

HD 8/12-4 MX FOOD

High-pressure cleaner for the food industry: 800 l/h, 120 bar, hose reel with 15 m of hose, integrated pressure control on the trigger gun and a foam lance.



Order no.

1.524-994.0

- Brass cylinder head, pressure cut-off, hose reel
- Servo Control: Variable regulation of pressure and water flow rate directly at the trigger gun.
- High-pressure hose in food-industry quality, grey non-marking wheels

Technical data

EAN code		4066529226976
Number of current phases	Ph	3
Voltage	V	400
Frequency	Hz	50
Flow rate	l/h	800
Inlet temperature	°C	80
Working pressure	bar	120
Max. pressure	bar	180
Connected load	A	16
Power cable	m	5
Nozzle size		055
Water inlet		3/4"
Colour		White
Weight (with accessories)	kg	43.9
Weight incl. packaging	kg	48
Dimensions (L × W × H)	mm	400 × 455 × 966

Scope of supply

Spray gun: EASY!Force
 High-pressure hose length: 15 m
 High-pressure hose type: Food design
 High-pressure hose specification: DN 6, 250 bar
 Stainless steel spray lance: 840 mm
 Power nozzle
 High-pressure hose: 15 m
 Servo Control
 Foam lance

Equipment

Integrated high-pressure hose reel
 Pressure cut-off
 Infinitely variable pressure and water flow regulation



Hygiene requirements

- The built-in hose reel, featuring 15 metres of food-grade high-pressure hose, allows for a wide operating radius.
- Water inlet temperature up to 80°C.



Servo Control

- Pressure and water volume can be adjusted on the Servo Control controller positioned between the lance and trigger gun.
- For gentle cleaning of sensitive surfaces.
- Pressure and water flow can be adjusted at the gun.

High-quality accessories included

- Fatigue-free EASY!Force high-pressure gun.
- 840-mm-long stainless steel lance.
- Pressure and water volume can be adjusted on the Servo Control controller positioned between the lance and trigger gun.

ACCESSORIES FOR HD 8/12-4 MX FOOD

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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.	■
Pistol TR 155°C with package	2	4.119-002.0	Classic spray gun with valve. Also suitable for Kärcher hot water high-pressure cleaners.	□
EASY!Force Food	3	4.118-015.0	Perfect for the food industry: the EASY!Force high-pressure gun with full ceramic valve enables fatigueless working due to virtually zero holding force for the operator.	□
Servo control				
Servo Control, < 750 l/h	4	4.118-007.0	Servo control for water flow and pressure control (< 750 l/h) on trigger gun.	■
Servo Control, 750 l/h – 1100 l/h	5	4.118-008.0	Water quantity and pressure regulated directly from the hand spray gun.	□
Servo Control, food, 750 l/h – 1100 l/h	6	4.118-016.0	Water flow and pressure control on the trigger gun. Food-grade, parts in contact with water are stainless steel.	□
SPRAY LANCES				
Rotating spray lances				
Spray lance, 840 mm, rotatable	7	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 with transport packaging, 840 mm	8	4.119-003.0	Rotating Classic spray lance with handle bowls in a stainless steel design. Also suitable for Kärcher hot water high-pressure cleaners.	□
Spray lance Classic EASY!Lock, 1050 mm	9	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	10	4.119-009.0	Rotating Classic spray lance with handle bowls in a stainless steel design. Also suitable for Kärcher hot water high-pressure cleaners.	□
Jet pipe Classic TR 100mm, 100 mm	11	4.119-013.0		□
Jet pipe Classic TR 200mm, 200 mm	12	4.119-014.0		□
Jet pipe Classic TR 400mm, 400 mm	13	4.119-015.0		□
LED nozzle light	14	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.	□

■ Included in the scope of supply. □ Available accessories.

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		Order no.	Description	
SPRAY LANCES				
Rotating spray lances				
Spray lance, 250 mm, rotatable	15	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	☐
Spray lance, 400 mm, rotatable	16	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	☐
Spray lance, 600 mm, rotatable	17	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, 1050 mm, rotatable	18	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	19	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	20	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	21	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	☐
Double lance				
Double lance, 960 mm	22	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	23	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	24	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	25	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	26	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	27	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	28	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.	☐

☐ Available accessories.

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		Order no.	Description	
KÄRCHER POWER NOZZLE				
Power nozzle spray angle 25°				
Power nozzle , 055	29	2.113-025.0	Flat jet nozzle for large area performance and stubborn dirt.	■
HP nozzle spray angle 0°				
Power nozzle 0°, 055	30	2.113-035.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	□
Power nozzle spray angle 15°				
Power nozzle 15°, 055	31	2.113-047.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	□
Power nozzle spray angle 40°				
Power nozzle 40°, 055	32	2.113-055.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	□
NOZZLE UNION / SPACER				
Nozzle union				
Nozzle screws	33	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	■
HIGH-PRESSURE HOSES				
Food industry version				
High-pressure hose food grade, 15 m, ID 6, 250 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	34	6.110-074.0	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.	■
Food industry version with unions on both sides				
High-pressure hose food grade, 10 m, ID 8, 250 bar, 2 × EASY!Lock	35	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 EASY!Lock hand screw connection at both ends.	□
High-pressure hose food grade, 20 m, ID 8, 250 bar, 2 × EASY!Lock	36	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				
High-pressure hose food grade, 20 m, ID 8, 400 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	37	6.110-075.0		□
Longlife food design with screw connections at both ends				
High-pressure hose food grade Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock	38	6.110-053.0	With blue, non-marking and animal fat-resistant outer covering: High-pressure hose (ID 8), 10 m long, with 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	39	6.110-054.0	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.	□
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Basic 2, 700 l/h – 800 l/h	40	4.112-054.0	Basic 2 cup foam lance for high-pressure cleaners with a flow rate of 700-800 l/h: Reduces cleaning agent consumption by 50% compared to cup foam lances without a dosing facility.	■
Cup foam lance Advanced 2, 700 l/h – 800 l/h	41	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 DUO Advanced 2, 700 l/h – 800 l/h	42	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.	□

■ Included in the scope of supply. □ Available accessories.

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		Order no.	Description	
FOAM SYSTEMS				
Inno Foam Kit				
Inno Foam Set with detergent injector	43	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	44	2.112-010.0	HP foam system for use with. HD/HDS units for cleaning and disinfecting. Foam nozzle for connection to lance and HP chemical injector with precision 0-5% metering valve. The machine specific nozzle kit has to be ordered separately.	☐
Nozzle kits for Inno/Easy Foam Set				
Nozzle kit 090 for Inno / Easy Set 700-1,000 l/h	45	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.	☐
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster Vibrasoft, 050	46	4.114-066.0	Vibrasoft rotary nozzle with rotating pencil jet.	☐
Dirt blaster, large, 050	47	4.114-027.0	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, large, 055/060	48	4.114-036.0		☐
Classic rotary nozzle				
Rotor nozzle TR 060	49	4.119-025.0	The powerful rotating point jet of the Classic rotary nozzle from Kärcher ensures the best possible cleaning results and is suitable for water temperatures of up to 60 °C.	☐
ECO!BOOSTER				
eco!Booster TR 050	50	2.113-088.0	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 050).	☐
Eco!Booster TR 060	51	2.113-090.0	eco!Booster with 50% higher area performance compared to the Kärcher power nozzle; ideal for delicate surfaces. Suitable for cold and hot water high-pressure cleaners with a nozzle size of 060.	☐
Eco!Booster MAX TR 050	52	2.113-097.0	eco!Booster MAX: 100 percent higher area performance compared to the Kärcher standard flat jet nozzle.	☐
Eco!Booster MAX TR 060	53	2.113-098.0		☐
QUICK CONNECT				
Quick coupling	54	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	55	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 × 1.5 external thread.	☐
OTHER HP ACCESSORIES				
Splash guard professional	56	2.111-026.0	Protection for user and surroundings: The Splash Guard protects against spray water and dirt particles.	☐

☐ Available accessories.

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		Order no.	Description	
PLANT INSTALLATION				
Fine-mesh water filter	57	2.209-806.0	Fine-mesh water filter	☐
SEALS FOR TRAPEZOIDAL THREAD				
Gasket set with 9x O-rings for TR thread	58	2.880-001.0		☐
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Hose assembly TR pipe cleaning DN6 14MPa	59	6.110-108.0	10 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	☐
	60	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).	☐
	61	6.110-110.0	30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	☐
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	62	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	63	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	64	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 D21/060	65	4.765-002.0	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.	☐
Pipe cleaning dirt blaster D30/060	66	4.765-005.0		☐
Pipe cleaning nozzle	67	5.763-015.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for cleaning blocked drains and pipes.	☐
	68	5.763-019.0		☐
	69	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	70	6.415-440.0	Rotating pipe cleaning nozzle with internal thread and four rotating jets for cleaning blocked drains and pipes.	☐

☐ Available accessories.

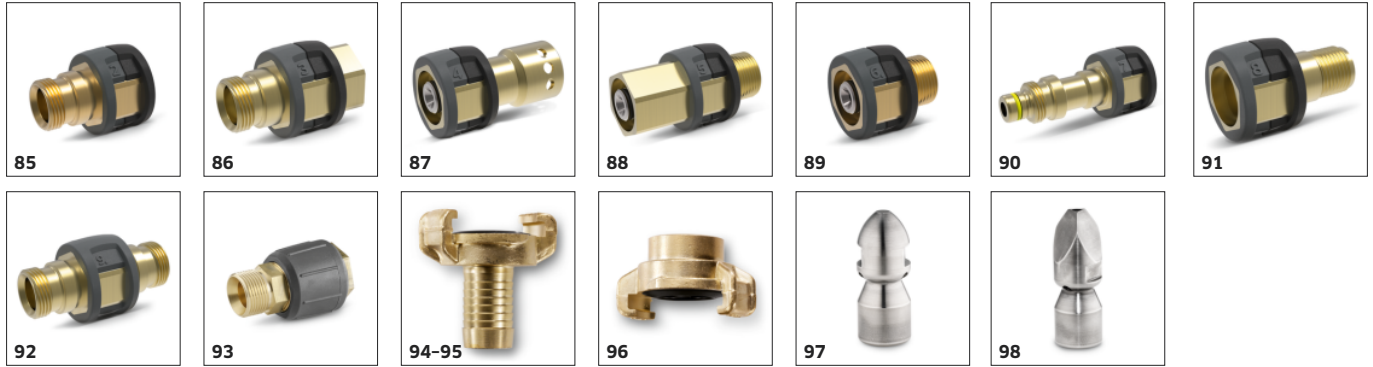
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		Order no.	Description	
FLOOR AND HARD SURFACE CLEANER				
FR Classic surface cleaner				
FR TR 40 Classic	71	4.119-029.0	The classic surface cleaner with 400 mm diameter and nozzle kit supplied (2 × size 020; others can be ordered separately).	☐
FR TR 30 Classic	72	4.119-030.0	The classic surface cleaner with 300 mm diameter and nozzle kit supplied (2 × size 018; others can be ordered separately).	☐
Hard Surface Cleaner FRV 30				
FRV 30 Surface Cleaner	73	2.111-010.0	Integrated automatic suction removes dirty water through the supplied 5 m suction hose, eliminating the need to rinse the surface after cleaning and allowing use in inside and outside areas. Features include non-marking steering rollers and double ceramic bearings. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1000 l/h / 60 °C.	☐
Hard surface cleaner FR 30				
FR 30 Surface Cleaner	74	2.111-011.0	Up to 10 times greater area performance compared with the conventional high-pressure jet. Plastic casing for optimal manoeuvrability, double ceramic bearing for long working times, flexible connection joint for optimal handling and integrated parking position. Machine-specific nozzle kit must be ordered separately. Max. 180 bar / 850 l/h / 60°C.	☐
FR 30 Me surface cleaner				
Hard Surface Cleaner FR 30 Me	75	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	76	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.	☐
FRV 30 Me surface cleaner				
FRV 30 Me Surface Cleaner	77	2.111-012.0	The stainless steel FRV 30 Me Surface Cleaner is designed for hot water cleaning up to 85 °C in inside and outside areas. Integrated automatic suction removes dirty water directly during operation.	☐
Surface Cleaner FR 50 Me				
FRV 50 Me surface cleaner	78	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.	☐
MIXERS AND INJECTORS				
Nozzle insert with order no. 4.637-032.0				
Nozzle insert up to 1,100 l/h – high pressure	79	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	80	4.769-001.0	For low pressure with machines up to 1.100 l/h	☐
COUPLING PARTS				
Rotary coupling				
Rotary coupling	81	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	82	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.	☐
Short spray unit	83	4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	☐
EASY!Lock adapter				
Adapter 1 M22AG-TR22AG	84	4.111-029.0	Adapter 1 to connect the old hose with the new hose	☐

☐ Available accessories.

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		Order no.	Description	
COUPLING PARTS				
EASY!Lock adapter				
Adapter 2 M22IG-TR22AG	85	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	86	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	☐
Adapter 4 TR22IG-D11	87	4.111-032.0	Adapter 4 to connect the new gun with the old swivel hose	☐
Adapter 5 TR22IG-M22AG	88	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	89	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	90	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	☐
Adapter 8 TR20IG-M18AG	91	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	☐
Adapter hose extension 9 TR	92	4.111-037.0	Adapter 9 to connect the new hose with the new hose	☐
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 x 1.8 AG	93	4.111-046.0	Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	☐
WATER CONNECTION				
Geka coupling				
Geka connector with hose barb, R 3/4"	94	6.388-455.0	with hose liner	☐
Geka connector with hose barb, R 1"	95	6.388-465.0	with hose barb	☐
Geka connector with internal thread, R 1"	96	6.388-458.0	with female thread	☐
ULTRA-HIGH-PRESSURE CLEANERS				
Pipe cleaning				
Pipe cleaning nozzle standard 050 50MPa	97	4.765-012.0	Standard pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection. Nozzle configuration: 3x backward.	☐
Pipe cleaning nozzle Four 050 50MPa	98	4.765-016.0	For pipe cleaning hoses with G1/4" threaded connection: Quattro pipe cleaning nozzle. Nozzle configuration: 3x backward and 1x forward.	☐

☐ Available accessories.