IB 15/120

The Ice Blaster IB 15/120 is one of the most powerful dry ice blasting machines on the market. It impresses with its robustness, highly reliable technology and the best results in dry ice cleaning.

Order no.	1.574-104.0

Technical data

EAN code		4039784638228
Connected load	kW	0.6
Compressed air connection		Claw coupling (DIN 3238)
Casing / frame		Stainless steel (1.4301)
Cable length	m	7
Air pressure	bar / MPa	2 – 16 / 0.2 – 1.6
Air quality		Dry & oil-free
Air flow	m^3/min	2 – 12
Sound pressure level	dB(A)	125
Dry ice capacity	kg	40
Dry ice pellets (diameter)	mm	3
Dry ice consumption	kg/h	30 – 120
Number of current phases	Ph	1
Frequency	Hz	50 – 60
Voltage	V	220 – 240
Weight without accessories	kg	91
Weight (with accessories)	kg	101.5
Dimensions (L × W × H)	mm	1000 × 800 × 1300

This machine requires instruction.

Scope of supply

- **Nozzle case with foam insert**
- **Grease for nozzle threads**
- **Flat jet nozzle**
- **Flat jet nozzle insert:** 8 mm
- **Open-end wrench (for changing nozzles):** 2 Piece(s)
- **Round spray nozzle, XL, long**
- **Spray hose with electrical control cable and quick coupling**
- **Jet gun (ergonomic and safe)**

Equipment

- **"Air only" or "Air and ice" switch on the trigger gun**
- **Electronic control unit**
- **Includes ground strap coil**
- **Oil and water separator**

IB 15/120, 1.574-104.0, 2026-10-02

Nozzle case holder

- Blasting spray nozzles and tools are always at hand on the machine.
- The nozzle case is attached to the side of the machine to protect it from dirt.

Outstanding mobility

- Optimum balancing of the device for convenient manoeuvring on uneven terrain.
- Bars at the front and rear of the device make it easy to negotiate stairs.

Automatic residual ice discharge

- The ability to empty the residual ice tank at the touch of a button prevents the device from icing up once work is complete.
- The machine does not freeze.

IB 15/120, 1.574-104.0, 2026-10-02

ACCESSORIES FOR IB 15/120
1.574-104.0

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		Order no.	Description	
SUPER CLASS				
Blast gun and blast hose				
Jet gun, XXL, heavy duty	1	4.775-836.0	Ergonomic and light jet gun with safety machine to prevent unintentional triggering. Switch for selecting “air and dry ice” or only “compressed air”.	■
Spray hose, 3/4"	2	4.013-043.0	8 m spray hose with electric control cable and quick couplings, non-marking outer layer, silicone-free (3/4" diameter). Hoses without additional adaptor can be extended.	■
Jet gun, XXL, Adv	3	4.775-837.0	Ergonomically designed jet gun. The compact design of this gun makes it especially light and handy. Includes a safety function to prevent unintentional triggering. The Advanced jet gun features an integrated remote control. The ice delivery rate and jet pressure can be adjusted directly from the gun. Also includes a switch to choose between "Air only" or "Air and ice".	☐
High-pressure blast nozzles				
Flat jet nozzle, 50 mm	4	4.574-033.0	Flat jet nozzle with optimized nozzle design. Great cleaning result and high erea performance.	■
Flat stream nozzle insert, L	5	4.574-030.0	Nozzle insert to regulate airflow	■
Round spray nozzle, XL, long	6	4.574-049.0	Practical round spray nozzle with innovative nozzle contour for maximum cleaning performance. The optimal solution for stubborn dirt. Air flow rate index: XL.	■
Flat jet nozzle, XXL, 75 mm	7	4.574-054.0	Flat jet nozzle (75 mm jet width) for the Kärcher Ice Blaster. The innovative nozzle shape ensures that dry ice is sprayed evenly through the whole width of the jet.	☐
Flat jet nozzle, XXL, 100 mm	8	4.574-056.0	Ice Blaster flat jet nozzle with 100 mm jet width and new geometry. Ideal for spraying dry ice onto large surfaces. For even spraying through the whole width of the jet.	☐
Flat stream nozzle insert, S	9	4.574-031.0	Nozzle insert to regulate airflow	☐
Flat stream nozzle insert, XXL	10	4.574-032.0		☐
Round spray nozzle, S, long	11	4.574-050.0	Efficient round spray nozzle with innovative nozzle line for outstanding cleaning performance and minimal air consumption. Ideal for stubborn dirt. Air volume index: S.	☐
Round spray nozzle, M, long	12	4.574-048.0	Powerful round spray nozzle with an innovative nozzle contour for maximum cleaning performance and low air consumption. Ideal for stubborn contamination. Air volume index: M	☐
Round spray nozzle, M, short	13	4.574-028.0	Very compact and handy, aggressive round jet nozzle for small areas, low air consumption.	☐
Round spray nozzle, L, long	14	4.574-051.0	High-performance, innovatively shaped round spray nozzle for maximum cleaning power with normal air consumption. Ideal for high levels of dirt. Air volume index: L.	☐

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

ACCESSORIES FOR IB 15/120
1.574-104.0

15

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5, 9–10, 21

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		Order no.	Description	
SUPER CLASS				
High-pressure blast nozzles				
Round spray nozzle, L, short	15	4.574-029.0	Very compact and handy, aggressive round jet nozzle for midsize areas, higher air consumption.	☐
Round spray nozzle, XL, extra long	16	4.574-047.0	45 cm round spray nozzle with innovative nozzle contour for maximum cleaning performance. The optimal solution for extremely stubborn dirt. Air flow rate index: XL.	☐
Nozzle accessories				
Nozzle extension, XXL, 170 mm	17	4.574-027.0	170 mm nozzle extension	☐
Nozzle extension, XXL, 500 mm	18	4.574-060.0	500 mm nozzle extension.	☐
Handle, IB 15/120	19	6.321-206.0	Hand grip that can be used together with nozzle extension	☐
Nozzle light, IB 15/120	20	2.815-010.0	Nozzle lightning to screw onto the blasting gun. To illuminate the working area.	☐
Intermediate piece for angled spray lances	21	4.574-034.0	Necessary to connect all available angled tubes. Can also be used as flat jet nozzle insert (14 mm).	☐
90° angled spray lance, XXL	22	4.574-035.0	90° angled blasting tube that can be used in combination with all available nozzles. Additionally the connector 4.130-425.0 is required.	☐
105° angled spray lance, XXL	23	4.574-036.0	105° angled blasting tube that can be used in combination with all available nozzles. Additionally the connector 4.130-425.0 is required.	☐
DRY ICE CLEANING				
Nozzle accessories				
Open-end wrench (size 27 mm)	24	7.815-009.0	Open-end wrench for mounting nozzles (2 pcs required)	■
Grease for nozzle thread, silicone-free	25	6.288-088.0	The threads of the blasting nozzles must be regularly treated with this silicone-free grease.	■
Scrambler	26	4.574-026.0	The innovative scrambler, patented by Kärcher, is attached between the spray gun and spray nozzle and breaks the 3 mm dry ice pellets into a fine spray of tiny particles. This makes cleaning delicate surfaces possible. The intensity of the scrambler's effect on the pellets can be set to three different levels.	☐
Double scrambler	27	4.574-052.0	Additional scrambler for producing even finer jet particles alongside the normal scrambler attachment. The double scrambler can be attached to the normal scrambler, saving space.	☐
Mounting kits and other accessories				
Foam insert for case IB 15/120	28	5.365-369.0	Empty foam insert for transport case with Order No. 6.421-355.0. The insert is provided with matching cut-outs for diverse dry ice blasting nozzles.	■

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

IB 15/120, 1.574-104.0, 2026-10-02

ACCESSORIES FOR IB 15/120
1.574-104.0

29

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31

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42

		Order no.	Description	
DRY ICE CLEANING				
Mounting kits and other accessories				
Case for nozzles and accessories	29	6.421-355.0	Storage case for spray nozzles can simply be attached to the back of the IB 15/120 with clips. Nozzle case height 120 mm.	■
Wheel, puncture-proof, 305 × 105	30	6.515-002.0	Puncture-proof, fully foamed wheel with metal rim.	☐
Shovel	31	4.321-198.0	Used for filling the machine with dry ice pellets	☐
Protective foil for IB spray hose, 100 m	32	6.667-214.0	100m-role of tube foil. To protect the blasting hose against dirt as well as against damage.	☐
Hose connector protective sleeve	33	4.574-155.0	Hose connector protective sleeve: protects hoses and the working environment during dry ice blasting applications. Prevents scratches and damage and makes handling simpler.	☐
Blasting hose, compressed air hose				
Y adapter, air supply	34	2.641-880.0	Y-adapter for connecting the air hose to two 1/4" quick coupling connections.	☐
Hose trolley	35	4.574-057.0	Hose reel including all adaptors. Handy device assists you in dry ice spraying, and is suitable for 80 m compressed air hoses with a 1" diameter.	☐
Compressed air hose, 1", 5 m	36	6.574-279.0	Lightweight, stable compressed air hose (1", 5 m) for use with the Ice Blaster. Ideal for connecting the hose reel to the compressor.	☐
Compressed air hose, 1", 20 m	37	6.574-280.0	Lightweight, stable compressed air hose (1", 20 m) for use with the Ice Blaster. The hose can be neatly wound back onto the Kärcher hose reel after use.	☐
Compressed air hose, 1", 60 m	38	6.574-281.0	Lightweight, stable compressed air hose (1", 60 m) for use with the Ice Blaster. The hose can be neatly wound back onto the Kärcher hose reel after use.	☐
Protective equipment				
Safety glasses	39	6.321-208.0	Safety goggles.	☐
Protective gloves	40	6.321-210.0	Cold protection glove, size 10 with slip-resistant profile (Category 3 according to EN 511, Level 12X EN 388, Level 2121).	☐
Hearing protection	41	6.321-207.0	Effective hearing protection with an average insulation rating of 35 dB(A) according to SNR (Single Number Rating).	☐
OTHER ACCESSORIES				
Power cable storage compartment	42	5.037-240.0	The power cord is stored on a hook attached to the tubular frame. The practical cord hook is suitable for a pipe diameter of 30 to 32 mm.	☐

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

ACCESSORIES FOR IB 15/120
1.574-104.0

43

		Order no.	Description	
MIDDLE CLASS				
Nozzle accessories				
Nozzle extension, XS, 300 mm	43	4.574-046.0	300 mm nozzle extension	☐

☐ Available accessories.