HDS 7/12-4 M

Extremely user-friendly middle class hot water blaster with a robust 3-piston axial pump, water-cooled 4-pole electric motor and two detergent tanks.

WORLD'S NO. 1 PRESSURE WASHER BRAND

Made in Germany

3–4 h

AVS

EASY!Force

Order no.	1.071-951.0

Technical data

EAN code		4066529151551
Number of current phases	**Ph**	1
Voltage	**V**	230 – 240
Frequency	**Hz**	50
Flow rate	**l/h**	350 – 700
Working pressure	**bar / MPa**	30 – 120 / 3 – 12
Max. pressure	**bar / MPa**	165 / 16.5
Temperature (12°C inlet temperature)	**°C**	min. 80 – max. 155
Connected load	**kW**	3.4
Heating oil consumption, full load/eco!efficiency	**kg/h**	4.6
Heating oil consumption, eco!efficiency	**kg/h**	3.7
Power cable	**m**	5
Nozzle size		025
Fuel tank	**l**	25
Weight (with accessories)	**kg**	181.5
Weight incl. packaging	**kg**	191.3
Dimensions (L × W × H)	**mm**	1300 × 800 × 1140

This device requires instruction.

Scope of supply

- **Spray gun:** EASY!Force Advanced
- **High-pressure hose length:** 20 m
- **High-pressure hose type:** Longlife
- **High-pressure hose specification:** DN 8, 315 bar
- **Spray lance:** 1050 mm
- **Power nozzle**
- **High-pressure spray lance**

Equipment

- **Cleaning agent function:** 20 + 10 l tank
- **ANTI!Twist**
- **Anti-twist system**
- **Pressure switch-off**
- **Two detergent tanks**
- **Dry-run protection**
- **Stainless steel heating coil**

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Maximum efficiency

- Highly efficient, tried-and-tested "Made in Germany" burner technology.
- 4-pole electric motor with three-piston axial pump.
- Water-cooled motor for a high level of performance and durability.

Operational safety

- Easy-to-access water filter protects the pump against dirt particles in the water.
- Safety valve, water shortage and fuel safeguard guarantee the operational safety of the device.
- The Soft Damping System (SDS) compensates for vibrations and pressure peaks in the high-pressure system.

Multiple storage spaces for accessories integrated into the machine

- On-board storage for full range of accessories. Includes two hooks for suction hose and power cord
- Spacious storage compartment for cleaning agents, gloves or tools, for example.

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		Order no.	Description	
TRIGGER GUNS				
Trigger guns				
EASY!Force Advanced	1	4.118-005.0	Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.	■
Pistol TR 155°C with package	2	4.119-002.0	High-quality Classic spray gun with robust valve. Also suitable for Kärcher hot water blasters.	☐
Conversion kit 1 from high pressure hose	3	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.	☐
Servo control				
Servo Control, 1100 l/h –	4	4.118-009.0	Water quantity and pressure regulated directly from the hand spray gun.	☐
SPRAY LANCES				
Rotating spray lances				
1050 mm spray pipe, rotatable, 1050 mm, rotatable	5	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
Jet pipe with transport packaging, 840 mm	6	4.119-003.0	Rotating Classic spray lance with ergonomic handle bowls in a robust and high-quality stainless steel design. Also suitable for Kärcher hot water blasters.	☐
Spray lance Classic EASY!Lock, 1050 mm	7	4.119-008.0	High-pressure spray lance with EASY!Lock screw connections from the Classic series from Kärcher. Also suitable for Kärcher hot water blasters.	☐
Jet pipe Classic TR 100mm, 100 mm	8	4.119-013.0	Rotating Classic spray lance with ergonomic handle bowls in a robust and high-quality stainless steel design. Also suitable for Kärcher hot water blasters.	☐
Jet pipe Classic TR 200mm, 200 mm	9	4.119-014.0		☐
Jet pipe Classic TR 400mm, 400 mm	10	4.119-015.0		☐
LED nozzle light	11	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	12	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	☐
Spray lance, 400 mm, rotatable	13	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	☐
600 mm spray pipe, rotatable, 600 mm, rotatable	14	4.112-007.0	600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐

■ Included in delivery. ☐ Available accessories.

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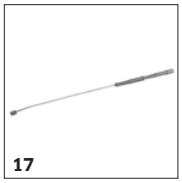
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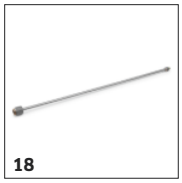
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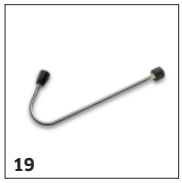
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		Order no.	Description	
SPRAY LANCES				
Rotating spray lances				
Spray lance, 840 mm, rotating, 840 mm, rotatable	15	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
1550 mm spray pipe, rotatable, 1550 mm, rotatable	16	4.112-018.0	1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
2050 mm spray pipe, rotatable, 2050 mm, rotatable	17	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	18	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	☐
Angular spray lance				
Spray lance for toilets and rain gutters	19	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	20	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	21	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.	☐
Undercarriage spray lance				
Underbody lance	22	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	23	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 , 048	24	2.113-010.0	Fan jet nozzle for large-area coverage and stubborn dirt and stains.	■
Power nozzle , 070	25	2.113-028.0		☐
HP nozzle spray angle 0°				
Power nozzle 0°, 075	26	2.113-037.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	☐
Power nozzle spray angle 15°				
Power nozzle 15°, 070	27	2.113-049.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	☐
Power nozzle spray angle 40°				
Power nozzle 40°, 075	28	2.113-056.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	☐

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		Order no.	Description	
WATER BLASTER HOSES				
Longlife 400 with unions on both sides				
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	29	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, 1,5 m, ID 8, 400 bar, 2 × EASY!Lock	30	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, 10 m, ID 8, 400 bar, 2 × EASY!Lock	31	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.	☐
Standard with unions on both sides				
High-pressure hose, 10 m, ID 8, 315 bar, 2 × EASY!Lock	32	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, ANTI!Twist and 10 m long.	☐
High-pressure hose, 15 m, ID 8, 315 bar, 2 × EASY!Lock	33	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	34	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	35	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.	☐
Classic				
Hose TR DN8 31,5MPa 20m with package, 20 m, ID 8, 315 bar × , EASY!Lock	36	4.119-006.0		☐
Hose TR DN8 31,5MPa 30m with package, 30 m, ID 8, 315 bar × , EASY!Lock	37	4.119-007.0		☐
WEED CONTROL				
WR 50	38	2.114-013.0	In combination with a hot water blaster 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 trapezoidal thread	39	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 10	40	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 050	41	2.113-088.0	eco!Booster with 50% higher area performance than the Kärcher power nozzle[1]; ideal for delicate surfaces. For cold and hot water high-pressure cleaners (nozzle size 050).	☐
QUICK CONNECT				
Quick coupling	42	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.	☐

■ Included in delivery. ☐ Available accessories.

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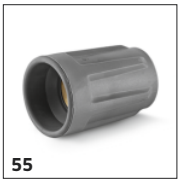
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		Order no.	Description	
QUICK CONNECT				
Male coupling	43	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 × 1.5 external thread.	☐
DRUM AND TANK CLEANING				
Add-on kit mud sucker	44	2.641-798.0	For connection 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	45	2.853-192.0	Elapsed time counter attachment kit for determining the appliance running time.	☐
SEALS FOR TRAPEZOIDAL THREAD				
Gasket set with 9x O-rings for TR thread	46	2.880-001.0		☐
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster Vibrasoft, 080	47	4.114-068.0	Vibrasoft rotary nozzle with rotating point jet for ten times greater cleaning performance. Durable dirt blaster thanks to ceramic nozzle. Reduces vibrations by up to 30% for maximum ergonomics.	☐
Dirt blaster, large, 070/080	48	4.114-030.0	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.	☐
Classic rotary nozzle				
Rotor nozzle TR 080	49	4.119-026.0		☐
MULTIPLE-JET NOZZLES				
Angled vario nozzle 0-90°				
Angled Vario nozzle, 055	50	4.113-008.0	Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.	☐
STEAM NOZZLE / NOZZLE PROTECTOR / ROLLOVER NOZZLE				
Steam jet nozzles				
Steam jet nozzle 50°	51	4.116-001.0	50° flat jet for cleaning and thawing operations in steam mode, e.g. thawing sand and gravel, de-icing formwork, dewaxing vehicles.	☐
Steam jet nozzle 40°, 050	52	2.114-002.0	Brass steam nozzle for operation of the HDS in steam stage.	☐
Steam jet nozzle 40°, 110	53	2.114-012.0		☐
Rollover nozzle holder				
Owner of jets double brass	54	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				
Nozzle union				
Nozzle screws	55	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	☐
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Hose assembly TR pipe cleaning DN6 max.2	56	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).	☐

☐ Available accessories.

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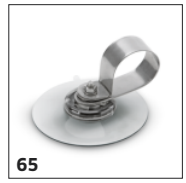
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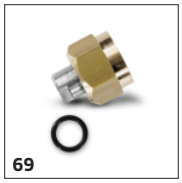
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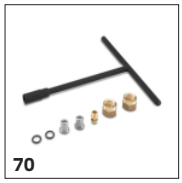
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		Order no.	Description	
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Pipe cleaning hose, NW 6, 20 m, 250 bar	57	6.110-008.0	The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	☐
Hose assembly TR pipe cleaning DN6 max.2	58	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				
Dirt blaster pipe cleaning D21/090	59	4.765-003.0	The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.	☐
Dirt blaster pipe cleaning D30/090	60	4.765-010.0		☐
Pipe cleaning nozzle 100	61	5.763-088.0	Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	☐
Pipe cleaning nozzle	62	5.763-019.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐
	63	5.763-020.0		☐
	64	5.763-021.0	30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐
FLOOR AND HARD SURFACE CLEANER				
Hard Surface Cleaner FRV 30				
Hose fastening attachment kit	65	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.	☐
Dirt trap attachment kit	66	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	67	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	68	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.	☐
Machine-specific nozzle kits for FR				
Nozzle kit for FR, 1100 l/h – 1300 l/h	69	2.639-188.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (1100 to 1300 l/h).	☐
Machine-specific nozzle kits for FRV				
Nozzle kit for FRV, 080	70	2.642-982.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	☐

☐ Available accessories.

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FLOOR AND HARD SURFACE CLEANER				
FRV 30 Me surface cleaner				
FRV 30 Me Surface Cleaner	71	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.	☐
FRV 30 Me extension hose	72	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	☐
Surface Cleaner FR 50 Me				
FRV 50 Me surface cleaner	73	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.	☐
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Advanced 3, 900 l/h – 2500 l/h	74	4.112-065.0	Specially designed for use with aggressive cleaning agents: High-quality cup foam lance Advanced 3 with spray angle adjustment and Ecobrass for water blasters from Kärcher.	☐
Cup foam lance DUO Advanced 3, 900 l/h – 2500 l/h	75	4.112-069.0	DUO Advanced 3 cup foam lance, designed for use with aggressive detergents. With instant switching to high-pressure cleaning, spraying angle adjustment and two-litre tank.	☐
Cup foam lance Basic 3, 900 l/h – 2500 l/h	76	4.112-055.0	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.	☐
1-litre cleaning agent container for cup foam lance basic	77	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	78	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	79	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.	☐
Inno Foam Set	80	2.112-008.0	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 water blasters for cleaning or disinfection.	☐
Easy Foam Set				
Easy Foam Set with RM injector	81	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.	☐
Easy Foam Set	82	2.112-011.0		☐
Nozzle kits for Inno/Easy Foam Set				
Nozzle kit 110 for Inno / Easy Set 1,000–1,300 l/h	83	2.111-020.0	Nozzle kit 110 contains Kärcher power nozzles and nozzle inserts. For Inn/Easy-Foam set 1000-1300 l/h. For optimal foam system performance.	☐
MIXERS AND INJECTORS				
Cleaning agent injector				
Cleaning agent injector for high and low pressure (without nozzles)	84	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	☐

☐ Available accessories.

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		Order no.	Description	
MIXERS AND INJECTORS				
Nozzle insert with order no. 3.637-001.0				
Nozzle insert from 1,100 l/h – HD	85	4.769-002.0	For high pressure with machines above 1.100 l/h	☐
COUPLING PARTS				
Rotary coupling				
Rotary coupling	86	4.111-021.0	Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector Easy!Lock. With grip protection.	☐
Connector				
Nozzle screws / screw socket	87	4.111-022.0	For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) – 1 × M 22 × 1.5/1 × M 18 × 1.5.	☐
Y distributor	88	4.111-024.0	Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	☐
Short spray unit	89	4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	☐
Adapter EASY!Lock				
Adapter 1 M22AG-TR22AG	90	4.111-029.0	Adapter 1 to connect the old hose with the new hose	☐
Adapter 2 M22IG-TR22AG	91	4.111-030.0	Adapter 2 to connect the old device with the new hose and the old gun with the new hose	☐
Adapter 3 M22IG-TR22AG	92	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	☐
Adapter 4 TR22IG-D11	93	4.111-032.0	Adapter 4 to connect the new gun with the old swivel hose	☐
Adapter 5 TR22IG-M22AG	94	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	95	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	96	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	☐
Adapter 8 TR20IG-M18AG	97	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	☐
Adapter hose extension 9 TR	98	4.111-037.0	Adapter 9 to connect the new hose with the new hose	☐

☐ Available accessories.

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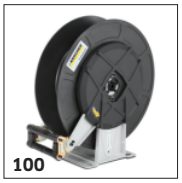
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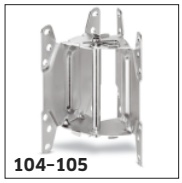
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		Order no.	Description	
COUPLING PARTS				
Adapter EASY!Lock				
ADAPTER for replacement TR22IG-M22AG Er	99	4.111-046.0	Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	☐
HOSE REELS				
Automatic, self-winding hose reels for wall mounting				
Automatic hose reel, powder-coated steel / plastic, 20 m	100	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 hose reel, coated, 20 m	101	6.392-106.0	Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	☐
Automatic hose reel, stainless steel, includes swivel holder, 20 m	102	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	103	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	104	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	105	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 kit				
Attachment kit automatic hose reel HDS M/S	106	2.110-011.0	Automatic hose reel as a complete attachment kit that's easy to mount. Suitable for HDS medium and super class. For maximum convenience when winding and unwinding the high-pressure hose.	☐
Attachment kit automatic hose reel holder HDS M/S	107	2.110-020.0	Holder includes connection material for installing an automatic hose reel to machines in the HDS Middle and Super classes.	☐
FACADE AND SOLAR PANEL CLEANING				
Brushes				
Brush hard	108	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	109	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	110	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.	☐
iSolar 800 Advanced (1100-1300 l/h)	111	6.368-095.0	For water flow rates of 1,100–1,300 l/h: The 800-mm iSolar water-driven brush head with two contra-rotating disc brushes and flexible angle joint ensures that photovoltaic systems are given an even clean.	☐
iSolar 400 Advanced	112	6.368-093.0	The iSolar 400 water-driven disc brush (working width 400 mm) is designed for water flow rates of 1,100-1,300 l/h. For small to medium-sized photovoltaic systems (including elevated systems).	☐

☐ Available accessories.

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EQUIPMENT FOR HDS 7/12-4 M
1.071-951.0

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		Order no.	Description	
FACADE AND SOLAR PANEL CLEANING				
Teleskopstangen				
TL low pressure adapter	113	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	114	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	115	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	116	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	117	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	118	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	119	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.	☐
Wasserenthärtung				
WS 50	120	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	121	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	122	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.	☐
Schläuche				
iSolar HP hose 7	123	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	124	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.	☐
iSolar HP hose 14	125	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	126	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.	☐

☐ Available accessories.

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1.071-951.0

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		Order no.	Description	
WET BLASTING ATTACHMENT				
Wet blasting attachment (without nozzle)				
Wet blasting attachment with flow control (without nozzles)	127	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)	128	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	☐
Boron carbide nozzle				
Boron carbide, for machines from 1,000 l/h	129	6.415-083.0	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	130	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.	☐
ADD ON KITS				
Remote control set				
Add-on kit remote control HDS M/S/C	131	2.394-005.0		☐
WATER CONNECTION				
Geka coupling				
Geka connector with hose barb, R 3/4"	132	6.388-455.0	with hose liner	☐
Geka connector with hose barb, R 1"	133	6.388-465.0	with hose barb	☐
Hose coupling	134	6.388-458.0	with female thread	☐
Water fine filter				
Water fine filter, with adapter	135	4.730-102.0	Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the water blaster from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".	☐
Water supply hose				
Water supply hose	136	4.440-270.0	NW 19 R1" / R1", up to 85 °C	☐
WASHING BRUSHES				
Push-on washing brush				
Push-on wash brush	137	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	138	4.113-002.0	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).	☐
Rotating washing brush for > 800 l/h machines	139	4.113-005.0		☐

☐ Available accessories.