IB 7/40 ADV

The Ice Blaster IB 7/40 Advanced has a jet gun with integrated remote control and also guarantees the best results with dry ice cleaning at low air pressures.

Order no.	1.574-002.0

Technical data		
EAN code		4039784294035
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 – 10 / 0.2 – 1
Air quality		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	220 – 240
Weight without accessories	kg	78
Weight (with accessories)	kg	81.6
Dimensions (L × W × H)	mm	768 × 510 × 1096

This machine requires instruction.

Scope of supply
Grease for nozzle threads
Flat jet nozzle
Open-end wrench (for changing nozzles): 2 Piece(s)
Spray hose with electrical control cable and quick coupling
Jet gun (ergonomic and safe)
Tool bag

Equipment
Ice quantity adjusted on the jet gun itself
Air pressure set on the jet gun itself
"Air only" or "Air and ice" switch on the trigger gun
Electronic control unit
Includes ground strap coil
Oil and water separator

IB 7/40 Adv, 1.574-002.0, 2026-10-02

Clear display

- Easy to read off the values set; ease of operation thanks to large buttons and electronic control system.

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.

Integrated oil and water separator

- No icing up of the device.

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ACCESSORIES FOR IB 7/40 ADV
1.574-002.0

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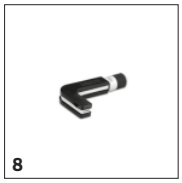
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		Order no.	Description	
MIDDLE CLASS				
Blast gun and blast hose				
Spray hose, 1/2"	1	4.013-042.0	5 m spray hose with electric control cable and quick-action couplings, non-marking outer layer, silicone-free (1/2" diameter).	■
Jet gun, XS, Adv	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".	■
Jet gun, XS, classic	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, XS, 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, XS, 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 spray nozzle, XS, 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 spray nozzle, XS, long	7	4.574-037.0	Optimised nozzle geometry for maximum efficiency and minimum noise. High pressure for use against stubborn dirt.	☐
Angled nozzle, XS, flat	8	4.574-042.0	Angled nozzle to direct the jet through 90°. Perfect for cleaning injection moulds.	☐
Angled nozzle, XS, round	9	4.574-041.0		☐
Mini angled nozzle, 60°, XS	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°, XS	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, XS	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 the scope of supply. ☐ Available accessories.

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		Order no.	Description	
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, XS, 300 mm	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 light, 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 (size 27 mm)	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	☐
Hose connector protective sleeve	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.	☐
Protective foil for IB spray hose, 100 m	28	6.667-214.0	100m-role of tube foil. To protect the blasting hose against dirt as well as against damage.	☐

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

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		Order no.	Description	
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				
Nozzle extension, XXL, 170 mm	40	4.574-027.0	170 mm nozzle extension	☐
Nozzle extension, XXL, 500 mm	41	4.574-060.0	500 mm nozzle extension.	☐

☐ Available accessories.