HD 7/12-4 M PLUS

The HD 7/12-4 M Plus, a powerful, robust and versatile cold water pressure washer with good accessory storage and perfect manoeuvrability for daily operation.

WORLD'S NO. 1 PRESSURE WASHER BRAND

Made in Germany

2-3 h

EASY!Force

1 x 360° EASY!Lock

Order no.	1.524-936.0

Technical data

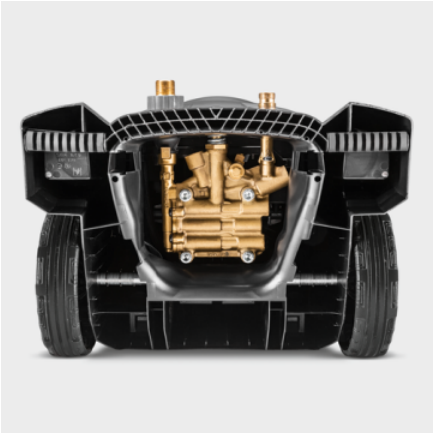
EAN code		4054278504919
Number of current phases	**Ph**	1
Voltage	**V**	240
Frequency	**Hz**	50
Flow Rate	**l/h**	700
Water feed temperature	**°C**	60
Operating pressure	**/ MPa**	120 / 12
Max. Pressure	**bar / MPa**	180 / 18
Power rating	**kW**	3.1
Power cable	**m**	5
Water inlet		3/4"
Colour		anthracite
Weight (with accessories)	**kg**	41.3
Weight incl. packaging	**kg**	44.6
Dimensions (L × W × H)	**mm**	400 × 455 × 700

Scope of supply

Spray gun: EASY!Force
Spray lance: 840 mm
Power nozzle
Dirt blaster
Quick coupling
Foam lance

Equipment

High-pressure hose length: 10 m
High-pressure hose type: Premium quality
Pressure cut-off



High-quality equipment

- Automatic pressure relief for protecting the components extends their service life.
- Powerful, 4-pole slow-running electric motor.
- High-quality brass cylinder head

Flexible operation

- Designed for upright and horizontal operation.
- Maximum stability in horizontal operation as the wheels do not touch the ground.

Outstanding mobility

- Push handle can be retracted at the push of a button, thus increasing the compactness of the machine and reducing the space requirement.
- Effortless storage in service vehicles.
- Integrated storage options reduce the set-up times.

HD 7/12-4 M Plus, 1.524-936.0, 2026-09-04

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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.	■
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.	☐
SPRAY LANCES				
Rotating spray lances				
Spray lance, 840 mm, rotatable	5	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
Jet pipe TR 1050mm with package, 1050 mm	6	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 high-pressure cleaners.	☐
Jet pipe TR 600mm with package, 600 mm	7	4.119-009.0	Rotating Classic spray lance with ergonomic handle bowls in a robust and high-quality stainless steel design. Also suitable for Kärcher hot water high-pressure cleaners.	☐
Jet pipe Classic TR 100mm, 100 mm	8	4.119-013.0		☐
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	☐
Spray lance, 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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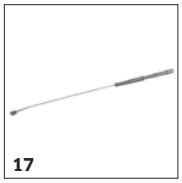
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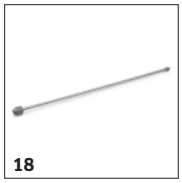
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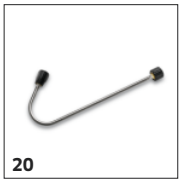
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		Order no.	Description	
SPRAY LANCES				
Rotating spray lances				
Spray lance, 1050 mm, rotatable	15	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	☐
Spray lance, 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.	☐
Spray lance, 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.	☐
Double lance				
Double lance, 960 mm	19	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				
WC and gutter lance	20	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	21	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	22	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	23	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.	☐
Undercarriage spray lance				
Underbody lance	24	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	25	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.	☐
PowerControl spray lance				
PowerControl spray lance 042	26	4.112-046.0	Our PowerControl spray lance with nozzle size 042 makes possible the appropriate cleaning performance for each cleaning task. Infinitely variable and precise pressure adjustment directly within reach.	☐
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster, large, 045	27	4.114-042.0	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.	■
Dirt blaster Vibrasoft, 050	28	4.114-066.0	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.	☐

■ Included in delivery. ☐ Available accessories.

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		Order no.	Description	
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt Blaster, small				
Dirt blaster, small, 045	29	4.114-021.0	Up to 50% higher cleaning and area performance than its predecessor: with the new performance dirt blaster (nozzle size 045), power losses have been minimised and the spray quality maximised.	☐
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 25°				
Power nozzle 25°, 045	30	2.113-022.0	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°, 045	31	2.113-033.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	☐
Power nozzle spray angle 15°				
Power nozzle 15°, 045	32	2.113-046.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	☐
Power nozzle spray angle 40°				
Power Nozzle 40°, 045	33	2.113-053.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	☐
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Advanced 2, 700 l/h – 800 l/h	34	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.	■
Cup foam lance Basic 2, 700 l/h – 800 l/h	35	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.	■
Cup foam lance DUO Advanced 2, 700 l/h – 800 l/h	36	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.	☐
1-litre cleaning agent container for cup foam lance basic	37	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	38	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 Set				
Inno foam kit with detergent injector	39	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	40	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 055 z. Inno/Easy Set 500 – 600 l/h	41	2.111-009.0	Optimal adaptation to different machine outputs for economic use.	☐
Foam nozzle mounting kit				
Foam nozzle kit	42	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 delivery. ☐ Available accessories.

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QUICK CONNECT				
Quick-fitting pipe union coupler trapezo	43	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.	■
Quick-fitting pipe union plug nipple tra	44	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 × 1.5 external thread.	■
ECO!BOOSTER				
eco!Booster TR 045	45	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).	☐
Eco!Booster MAX TR 045	46	2.113-096.0	Maximum efficiency and versatility in professional cleaning. The eco!Booster MAX offers more than double the area performance and ergonomic handling.	☐
DRUM AND TANK CLEANING				
Add-on kit mud sucker	47	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.	☐
OTHER HP ACCESSORIES				
Jet gun	48	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.	☐
SEALS FOR TRAPEZOIDAL THREAD				
Spare part set seals TR	49	2.880-001.0		☐
MULTIPLE-JET NOZZLES				
Triple nozzles				
Triple nozzle, 045	50	4.117-036.0	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.	☐
Angle vario nozzle 0°-90°				
Angled Vario nozzle, 050	51	4.113-007.0	Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.	☐
NOZZLE UNION / SPACER				
Nozzle union				
Nozzle screws	52	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	☐
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 10 m, ID 10, 220 bar, 2 × EASY!Lock	53	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	54	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.	☐
	55	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 6, 300 bar, 2 × EASY!Lock	56	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.	☐

■ Included in delivery. ☐ Available accessories.

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		Order no.	Description	
HIGH-PRESSURE HOSES				
Standard with unions on both sides				
High-pressure hose, 10 m, ID 8, 315 bar, 2 × EASY!Lock	57	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	58	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	59	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	60	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	61	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	62	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	63	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	64	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	65	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.	☐
High-pressure hose, 40 m, ID 12, 210 bar, 2 × EASY!Lock	66	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	67	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 × EASY!Lock / 1 × M22 × 1.5	68	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	69	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	70	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.	☐

☐ Available accessories.

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HIGH-PRESSURE HOSES				
Longlife 400 with unions on both sides				
High-pressure hose Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock	71	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	72	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 sides				
High-pressure hose food grade, 10 m, ID 8, 250 bar, 2 × EASY!Lock	73	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	74	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 industry version with unions on both sides				
High-pressure hose food grade Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock	75	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	76	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.	☐
Classic				
High-pressure hose Classic, 10 m, ID 8, 315 bar × , EASY!Lock	77	4.119-005.0	High pressure hose with convenient EASY!Lock manual fitting from the Classic series by Kärcher. Also suitable for hot water high-pressure cleaners.	☐
Hose TR DN8 31,5MPa 20m with package, 20 m, ID 8, 315 bar × , EASY!Lock	78	4.119-006.0		☐
Hose TR DN8 31,5MPa 30m with package, 30 m, ID 8, 315 bar × , EASY!Lock	79	4.119-007.0		☐
Hose TR DN6 25MPa 10m with package, 10 m, ID 6, 250 bar × , EASY!Lock	80	4.119-012.0		☐
Hose assembly with package TR DN6 25MPa, 15 m, ID 6, 250 bar × , EASY!Lock	81	4.119-016.0		☐
Hose assembly with package TR DN10 25MPa, 20 m, ID 10, 250 bar × , EASY!Lock	82	4.119-019.0		☐
Hose assembly with package TR DN10 25MPa, 40 m, ID 10, 250 bar × , EASY!Lock	83	4.119-020.0		☐
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Hose assembly TR pipe cleaning DN6 14MPa	84	6.110-108.0	10 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	☐

☐ Available accessories.

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PIPE CLEANING				
Pipe cleaning hose, ID 6				
Hose assembly TR pipe cleaning DN6 14MPa	85	6.110-109.0	The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	☐
	86	6.110-110.0	30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	☐
Hose assembly TR pipe cleaning DN6 max.2	87	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, DN 6, 20 m, 220 bar	88	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	89	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).	☐
Hose assembly TR pipe cleaning DN6 14MPa	90	6.110-048.0	10 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	☐
Pipe cleaning hose	91	6.110-049.0	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, DN 6, 30 m	92	6.110-050.0	30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	☐
Pipe cleaning nozzle				
Dirt blaster pipe cleaning D21/040	93	4.765-001.0	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 D30/040	94	4.765-004.0		☐
Pipe cleaning nozzle	95	5.763-015.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	☐
	96	5.763-016.0		☐
	97	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	98	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.	☐

☐ Available accessories.

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		Order no.	Description	
FLOOR AND HARD SURFACE CLEANER				
Hard surface cleaner FR Classic				
FR TR 40 Classic	99	4.119-029.0	The robust classic surface cleaner with 400 mm diameter and nozzle kit supplied (2 × size 020; others can be ordered separately).	☐
FR TR 30 Classic	100	4.119-030.0	Coarse spray agent made from aluminium slag designed for use with Kärcher blasting systems and guns. The single-use mineral spray agent is not water-soluble and has a granulation of 0.25 to 1.4 mm. It boasts an impressive performance when blasting clean aerated and exposed aggregated concrete, Porphyry, granite, steel and clinker. In addition, the material is well suited to removing paint, varnishes and rust and to matting, rough blasting and sand blasting thanks to its edged shape, high level of hardness (6–7 Mohs) and very abrasive effect.	☐
Hard Surface Cleaner FRV 30				
FRV 30	101	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.	☐
Add-on kit rubber lip	102	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	103	4.440-939.0	5m extension hose for FRV 30. Connection sleeve included.	☐
Add-on kit hose attachment	104	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.	☐
Add-on kit dirt trap	105	2.642-532.0	Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	☐
Hard surface cleaner FR 30				
FR 30 Surface Cleaner	106	2.111-011.0	Up to 10 times greater area coverage compared with the conventional high pressure jet.	☐
Hard surface cleaner FR 30 ME				
FR 30 ME surface cleaner	107	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.	☐
Machine-specific nozzle kit for FR				
Nozzle kit for FR, 650 l/h – 850 l/h	108	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, 045	109	2.642-432.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	☐
Hard surface cleaner FRV 30 Me				
FRV 30 Me Surface Cleaner	110	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.	☐
Extension hose FRV 30 Me and FRV 50 Me	111	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	☐
MIXERS AND INJECTORS				
HP detergent injector				
Detergent injector for high and low pressure (without nozzles)	112	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				
HP detergent injector				
Detergent injector for high pressure	113	4.637-033.0	Cleaning agent dosage at high pressure 3 – 5 %	☐
Stainless steel injector kit for HD 6/15C	114	6.645-758.0	Ideal for the HD 6/15 C high-pressure cleaner, the stainless steel injector ensures precise cleaning agent and foam dosage. With suction hose and vacuum filter.	☐
Machine-specific nozzle kit with order no. 3.637-170				
Nozzle insert trapezoidal thread HD-GER.	115	4.769-005.0	For HD 500 – 700 l/h. Consists of nozzle insert + HP power nozzle + union	☐
Nozzle insert with order no. 3.637-001				
Nozzle insert for Order No. 3.637-001, high-pressure for machines up to 1100 l/h.	116	4.769-003.0	Nozzle insert for detergent injector 3.637-001 for high-pressure detergent application. For high-pressure cleaners with a water flow rate up to 1100 l/h.	☐
Low pressure for units rated 1100 l/h or more	117	4.769-006.0	For low pressure with machines above 1.100 l/h	☐
COUPLING PARTS				
Rotary coupling				
Rotary coupling	118	4.111-021.0	Reliably prevents twisting of HP hoses. Connection Easy!Lock. Handle protection	☐
Connector				
Nozzle connector/screw connector	119	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	120	4.111-024.0	Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	☐
Short spray unit	121	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	122	4.111-029.0	Adapter 1 to connect the old hose with the new hose	☐
Adapter 2 M22IG-TR22AG	123	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	124	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	☐
Adapter M22 – Swivel	125	4.111-032.0	Adapter 4 to connect the new gun with the old swivel hose	☐
Adapter 5 TR22IG-M22AG	126	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	☐

☐ Available accessories.

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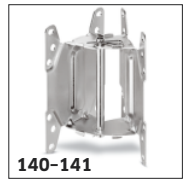
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		Order no.	Description	
COUPLING PARTS				
Adapter EASY!Lock				
Adapter 6 TR22IG-M22AG	127	4.111-034.0	Adapter 6 to connect the new device with the old hose and the old hose with the new gun	☐
Adapter 7 M18IG-TR20AG	128	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	☐
Adapter 8 TR20IG-M18AG	129	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	☐
Coupler -2xTR22 – EASY!Lock	130	4.111-037.0	Adapter 9 to connect the new hose with the new hose	☐
ADAPTER for replacement TR22IG-M22AG Er	131	4.111-046.0	Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	☐
HOSE REELS				
Hose reel add-on kit				
Hose reel attachment kit for HD middle class, 15 m	132	2.110-024.0	Hose reel attachment kit for high-pressure middle class	☐
Automatic, self-winding hose reels				
Automatic plastic hose reel incl. high-pressure hose, 15 m	133	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.	☐
Automatic hose reel, powder-coated steel / plastic, 20 m	134	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	135	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	136	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	137	6.392-105.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.	☐
Automatic hose reel, stainless steel, includes swivel holder, 20 m	138	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	139	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).	☐
Powder-coated swivel holder	140	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.	☐

☐ Available accessories.

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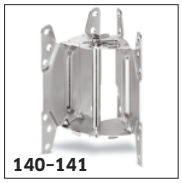
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		Order no.	Description	
HOSE REELS				
Automatic, self-winding hose reels				
Stainless steel swivel holder	141	2.641-867.0	Swivelling wall bracket made of high-grade steel (for 2.641-866). This makes maximum flexibility and convenience possible when working with the HP hose.	☐
FACADE AND SOLAR PANEL CLEANING				
Brushes				
Drive for roller brush 500	142	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	143	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	144	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	145	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	146	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	147	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	148	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	149	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 400 Advanced	150	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				
TL low pressure adapter	151	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	152	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	153	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	154	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.	☐

☐ Available accessories.

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		Order no.	Description	
FACADE AND SOLAR PANEL CLEANING				
Telescopic				
Telescopic lance TL 10 C	155	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	156	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	157	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	158	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	159	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	160	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.	☐
Hoses				
Hose solar	161	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.	☐
	162	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.	☐
	163	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				
Case sheet steel	164	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)	165	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)	166	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 pack for wet blasting attachment				
Nozzle pack TR wet jet set 0045	167	2.112-022.0	Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment performance. Only in combination with wet blasting attachment 4.115-000.0 | 4.115-006.0.	☐
Boron carbide nozzle				
Boron carbide nozzle, for machines as of 1000 l/h	168	6.415-084.0	In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	☐

☐ Available accessories.

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		Order no.	Description	
WATER CONNECTION				
Geka coupling				
With hose nozzle, R 1/2"	169	6.388-461.0	with hose liner	☐
With hose nozzle, R 3/4"	170	6.388-455.0		☐
With hose nozzle, R 1"	171	6.388-465.0	with hose barb	☐
With female thread, R 3/4"	172	6.388-473.0	with female thread	☐
Suction filter				
Water filter	173	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	174	4.730-012.0	Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	☐
Fine-mesh water filter				
Add-on kit water filter universal	175	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.	☐
Fine-mesh water filter, 100 µm, R 3/4"	176	2.637-691.0	Fine-mesh water filter, 100 µm, max. temperature 60°C. Protects the high-pressure cleaner from dirt particles contained in the water. Transparent filter cup. Water flow rate up to 1200 l/h. Connector 3/4".	☐
Fine-mesh water filter with adapter	177	4.730-102.0	Fine-mesh water filter, 125 µm, 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".	☐
WASHING BRUSHES				
Push-on washing brush				
Push-on wash brush, M 18 × 1.5	178	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 < 800 l/h machines, nylon bristles	179	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	180	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).	☐
DRUM AND TANK CLEANING				
Barrel and tank cleaning				
Rotary cleaner head M63E	181	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.	☐

☐ Available accessories.