

**ICETECH**

IceBlast KG50



IceBlast KG30



IceBlast KG12



**ICETECH**  
DRY ICE BLAST EQUIPMENT

**ICEBLAST KG50 • KG30 • KG12**

Dry Ice Blasting



01 : 02 : 03 : 04 : 05 : 07 : 08

The IceBlast dry ice blasting machine and its accessories have been developed with the intention of manufacturing cleaning equipment that meets the wishes of especially industrial companies to minimize consequential costs of machine and plant cleaning and maintenance. When using dry ice blasting it is often possible to clean a plant or a machine while it is online, without any demounting and subsequent mounting. Since production stop-downs can thus be avoided or reduced drastically, this is a significant economic factor.

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

IceBlast KG12 – KG30 – KG50 are especially suitable for the professional user with frequent, complex and quite varying cleaning requirements.

As a turnkey supplier IceTech also develops and manufactures turnkey systems which among other things include robot technology and various automation solutions – specially adapted to meet customer requirements.



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CE The electrical components are listed in the UL certification system.

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# ICEBLAST

KG50 • KG30 • KG12  
For Dry Ice Blasting

Dry ice blasting is a revolutionary blasting method that uses dry ice pellets with a diameter of 3 mm (rice-sized) as the blasting media. The pellets consist of solid CO<sub>2</sub> at a temperature of -79°C/-110°F. The process is very environmentally-friendly and provides a fast and effective alternative to traditional methods of cleaning industrial production equipment.

**01: User-Friendly Control Display**  
The control panel includes adjustment, and display of the dry ice consumption as well as of the blasting pressure.

**02: On / Off Switch**

**03: Digital display showing the actual consumption of dry ice pellets.**

**04: Pellet Consumption**  
Adjustable pellet consumption to optimize efficiency and economy.

**05: Emergency Stop**  
Cuts the power supply and all machine operations.

**06: Display showing actual blasting pressure**

**07: Adjustment of Blasting Pressure**

**08: Safety Instructions**  
Safety instructions with symbolic and textual explanations give the operator an instant and comprehensive overview of the safety precautions.

**09: Self-Adjusting Dispensing System**  
One of the reasons for the very high efficiency of the machine is the patented self-adjusting dispensing system that requires a minimum of maintenance.

**10: Blasting Hose**  
The blasting hose is made of a supple fibre-reinforced silicone tube with a protective sleeve. Quick couplings allow swift connection to the machine.

**11: Blasting Gun**  
The blasting guns are built up of moduls and can be adapted to suit any task. Standard IceGun: 900 g / 1.322 lbs  
Blasting Light Gun: 1100 g / 2.425 lbs

**12: Pellet Tank**  
The pellet tank made of acid-resistant stain-less steel and fully insulated with closed-cell polyethylene foam is suspended in rubber fittings allowing it to vibrate freely.

**13: Special Nozzles and Handles**  
A broad range of accessories can be supplied for the blasting gun, ensuring maximum efficiency. Easy to operate even with gloved hand.

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## TECHNICAL DATA

### KG50

**Dim. mm/inch**  
 Length: 700 / 27.5  
 Width: 550 / 21.6  
 Height: 900 / 35.4

### Weight

kg: 90  
 lbs: 198

### Dry Ice Capacity

kg: 50  
 lbs: 110

### Dry Ice Consumption

kg/h: 0-100  
 lbs/h: 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

m<sup>3</sup>: 3-11  
 cfm: 106 - 388  
 depending on nozzle  
 combination

### Compressed

#### Air Connection

1" claw coupling  
 The compressed air must be kept clean and free of oil, foreign bodies and water

### Power Consumption

110/230 V  
 AC 50-60 Hz  
 900 W  
 CEE 17 earthed

### Single Hose System

### Noise

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

### User-Friendly Control Display

### KG30

**Dim. mm/inch**  
 Length: 580 / 22.8  
 Width: 550 / 21.6  
 Height: 800 / 31.4

### Weight

kg: 85  
 lbs: 187

### Dry Ice Capacity

kg: 30  
 lbs: 66

### Dry Ice Consumption

kg/h: 0-100  
 lbs/h: 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

m<sup>3</sup>: 3-11  
 cfm: 106 - 388  
 depending on nozzle  
 combination

### Compressed

#### Air Connection

1" claw coupling  
 The compressed air must be kept clean and free of oil, foreign bodies and water

### Power Consumption

110/230 V  
 AC 50-60 Hz  
 900 W  
 CEE 17 earthed

### Single Hose System

### Noise

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

### User-Friendly Control Display

### KG12

**Dim. mm/inch**  
 Length: 530 / 20.8  
 Width: 550 / 21.6  
 Height: 700 / 27.5

### Weight

kg: 75  
 lbs: 165

### Dry Ice Capacity

kg: 12  
 lbs: 26

### Dry Ice Consumption

kg/h: 0-100  
 lbs/h: 0-220  
 infinitely adjustable

### Supply Pressure

bar: min. 5 - max. 10  
 psi: min. 72 - max. 145

### Blasting Pressure

bar: min. 2 - max. 10  
 psi: min. 29 - max. 145

### Air Consumption

m<sup>3</sup>: 3-11  
 cfm: 106 - 388  
 depending on nozzle  
 combination

### Compressed

#### Air Connection

3/4" claw coupling  
 The compressed air must be kept clean and free of oil, foreign bodies and water

### Power Consumption

110/230 V  
 AC 50-60 Hz  
 900 W  
 CEE 17 earthed

### Single Hose System

### Noise

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

### User-Friendly Control Display

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