

IceBlast

KG30 Supreme 3/4"



ICE TECH

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The IceBlast dry ice blasting machines and their accessories have been developed with the purpose of manufacturing cleaning equipment that meets or exceeds the needs of especially industrial companies to minimize consequential costs of industrial cleaning and maintenance.

When using IceTech Dry Ice Blasting it is often possible to clean a plant or a machine while it is online, without any disassembling and subsequent assembling. Since production downtimes can thus be avoided or reduced drastically, this is a significant economic factor.

Beyond the grease or other surface deposits removed, no cleaning agents or chemicals are left in chains, mechanical parts, etc. There are no incurred costs in connection with the disposal of blasting media and solvents; only the substance removed will need to be disposed of. Labor costs for cleaning and maintenance will often be reduced to a fraction of the present level if dry ice blasting is applied instead of traditional methods of industrial cleaning and surface treatment.

IceTech products are:

- High-quality
- Reliable
- Ergonomic
- Easy to operate
- Multifunctional
- Cost and time saving

Complete Item nos.

EU: Item no. KG30 SUP 3/4"	
90959S	230 V, 3/4", compl. EU

UK: Item no. KG30 SUP 3/4"	
90968S	110 V, 3/4", compl. UK

JP: Item no. KG30 SUP 3/4"	
90977S	100 V, 3/4", compl. JP



Contact IceTech to obtain expert advice on the right Dry Ice Blasting solution for you.

Head office Europe: +45 7656 1500 • Head office United States: +1 513-942-4144 • IceTech Germany: 08004 238 324

IceTech Asia: +65 9635 3527 • Or visit IceTech online at www.icetechworld.com to learn more.

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Technical data

Dimensions mm/inch: **Length:** 580 / 22.8 **Width:** 550 / 21.6 **Height incl. handle:** 960 / 37.7

Weight: **kg:** 85 / **lbs:** 187

Dry Ice Capacity: **kg:** 30 / **lbs:** 66

Dry Ice Consumption: **kg/hr:** 0-100 **lbs/hr:** 0-220 *-infinitely adjustable*

Supply Pressure: **bar:** min. 5 - max. 16 **psi:** min. 72 - max. 232

Blasting Pressure: **bar:** min. 2 - max. 16 **psi:** min. 29 - max. 232

Air Consumption: **Nm3/min:** 0.7 - 11 **cfm:** 25 - 388 *-depending on nozzle combination*

Compressed Air Connection: 1" claw coupling
Air quality: According to ISO 8573-1 Class 3 for environment temperature below + 5°C.

Power Consumption: 230 V - 110 V - 100 V - AC 50-60 Hz - 800 W

Hose: Blasting Hose, 3/4" Single Hose System

Noise: Noise level 60-120 dB(A) depending on blasting pressure,
nozzle combination and material surface

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● Included

Blasting Hose

Length: 10 m / 32 ft

Item no: 502703

The blasting hose is made of a flexible fibre reinforced silicone tube with a protective sleeve. Safety couplings allow swift and safe connection to the machine and the blasting gun.



Air Supply Hose 1"

Length: 10 m / 32 ft

Item no: 90200

US Item no: 90193



Blasting Gun HD Supreme

Item no: 90490S

The blasting guns are modularly designed and can be combined with a broad range of nozzles and accessories. This makes them adaptable to suit each individual blasting application, thus it is always possible to obtain maximum cleaning efficiency.

- :: Safety switch
- :: Two-step trigger
- Blasting with dry ice AND air - Blasting with AIR ONLY



● IceBlast KG30 Supreme 3/4"

● Technical Data

● Included

● Appropriate Accessories

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Appropriate Accessories

IT3 Box of Nozzles

Air Consumption Table/Splitter grid

Blasting Hose

Length: 1.5 m / 4.9 ft

Item no: 502700

Length: 5 m / 16 ft

Item no: 502701

Length: 7.5 m / 24 ft

Item no: 502702

Length: 10 m / 32 ft

Item no: 502703

Length: 15 m / 49 ft

Item no: 502704

max. length in one piece


Air Supply Hose 1"

Length: 10 m / 32 ft

Item no: 90200

Length: 10 m / 32 ft

US Item no: 90193

Length: 20 m / 65 ft

Item no: 90198

Length: 20 m / 65 ft

US Item no: 90228


IT3 Box of Nozzles

Item no: 90399

Includes the most commonly used types of nozzles, delivered in a flight case.

Length: 550 / 21.6

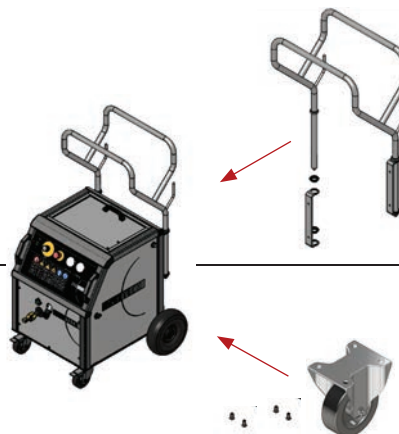
Width: 350 / 13.8

Weight: g:3500 / lbs: 7.7


Hose Retainer:

Item no: 500010

For storing of Blasting Gun and coiled Blasting hose after use. Capacity: Up to 30 m blasting hose. Supplied complete with fittings. Made from stainless steel.



Small wheel package. KG30/50:

Item no: 502521

Hard wheels fixed -rear.

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IT-3 Box of Nozzles

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The IT-3 Box includes the most commonly used types of nozzles.



Appropriate Accessories



IT3 Box of Nozzles



Air Consumption Table/Splitter grid

Flat nozzle, 50 mm, complete
Item no: 502666



High-flow IceSplitter w/grid, 1.5 mm
Item no: 91402



long-life grid f/IceSplitter, 2 mm
Item no: 91444



long-life grid f/IceSplitter, 2,5 mm
Item no: 91447



Extension bend, 90° x 210 mm, complete
Item no: 91201S



Extension bend, 45° x 210 mm, complete
Item no: 91202S



Combo nozzle, complete
Item no: 91319



Nozzle insert, Ø 5-16
Item no: 91305



Nozzle insert, Ø 6-16
Item no: 91306



Nozzle insert, Ø 7-16
Item no: 91307



Nozzle insert, Ø 9-16
Item no: 91309



Nozzle insert, Ø 10-16
Item no: 91310



Nozzle holder
(Not to be fitted directly on IceGun)
Item no: 91007



Key for flat nozzle, 2.5 mm
Item no: 98008



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Technical Data

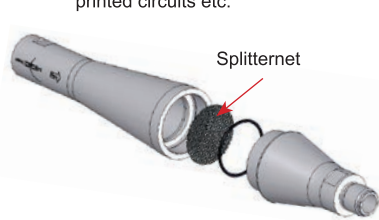
Included

Appropriate Accessories

Air Consumption Table

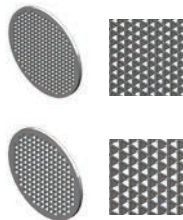
High and Low Flow IceSplitters

- Pulverises dry ice pellets
- To be used when very low abrasion is required, cleaning sensitive objects like electric switchboards, printed circuits etc.

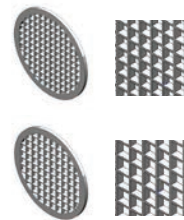


IceSplitter can be adapted between blasting hoses

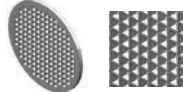
- 91410-V2 (KG12+KG30+KG50)
200202 (KG6+KG20)
IceSplitter adapter



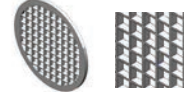
1.5 mm grid.
Item no.: 91443



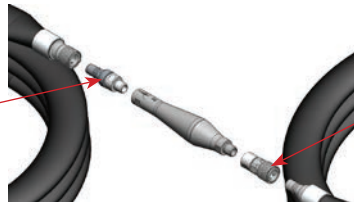
2.5 mm grid.
Item no.: 91447



2 mm grid.
Item no.: 91444



3 mm grid.
Item no.: 91448



- 91411-V2 /
200203 (KG6+KG20)
IceSplitter adapter

Appropriate Accessories

IT3 Box of Nozzles

Air Consumption Table/Splitter grid

Air Consumption Table - Bar

Bar >>	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ø5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.3	2.6	2.8	3.0	3.3	3.5	3.7	4.0
Ø6	1.0	1.3	1.7	2.0	2.4	2.7	3.0	3.4	3.7	4.0	4.4	4.7	5.1	5.4	5.7
Ø7	1.4	1.8	2.3	2.7	3.2	3.7	4.1	4.7	5.1	5.7	6.2	6.6	7.1	7.4	7.7
Ø8	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.1	6.7	7.3	7.9	8.4	9.1	9.7	10
Ø9	2.3	3.0	3.8	4.6	5.3	6.1	6.9	7.7	8.4	9.4	10.1	10.8	11.7	12.1	13
Ø10	2.8	3.7	4.7	5.7	6.6	7.6	8.5	9.6	10.4	11.3	12.4	13.4	14.3	15.3	16



Nozzle Insert, Ø 5
Item no.: 91305

Nozzle Insert, Ø 6
Item no.: 91306



Nozzle Insert, Ø 7
Item no.: 91307

Nozzle Insert, Ø 8
Item no.: 91308

Nozzle Insert, Ø 9
Item no.: 91309

Nozzle Insert, Ø 10
Item no.: 91310

Air consumption in Nm³/min - ft³/min at the pressures indicated bar - Ø = nozzle diameter

Correct use of the 4 types of long-life splitternets

In the table, recommended settings of max. dry ice consumption and min. supply pressure are indicated.

Splitternet mm	1.5		2		2.5		3	
	Max Ice kg/h ✱	Min. Air ✎	Max Ice kg/h ✱	Min. Air ✎	Max Ice kg/h ✱	Min. Air ✎	Max Ice kg/h ✱	Min. Air ✎
Ø5	20	4	25	4	30	4	35	4
Ø6	25	4	30	4	35	3.5	40	3.5
Ø7	30	3	35	3	40	3	45	3
Ø8	35	3	40	3	45	3	50	3
Ø9	50	3	70	3	100	2	120	2
Ø10	60	2	80	2	120	2	150	2

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