ICEBLAST KG50 • KG30 • KG12

Dry Ice Blasting
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.

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 CO₂ 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.

**ICEBLAST**

**KG50 • KG30 • KG12**

For Dry Ice Blasting

**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 modules 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 stainless 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.

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

For more information www.icetech.dk | www.icetech-usa.com
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
m³: 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
m³: 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
m³: 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

TECHNICAL DATA