

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

- Robust and reliable
- Oil and water separator
- For the most intensive jobs

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 | m³/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 |

Equipment

| | | |
|--|-----------------|---|
| Nozzle case with foam insert | | ■ |
| Grease for nozzle threads | | ■ |
| Flat jet nozzle | | ■ |
| Flat jet nozzle insert | mm | 8 |
| Open-end wrench (for changing nozzles) | Piece(s) | 2 |
| Round spray nozzle, XL, long | | ■ |
| Spray hose with electrical control cable and quick coupling | | ■ |
| Jet gun (ergonomic and safe) | | ■ |
| "Air only" or "Air and ice" switch on the trigger gun | | ■ |
| Electronic control unit | | ■ |
| Includes ground strap coil | | ■ |
| Oil and water separator | | ■ |

■ included in the scope of supply.

This machine requires instruction.



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.

ACCESSORIES FOR IB 15/120

1.574-104.0



| | | 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 area 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.

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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. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| Nozzle accessories | | | | |
| Nozzle extension, XXL, 170 mm | 17 | 4.574-027.0 | 170 mm nozzle extension | <input type="checkbox"/> |
| Nozzle extension, XXL, 500 mm | 18 | 4.574-060.0 | 500 mm nozzle extension. | <input type="checkbox"/> |
| Handle, IB 15/120 | 19 | 6.321-206.0 | Hand grip that can be used together with nozzle extension | <input type="checkbox"/> |
| Nozzle light, IB 15/120 | 20 | 2.815-010.0 | Nozzle lightning to screw onto the blasting gun. To illuminate the working area. | <input type="checkbox"/> |
| 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). | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| 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.

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1.574-104.0



| | | 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. | <input checked="" type="checkbox"/> |
| Wheel, puncture-proof, 305 × 105 | 30 | 6.515-002.0 | Puncture-proof, fully foamed wheel with metal rim. | <input type="checkbox"/> |
| Shovel | 31 | 4.321-198.0 | Used for filling the machine with dry ice pellets | <input type="checkbox"/> |
| Protective foil for IB spray hose, 100 m | 32 | 6.667-214.0 | 100m-roll of tube foil. To protect the blasting hose against dirt as well as against damage. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |
| Protective equipment | | | | |
| Safety glasses | 39 | 6.321-208.0 | Safety goggles. | <input type="checkbox"/> |
| 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). | <input type="checkbox"/> |
| 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). | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> |

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

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| | | Order no. | Description | |
|------------------------------|----|-------------|-------------------------|--------------------------|
| MIDDLE CLASS | | | | |
| Nozzle accessories | | | | |
| Nozzle extension, XS, 300 mm | 43 | 4.574-046.0 | 300 mm nozzle extension | <input type="checkbox"/> |

Available accessories.