ICE TECH

IceBlast KG50

IceBlast KG30

IceBlast KG12

ICEBLAST KG50 · KG30 · KG12

Dry Ice Blasting

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

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

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

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_2 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 comsumption 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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Distributor

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^3: 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^3: 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^3: 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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