

IB 7/40 (110V)

Compact ice blaster for safe, mess-free blasting.



Order no. 1.574-006.0

- Operation by the trigger gun
- Oil and water separator
- For in-house compressed air networks

Technical data

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	m³/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

Equipment

Grease for nozzle threads		■
Flat jet nozzle		■
Flat wrench (for nozzle change)	Piece(s)	2
Blasting hose with electrical control wire and quick couplers		■
Blasting gun (ergonomic & save)		■
Dry Ice output is adjustable directly on the blasting gun		■
Air Pressure is adjustable directly on the blasting gun		■
Switch for "air only" or "ice and air"		■
Electronic control		■
With integrated earth wire rewriter		■
Oil and water separator		■
Tool bag		■

■ Included in delivery.

Users must receive training on this device.



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.

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		Order no.	Description	
MIDDLE CLASS				
Blast gun and blast hose				
Blasting hose	1	4.013-042.0	5 m long blasting hose with electrical control wire and quick coupler, non marking casing, silicone free (inside-diameter: 1/2 inch)	■
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		□
Round jet nozzle, long	7	4.574-037.0	Highest efficiency and a low noise level are the result of our optimized nozzle design. Very aggressive for stubborn contaminations.	□
Angled flat jet nozzle, 90°	8	4.574-042.0	Angled nozzle redirect the jet. Ideal to clean 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 narrow areas. Redirect the blasting jet 60°. Overhanging: 57 mm, Length: 260 mm. The set consist of 4 parts: 1 × Cap nut 1 × Extension, 100 mm (5.321-971.0) 1 × Angle, 60° (5.321-972.0) 1 × Nozzle (5.321-977.0) There can be mounted as many extensions as needed. The angle and the nozzle can be ordered separately.	□
Mini angled nozzle, 90°	11	4.574-043.0	Mini angled nozzle for narrow areas. Redirect the blasting jet 90°. Overhanging: 63 mm, Length: 240 mm. The set consist of 4 parts: 1 × Cap nut 1 × Extension, 100 mm (5.321-971.0) 1 × Angle, 90° (5.321-973.0) 1 × Nozzle (5.321-977.0) There can be mounted as many extensions as needed. The angle and the nozzle 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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MIDDLE CLASS				
Low pressure - blasting nozzles				
Angle, 60°	15	5.321-972.0	60° angle for all Mini angled nozzles.	<input type="checkbox"/>
Replacement nozzle	16	5.321-977.0	Nozzle piece for all Mini angled nozzles.	<input type="checkbox"/>
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.	<input type="checkbox"/>
Nozzle accessories				
Nozzle extension	18	4.574-046.0	300 mm nozzle extension	<input type="checkbox"/>
Handle IB 7/40	19	4.321-248.0	Handle to mount on the nozzle extension. For easy two handed working.	<input type="checkbox"/>
Nozzle lightning for IB 7/40	20	2.815-011.0	Nozzle lightning to screw onto the blasting gun. To illuminate the working area.	<input type="checkbox"/>
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 mounted between the trigger gun and blasting nozzle, and it breaks up the 3 mm dry ice pellets into fine particles. This makes it possible to clean very sensitive surfaces. The strength of the breaking up of the pellets can be set to any one of three different levels.	<input type="checkbox"/>
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.	<input type="checkbox"/>
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	<input type="checkbox"/>
Protection foil for IB blasting hoses, 100m	27	6.667-214.0	100m-roll of tube foil. To protect the blasting hose against dirt as well as against damage.	<input type="checkbox"/>
Blasting hose, compressed air hose				
Hose trolley	28	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"/>

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DRY ICE CLEANING				
Blasting hose, compressed air hose				
Compressed air hose, 1", 5 m	29	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	30	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	31	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"/>
Compressed air hose, 10 m	32	6.390-284.0	Folding compressed air hose with inner diameter 3/4" and 10 m length.	<input type="checkbox"/>
Compressed air hose, 20 m	33	6.390-285.0	20 m long, folding compressed air hose with inner diameter 3/4".	<input type="checkbox"/>
Y adapter, air supply	34	2.641-880.0	Y-adaptor for connecting the air hose to two 1/4" quick coupling connections.	<input type="checkbox"/>
Protective equipment				
Safety glasses	35	6.321-208.0	Safety goggles.	<input type="checkbox"/>
Protective gloves	36	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	37	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"/>
SUPER CLASS				
Nozzle accessories				
Extension complete	38	4.574-027.0	170 mm nozzle extension	<input type="checkbox"/>
Extension IB 15/120	39	4.574-060.0		<input type="checkbox"/>

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