	66	2.853-192.0	Elapsed time counter attachment kit for determining the appliance running time.	
OTHER HP ACCESSORIES				
Jet gun	67	2.869-067.0	Short set-up time, easy transport, instant switch off - the jet gun is the affordable cleaning method for all kinds of small to medium-sized areas. Adjustable pressure/water volume.	
FLUE PIPE				
Flue gas adapter	68 69	4.656-149.0 4.656-080.0	Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).	
DICHTUNGEN FÜR TR-GEWINDE				H
Gasket set with 9x O-rings for TR thread	70	2.880-001.0		
☐ Available accessories.		<u> </u>		

 $^{\ \}square$ Available accessories.

















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		Order no.	Description	
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster, large, 040	71	4.114-041.0		le [
Dirt blaster, large, 045	72	4.114-042.0	and bearing ring for a long service life. Further data: Max. 300 bar, 30 MPa, 85°C.	
MULTIPLE-JET NOZZLES				
Angled vario nozzle 0-90°				
Angled Vario nozzle, 050	73	4.113-007.0	Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds o	of [
Angled Vario nozzle, 055	74	4.113-008.0	soiling and surfaces.	
STEAM JET NOZZLE / NOZZLE PROTECTOR / RO	DLLOV	ER NOZZLE		
Rollover nozzle holder				
Owner of jets double brass	75	4.764-012.0	Rollover nozzle holder for contactless changeover from pencil jet to fan jet as well as low-pressure detergent injection via knurled nut. Without nozzle insert. (Additional type-specific power nozzle).	
NOZZLE UNION / SPACER				Ť
Nozzle union				
Nozzle screws	76	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	77	6.110-046.0	The 10 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	78	6.110-008.0	The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	
Pipe cleaning hose, ID 6, 30 m, max. 250 bar	79	6.110-047.0	The 30 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	
Pipe cleaning nozzle				
Pipe cleaning dirt blaster D21/040	80	4.765-001.0	The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted	
Pipe cleaning dirt blaster D21/060	81	4.765-002.0	jets ensure the necessary forward movement, as well as convenient handling.	
Pipe cleaning dirt blaster D30/040	82	4.765-004.0		
Pipe cleaning dirt blaster D30/060	83	4.765-005.0		[
Pipe cleaning nozzle 120	84	5.763-089.0	Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	Г

[☐] Available accessories.





















		Order no.	Description	
PIPE CLEANING				Ė
Pipe cleaning nozzle				
Pipe cleaning nozzle	85	5.763-015.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for	
	86	5.763-016.0	environmentally-friendly cleaning of blocked drains and pipes.	Г
Paration visco description	87	5.763-017.0	Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R $1/8$ " connection, 3×30 ° backwards, diameter 30 mm.)	
Rotating pipe cleaning nozzle	88	6.415-428.0	Pipe cleaning nozzle with four rotating jets and inner thread. Different spray directions. The hose moves freely through the pipe. With R 1/8" connection.	
	89	6.415-440.0	Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	
FLOOR AND HARD SURFACE CLEANER				
Hard Surface Cleaner FRV 30				
Hose fastening attachment kit	90	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.	
Dirt trap attachment kit	91	2.642-532.0	Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	
FR 30 Me surface cleaner				
Hard Surface Cleaner FR 30 Me	92	2.111-013.0	Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.	
Hard Surface Cleaner FR 50				
Surface Cleaner FR 50 Me	93	2.111-023.0	Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas.With double ceramic bearings, push handle, non-marking swivel castors and detergent dosing system.	g C
Machine-specific nozzle kits for FR				
Nozzle kit for FR, 500 l/h - 650 l/h	94	2.640-401.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (500 to 650 l/h).	
Nozzle kit for FR, 650 l/h - 850 l/h	95	2.639-187.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).	
Machine-specific nozzle kits for FRV				
Nozzle kit for FRV, 040	96	2.642-431.0	Machine-specific nozzle kit Kärcher power nozzles and jet nozzle for FRV 30.	
Nozzle kit for FRV, 045	97	2.642-432.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
FRV 30 Me surface cleaner				Ė
FRV 30 Me Surface Cleaner	98	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.	

[☐] Available accessories.























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		Order no.	Description	
FLOOR AND HARD SURFACE CLEANER		Order 110.	Description	4
FRV 30 Me surface cleaner				-
Extension hose FRV 30 Me and FRV 50 Me	99	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	
FOAM SYSTEMS				Ī
Cup foam lance				ī
Cup foam lance Advanced 1, 400 l/h - 600 l/h	100	4.112-063.0	High-quality and robust cup foam lance Advanced 1 with spray angle adjustment and main body made of Ecobrass. Suitable for Karcher high-pressure cleaners with a flow rate of 400 to 600 l/h.	
Cup foam lance Advanced 2, 700 l/h - 800 l/h	101	4.112-064.0	Developed for Kärcher high-pressure cleaners without servo control: The cup foam lance Advanced 2 impresses with a main body made of Ecobrass for use with aggressive cleaning agents.	Ė
Cup foam lance DUO Advanced 2, 700 l/h - 800 l/h	102	4.112-068.0	For pressure washers without Servo Control: The DUO Advanced 2 cup foam lance is impressive with its option for direct switching to high-pressure cleaning and two-litre detergent tank.	
Cup foam lance Basic 1, 350 l/h - 600 l/h	103	4.112-053.0	For high-pressure cleaners with a flow rate of 350-600 l/h: new, robust and very high-quality Basic 1 cup foam lance with outstanding foam quality while consuming half as much cleaning agen	ıt.
Cup foam lance Basic 2, 700 l/h - 800 l/h	104	4.112-054.0	Newly developed, very robust Basic 2 cup foam lance especially for high-pressure cleaners with a flow rate of 700-800 l/h. For excellent foam quality with half the cleaning agent consumption.	
1-litre cleaning agent container for cup foam lance basic	105	5.071-414.0	For the quick change of the cleaning agent: Additional 1 litre cleaning agent container for basic foam lance (2.112-053.0, 2.112-054.0 and 2.112-055.0).	
1-litre cleaning agent container for cup foam lance advanced	106	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		L		
Inno Foam Set with detergent injector	107	2.112-000.0	High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For	
Inno Foam Set	108	2.112-008.0	use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.	
Easy Foam Set				Ī
Easy Foam Set with RM injector	109	2.112-010.0	HP foam system for use with. HD/HDS units for cleaning and disinfecting. Foam nozzle for	
Easy Foam Set	110	2.112-011.0	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				Ī
Nozzle kit 060 for Inno / Easy Set 600-700 I/h	111	2.111-018.0	Optimal adaptation to different machine outputs for economic use.	
Nozzle kit 090 for Inno / Easy Set 700-1,000 I/h	112	2.111-019.0	Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 l/h. For optimal foam system performance.	

 $[\]hfill \square$ Available accessories.

KÄRCHER

























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		Order no.	Description	
FOAM SYSTEMS		Order no.	Description	+
Foam nozzle mounting kit				
Foam nozzle attachment kit	113	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.	
MIXERS AND INJECTORS				Ė
Cleaning agent injector				
Cleaning agent injector for high and low pressure (without nozzles)	114	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	
Cleaning agent injector for high pressure (without nozzle)	115	4.637-033.0	Cleaning agent dosage at high pressure 3 - 5 %	
Stainless steel injector kit for HD 7/18-4M/HDS 8/18-4C	116	6.645-759.0	The stainless steel injector for HD 7/18-4 M and HDS 8/18-4 C High-pressure cleaners for precise cleaning agent dosage via 10 different inserts.	
Machine-specific nozzle kit with order no. 4.63	37-033	3.0		Ė
Nozzle kit 500-700 l/h	117	4.769-009.0	For HDS 500 - 700 l/h. Consists of nozzle insert + HP power nozzle + union	
Nozzle kit 750-1000 l/h	118	4.769-011.0	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	119	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	120	4.769-001.0	For low pressure with machines up to 1.100 l/h	
COUPLING PARTS				Ė
Rotary coupling				
Rotary coupling	121	4.111-021.0	Reliably prevents twisting of HP hoses. Connection Easy!Lock. Handle protection	
Connector				
Screw socket for surface cleaners and Servo Control controllers	122	4.111-022.0	For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) – $1 \times M$ 22 \times 1.5/1 \times M 18 \times 1.5.	
Y distributor	123	4.111-024.0	Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	
Short spray unit	124	4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). No compatible with triple nozzles.	t [
EASY!Lock adapter				
Adapter 1 M22AG-TR22AG	125	4.111-029.0	Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	126	4.111-030.0	Adapter 2 to connect the old device with the new hose and the old gun with the new hose	

 $[\]hfill \square$ Available accessories.





























		Order no.	Description		
COUPLING PARTS				t	
EASY!Lock adapter					
Adapter 3 M22IG-TR22AG	127	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator		
Adapter 4 TR22IG-D11	128	4.111-032.0	Adapter 4 to connect the new gun with the old swivel hose		
Adapter 5 TR22IG-M22AG	129	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	130	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	131	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle		
Adapter 8 TR20IG-M18AG	132	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle		
Adapter hose extension 9 TR	133	4.111-037.0	Adapter 9 to connect the new hose with the new hose		
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 × 1.8 AG	134	4.111-046.0	Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection		
HOSE REELS					
Manual hose reel attachment kit					
Hose reel attachment kit for HDS compact class, 20 m	135	2.110-010.0	Hose reel attachment kit for installation on the machine. For secure and space-saving storage of the high-pressure hoses (with a connection hose for the machine high-pressure outlet). Rotatable under pressure with connection for male coupling.		
Automatic, self-winding hose reels for wall mo	unting	3			
Automatic plastic hose reel incl. high-pressure hose, 15 m	136	2.639-257.0	Spring-mounted and ready-to-use automatic hose reel for wall mounting. Simplifies handling of the high-pressure hose, shortens set-up times and increases occupational safety.	<u> </u>	
Automatic hose reel, powder-coated steel / plastic, 20 m	137	6.392-074.0	Automatic hose reel for 20 m high-pressure hose. The console is made from powder-coated steel, the drum is made from plastic.		
Automatic stainless steel / synthetic material hose drum, 20 m	138	6.392-083.0	Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.		
Automatic hose reel, coated, 20 m	139	6.392-106.0	Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	. 🗆	
Hose reel, automatic, basalt grey-coated, 20 m	140	6.392-105.0	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).		

 $[\]hfill \square$ Available accessories.



























		Order no.	Description	
HOSE REELS				
Automatic, self-winding hose reels for wall mo	untin	3		
Automatic hose reel, stainless steel, includes swivel holder, 20 m	141	6.392-076.0	Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
Automatic stainless steel hose reel, 40 m	142	6.392-442.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. Compatible high-pressure hose, e.g. order no. 6.110-076.0 (ID 8, 40 m, 400 bar, 1x hose reel connection attachment kit).	
Zinc-coated swivel holder	143	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	144	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.	
Automatic, self-winding hose reel attachment l	kit	<u>'</u>		
Attachment kit automatic hose reel HDS C	145	2.110-012.0	Complete automatic hose reel attachment kit for HDS compact class. Simple installation and all unit functions are accessible. Offers maximum convenience when winding and unwinding the HP hose. Contains: Automatic hose reel, HP hose and all connection parts.	
Attachment kit automatic hose reel holder HDS C	146	2.110-013.0	Holder includes connection material for installing an automatic hose reel to machines from the HDS compact class.	5 🗆
FACADE AND SOLAR PANEL CLEANING				
Brushes				
Drive for roller brush 500	147	4.762-584.0	Hydraulic drive for rotating roller brushes. For cleaning façades or solar power installations with our professional high-pressure cleaners. Installation on spray lance or telescopic lance.	
Splash guard for roller brush 500	148	4.762-621.0	Splash guard with velcro fastening for rotating roller brush. Clear view of the brush thanks to transparent film, with protection against splashes at the same time.	
Roller brush 500 soft	149	4.762-623.0	Soft brush attachment for use with hydraulic drive (4.762-584.0). Ideal for glass and solar power installation cleaning. Easy quick-change system and secure mounting on drive.	
Roller brush 500 medium	150	4.762-624.0	Medium-hard brush attachment for use with hydraulic drive (4.762-584.0), Suitable for sensitive façades, foils and fabrics. Easy and safe quick-change system.	
Roller brush 500 hard	151	4.762-625.0	Hard brush attachment for use with hydraulic drive (4.762-584.0). For rough façades, stone and wooden patios. Safe and easy quick-change system.	
Brush hard	152	6.960-133.0	Brush with hard bristles for cleaning industry facades and floor coverings and removing coarse dirt. Simple installation on telescopic lances or high-pressure lances from Kärcher.	
Brush medium	153	6.960-134.0	Optimally cleans facades, roller shutters and textile fabrics: the brush with medium-hard bristles for fast and simple attachment to telescopic lances or high-pressure lances from Kärcher.	
Brush soft	154	6.960-135.0	For simple installation on telescopic lances or high-pressure lances from Kärcher: brush with soft bristles for deep cleaning of sensitive surfaces such as glass or solar systems.	

 $[\]hfill\square$ Available accessories.





















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FACADE AND SOLAR PANEL CLEANING		Order no.	Description	L
Brushes				_
iSolar 800 Advanced	155	6.368-094.0	iSolar 800 water-driven brush head, 800 mm wide, for water flow rates of 700-1,000 l/h. With two contra-rotating disc brushes and flexible angle joint. For photovoltaic systems.) [
iSolar 400 Advanced	156	6.368-092.0	iSolar 400 brush for water flow rate of 700-1,000 l/h. The water-driven disc brush with a width of 400 mm cleans small to medium-sized photovoltaic systems. Also perfect for use on elevated systems.	
Telescopic lances				
TL low pressure adapter	157	4.580-097.0	TL low-pressure adapter comprising ball valve for tool-free installation on telescopic lances. Ideal for applications with rotating high-pressure brushes.	
Telescopic lance TL 7 F	158	4.762-609.0	Telescopic lance TL 7 F with up to 7 m reach made from robust and lightweight glass fibre. With practical quick-release fasteners for simple retraction and extension.	
Telescopic lance TL 7 H	159	4.762-610.0	Multifunctional hybrid telescopic lance TL 7 H made of rigid and lightweight carbon-glass fibre mix Telescopic thanks to quick-release fastenings. Up to 7 m reach.	. [
Telescopic lance TL 10 H	160	4.762-611.0	Up to 10 m reach: hybrid telescopic lance TL 10 H. Comprising carbon-glass fibre mix and suitable for multifunctional use. Simple retraction and extension thanks to quick-release fasteners.	
Telescopic lance TL 10 C	161	4.762-612.0	Carbon fibre telescopic lance TL 10 C. With up to 10 m reach and practical quick-release fasteners. Multifunctional use for cleaning facades, windows or solar panels.	
Telescopic lance TL 14 C	162	4.762-613.0	Maximum rigidity with minimum weight: telescopic lance TL 14 C made from carbon fibre. Enormous reach of 14 m, multifunctional use and easy to use thanks to quick-release fasteners.	
TL high pressure adapter	163	4.775-154.0	TL high-pressure adapter, flexible high-pressure gun for high-pressure cleaning with telescopic lances. Ergonomic, easy to install, suitable for right- and left-handed individuals.	
Water softening				
WS 50	164	6.368-463.0	The mobile WS 50 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water.	
WS 100	165	6.368-464.0	The mobile WS 100 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water.	
WS Regenerator	166	6.368-465.0	With the WS Regenerator regeneration system, the softening cartridges of the water softening units WS 50 and WS 100 can be backflushed and regenerated at the push of a button.	5 [
Hoses				
iSolar HP hose 7	167	6.392-978.0	High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	
iSolar HP hose 10	168	6.392-977.0	High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	

 $[\]hfill \square$ Available accessories.

KÄRCHER





170



171-172



173-174















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		Order no.	Description	
FACADE AND SOLAR PANEL CLEANING				
Hoses				
iSolar HP hose 14	169	6.392-976.0	High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	
Attachment kits and adapters				
iSolar fall protection	170	6.988-152.0	Certified personal security system for rooftop work. Contents: Travelling fall arrestor with shock absorber and 15 m kernmantle rope, harness, anchoring sling and sheet steel case.	
WET BLASTING ATTACHMENT				
Wet blasting attachment (without nozzle)				
Wet blasting attachment with flow control (without nozzles)	171	4.115-000.0	Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.	
Wet blasting attachment without flow control (nozzles not included)	172	4.115-006.0	Addition of spray agent to the high pressure jet. For paint stripping, rust removal and descaling. Assembly on spray lance instead of high-pressure nozzle. Without water flow regulation	
Nozzle kits for wet jet unit				
Nozzle kit for wet jet unit 040	173	2.112-019.0	Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet	
Nozzle kit for wet jet unit 045	174	2.112-022.0	blasting attachment performance. Only in combination with wet blasting attachment 4.115-000.0 4.115-006.0.	Г
Boron carbide nozzle				
Boron carbide nozzle, for machines up to 1,000 l/h	175	6.415-084.0	In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	
DRUM AND TANK CLEANING				
Barrel and tank cleaning				
Barrel cleaner BC 14/12	176	2.112-020.0	The BC 14/12 barrel cleaner is a spray unit for the interior cleaning of containers and barrels – especially oak barrels with a capacity of between 225 and 600 litres.	
Spray head HKF 30/14-E	177	6.751-061.0	Compact interior cleaning head made of stainless steel for cleaning the interiors of drums and containers with openings of 65 mm or more. Offers an impressively low weight and constant rotation speed by means of an electric motor.	
Nozzle kit for spray head HKF 50 (3.631-009.0	7 3.6	31-039.0)		
High-pressure full jet nozzle 030 for interior cleaning heads	178	6.415-444.0	High-pressure full jet nozzle 030 for interior cleaning heads with a spray angle of 0°, made of hardened stainless steel and with 1/8-inch thread.	
High-pressure full jet nozzle 090 for interior cleaning heads	179	6.415-447.0	High-pressure full jet nozzle 090 for interior cleaning heads with a spray angle of 0°, made of hardened stainless steel and with 1/8-inch thread.	
Double grip for precise control of spray head	180	2.863-036.0	Double handle. Precise control of the spray head	
1/8" screw plug for interior cleaning heads	181	5.411-061.0	Screw plug for high-pressure interior cleaning heads with 1/8-inch thread.	Г
WATER CONNECTION				t
Geka coupling				
Geka connector with hose barb, R 1/2"	182	6.388-461.0	with hose liner	
Available accessories.				

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		Order no.	Description	
WATER CONNECTION		Order 110.	Description	
Geka coupling				-
Geka connector with hose barb, R 3/4"	183	6.388-455.0	with hose liner	
Geka connector with hose barb, R 1"	184	6.388-465.0	with hose barb	-
Geka connector with internal thread, R 1"	185	6.388-458.0	with female thread	-
Suction filter		I		
Water suction filter	186	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	1
Suction filter with check valve	187	4.730-012.0	Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Water fine filter				Ī
Universal water fine filter, 25 μm	188	2.637-020.0	Water fine filter, mesh size 25 µm, max. temperature 50 °C. Protects the machine from small dirt particles in the water. Water volume up to 1200 l/h. 3/4" connection, with 1" adapter.	
Water fine filter, with adapter	189	4.730-102.0	Fine-mesh water filter, $125 \mu m$, max. temperature 50° C. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to $1200 l/h$. Connection $3/4$ ", with adapter 1 ".	۲,
Water fine filter, 100 μm, R 1"	190	2.638-270.0	Fine-mesh water filter, $100 \mu m$, max. temperature 60° C. Connects to high-pressure cleaner. Protect the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to $1200 l/h$. Connector $1''$.	3
Water supply hose				Ī
Water supply hose	191	4.440-038.0	NW 13 R1" / R 3/4", up to 30 °C	
	192	4.440-207.0	NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
WASHING BRUSHES				
Push-on washing brush				Ī
Push-on wash brush	193	4.113-001.0	For universal use for surface cleaning. Mounted using clamp directly at the spray lance. TR thread connection	
Rotating washing brush				
Rotating wash brush for < 1000 l/h machines, nylon bristles	194	4.113-004.0	The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 60° C. (M 18×1.5 , replaceable brush insert).	
Rotating wash brush for < 800 l/h machines, natural bristles	195	4.113-003.0	Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60° C, M 18×1.5 (replaceable brush insert).	
Available accessories.		•		

 $[\]hfill \square$ Available accessories.