# IB 7/40 (110V)

Compact ice blaster for safe, mess-free blasting.




| Order no. | 1.574-006.0 |
|---|---|

## Technical data

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|---|---|---|
| **EAN code** | | 4039784294059 |
| **Power rating** | **kW** | 0.6 |
| **Compressed-air connection** | | Claw Coupling (DIN3238) |
| **Housing/Frame** | | Stainless steel (1.4301) |
| **Cable length** | **m** | 7 |
| **Air pressure** | **bar / MPa** | 2 – 10 / 0.2 – 1 |
| **Quality of air** | | Dry & oil-free |
| **Air flow** | **$m^3$/min** | 0.5 – 3.5 |
| **Sound pressure level** | **dB(A)** | 99 |
| **Dry ice capacity** | **kg** | 15 |
| **Dry ice pellets (diameter)** | **mm** | 3 |
| **Dry ice consumption** | **kg/h** | 15 – 50 |
| **Number of current phases** | **Ph** | 1 |
| **Frequency** | **Hz** | 50 – 60 |
| **Voltage** | **V** | 100 |
| **Weight without accessories** | **kg** | 82 |
| **Weight (with accessories)** | **kg** | 82.3 |
| **Dimensions (L × W × H)** | **mm** | 768 × 510 × 1096 |

**This machine requires instruction.**

## Scope of supply

- **Grease for nozzle threads**
- **Flat jet nozzle**
- **Flat wrench (for nozzle change):** 2 Piece(s)
- **Blasting hose with electrical control wire and quick couplers**
- **Blasting gun (ergonomic & save)**
- **Tool bag**

## Equipment

- **Ice quantity adjusted on the jet gun itself**
- **Air pressure set on the jet gun itself**
- **Switch for "air only" or "ice and air"**
- **Electronic control unit**
- **With integrated earth wire rewinder**
- **Oil and water separator**







### Clear display

- Clear indication of adjusted values; easy operation thanks to large buttons and electronic control.



### Automatic residual ice emptying

- Residual ice tank emptying at the push of button prevents the machine from freezing up on completion of work.



### With integrated oil and water separator

- No icing up of the device.

IB 7/40 (110V), 1.574-006.0, 2026-10-30

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| | | Order no. | Description | |
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| **MIDDLE CLASS** | | | | |
| **Blast gun and blast hose** | | | | |
| Blasting hose | 1 | 4.013-042.0 | 5 m spray hose with electric control cable and quick-action couplings, non-marking outer layer, silicone-free (1/2" diameter). | ■ |
| Advanced blasting gun | 2 | 4.775-785.0 | Ergonomic & lightweight blasting gun with safety device against accidental use. Because of its compact design the blasting gun is very lightweight and handy. The advanced blasting gun has an integrated remote control to adjust the blasting pressure and the dry ice output directly on the blasting gun.Furthermore there is a button to choose between "air & ice" or "only air". | ■ |
| Classic blasting gun | 3 | 4.775-794.0 | Ergonomic & lightweight blasting gun with safety device against accidental use. Because of its compact design the blasting gun is very lightweight and handy. | ☐ |
| **Low pressure - blasting nozzles** | | | | |
| Flat jet nozzle, long | 4 | 4.574-038.0 | Highest efficiency and a low noise level are the result of our optimized nozzle design. Great cleaning results and high area performance. | ■ |
| Flat jet nozzle, short | 5 | 4.574-040.0 | Highest efficiency and a low noise level are the result of our optimized nozzle design. Very short nozzle to blast in narrow areas. | ☐ |
| Round jet nozzle, short | 6 | 4.574-039.0 | Optimised nozzle geometry for maximum efficiency and minimum noise. Short, compact nozzle. Especially suited for use in small spaces. | ☐ |
| Round jet nozzle, long | 7 | 4.574-037.0 | Optimised nozzle geometry for maximum efficiency and minimum noise. High pressure for use against stubborn dirt. | ☐ |
| Angled flat jet nozzle, 90° | 8 | 4.574-042.0 | Angled nozzle to direct the jet through 90°. Perfect for cleaning injection moulds. | ☐ |
| Angled round jet nozzle, 90° | 9 | 4.574-041.0 | | ☐ |
| Mini angled nozzle, 60° | 10 | 4.574-044.0 | Mini angled nozzle for use in small spaces. Directs the jet through 60° laterally. Protrudes 57 mm laterally, length: 260 mm. The set consists of four parts: 1 × union nut 1 × extension piece, 100 mm (5.321-971.0) 1 × elbow attachment, 60° (5.321-972.0) 1 × nozzle tip (5.321-977.0) Supports as many extension pieces as needed. The elbow attachment and nozzle piece can be ordered separately. | ☐ |
| Mini angled nozzle, 90° | 11 | 4.574-043.0 | Mini angled nozzle for use in small spaces. Directs the jet through 90° laterally. Protrudes 63 mm laterally, length: 240 mm. The set consists of four parts: 1 × union nut 1 × extension piece, 100 mm (5.321-971.0) 1 × elbow attachment, 90° (5.321-973.0) 1 × nozzle tip (5.321-977.0) Supports as many extension pieces as needed. The elbow attachment and nozzle piece can be ordered separately. | ☐ |
| Cavity nozzle | 12 | 4.574-045.0 | Diameter: 22 mm. Any number of extension pieces can be attached. | ☐ |
| Extension, 100 mm | 13 | 5.321-971.0 | 100 mm Extension for Mini angled nozzles (60°, 90°, 135°) | ☐ |
| Angle, 90° | 14 | 5.321-973.0 | 90° angle for all Mini angled nozzles. | ☐ |

■ Included in delivery. ☐ Available accessories.

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| | | Order no. | Description | |
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| **MIDDLE CLASS** | | | | |
| **Low pressure - blasting nozzles** | | | | |
| Angle, 60° | 15 | 5.321-972.0 | 60° angle for all Mini angled nozzles. | ☐ |
| Replacement nozzle | 16 | 5.321-977.0 | Nozzle piece for all Mini angled nozzles. | ☐ |
| Straight adapter for angled nozzle | 17 | 5.321-992.0 | Can be attached to all miniature angled nozzles. Converts a miniature angled nozzle to a straight nozzle. | ☐ |
| **Nozzle accessories** | | | | |
| Nozzle extension | 18 | 4.574-046.0 | 300 mm nozzle extension | ☐ |
| Handle IB 7/40 | 19 | 4.321-248.0 | Handle to mount on the nozzle extension. For easy two handed working. | ☐ |
| Nozzle lightning for IB 7/40 | 20 | 2.815-011.0 | Illuminator can be screwed onto the jet gun to light up the work area. | ☐ |
| **DRY ICE CLEANING** | | | | |
| **Nozzle accessories** | | | | |
| Open-end wrench | 21 | 7.815-009.0 | Open-end wrench for mounting nozzles (2 pcs required) | ■ |
| Grease for nozzle thread (silicone-free) | 22 | 6.288-088.0 | The threads of the blasting nozzles must be regularly treated with this silicone-free grease. | ■ |
| Scrambler | 23 | 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 | 24 | 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** | | | | |
| Earth wire rewinder | 25 | 2.641-741.0 | Automatic electrostatic discharge wire with approximately 6 m wire and powerful clamp. The earth wire effectively prevents electrostatic charge of the cleaning object during ice blasting and with that sparks between object and nozzle. The earthing of the cleaning object is done over the grounding conductor of the Ice Blaster. | ■ |
| Shovel | 26 | 4.321-198.0 | Used for filling the machine with dry ice pellets | ☐ |
| Protective cover Blasting hose IB Line | 27 | 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. | ☐ |
| Protection foil for IB blasting hoses, 100m | 28 | 6.667-214.0 | 100m-role of tube foil. To protect the blasting hose against dirt as well as against damage. | ☐ |

■ Included in delivery. ☐ Available accessories.

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| | | Order no. | Description | |
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| **DRY ICE CLEANING** | | | | |
| **Blasting hose, compressed air hose** | | | | |
| Hose trolley | 29 | 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 | 30 | 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 | 31 | 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 | 32 | 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. | ☐ |
| Compressed air hose, 10 m | 33 | 6.390-284.0 | Folding compressed air hose with inner diameter 3/4" and 10 m length. | ☐ |
| Compressed air hose, 20 m | 34 | 6.390-285.0 | 20 m long, folding compressed air hose with inner diameter 3/4". | ☐ |
| Y adapter, air supply | 35 | 2.641-880.0 | Y-adapter for connecting the air hose to two 1/4" quick coupling connections. | ☐ |
| **Protective equipment** | | | | |
| Safety glasses | 36 | 6.321-208.0 | Safety goggles. | ☐ |
| Protective gloves | 37 | 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 | 38 | 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 | 39 | 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. | ☐ |
| **SUPER CLASS** | | | | |
| **Nozzle accessories** | | | | |
| Extension complete | 40 | 4.574-027.0 | 170 mm nozzle extension | ☐ |
| Extension IB 15/120 | 41 | 4.574-060.0 | 500 mm nozzle extension. | ☐ |

☐ Available accessories.