

# ICE TECH

## *Evolution Line*

*Elite 20*



*Xtreme 40*



Dry Ice Technology

IceTech dry ice blasting machines and accessories are designed to minimize the costs of equipment and plant maintenance. When using dry ice blasting it is possible to clean devices online, without any dismantling and subsequent reassembly. Production downtime can be avoided or reduced drastically, supporting an economical approach to facility maintenance.

IceTech dry ice blasting machines improve the cleaning process by eliminating the need for cleaning agents or chemicals. Because of this, no costs will be incurred for the disposal of blasting media and solvents; only the substance removed will have to be disposed of. Payroll expenditure for cleaning and maintenance are often reduced to a fraction of the present level when dry ice blasting is applied.

## What makes the Evolution Line different?

IceTech introduces the world's first multi-power, versatile dry ice blasting machine. The Evolution Line provides the perfect universal dry ice blasting experience. Its operational versatility makes it suitable both for lighter applications, like those found in the food and pharmaceutical industries and for extremely heavy duty cleaning. The stainless steel frame provides a high-strength, scratch-resistant machine designed to keep up with the toughest conditions. The new, quick change dosing disc allows for a faster replacement, which leads to shorter downtime and lower maintenance costs. The insulated, lid and hopper helps eliminate the clumping of the dry ice, and provides trouble-free blasting time. The two-step trigger gun gives the option to blasting with dry ice and air, or air only.

## Unbeatable Options

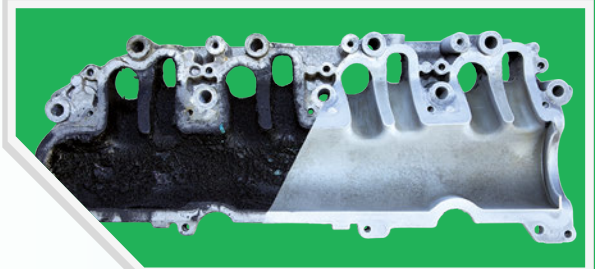
For a variety of cleaning options IceTech recommends our comprehensive line of nozzles (round, flat or combo) and different extensions. IceTech nozzles and extensions provide a higher cleaning flexibility and guarantee an exceptional blasting experience. Our flexible IceTech blasting hoses come in 5 different configurations, and offer resilience while providing the perfect application fit. Teflon hoses are also available on request.

## IceTech Dry Ice Blasting Benefits:

- Multifunctional
- Environmentally-friendly
- Non-abrasive
- Non-toxic
- Non-electrical conductive
- Completely dry
- Void of secondary waste
- Cleans equipment online
- Cleans equipment at operating temperature
- Offer low pressure and high pressure blasting capabilities
- Less power consumption
- Lowest cost of ownership on the market

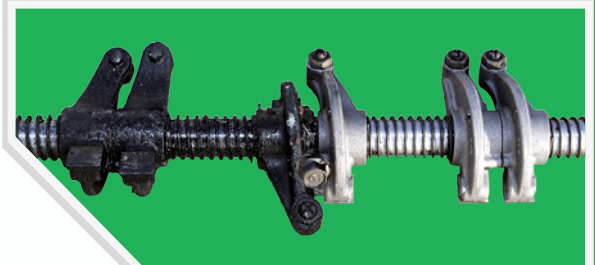
Before

After



Before

After



Elite 20  
Xtreme 40

Evolution  
Line



## Wheels

enhanced transportability  
'Terrain' style wheels suitable  
for any environment  
(Extreme 40 only)  
'Slick' full rubber wheels for  
level production floors  
(Elite 20 only)

10

## Extra grounding cable

prevents static build up

11

## Military-Style Connectors

strong and reliable

12

## Control panel

user-friendly panel with  
tamper-proof switches

01

## Hopper lid

opens from the side;  
giving easy access to the  
hopper for filling with  
dry ice

04

## Equipped with pressure release valve

easy and safe purging  
of air after blasting  
(situated on the backside  
of the machine)

07

## Front bumper

protects the front face  
of the machine

13

## LED Notification

reliable monitoring on  
front for air and dry ice  
flow

02

## Ergonomic handles

for easy transportation  
and hose storage

05

## New, quick change dosing disc

easier access and faster  
replacement, provides  
low maintenance costs  
and reduces downtime

08

## Stainless steel body

high-strength, scratch-re-  
sistant machine designed to  
keep up with the toughest  
conditions

14

## Empty hopper function

easily empties out  
the remaining dry ice  
from the hopper  
(only in Xtreme 40)

03

## Insulated dry ice hopper

helps eliminate clumping  
of the dry ice

06

## New 24 V, strong DC motor

powerful motor to obtain  
better efficiency,  
independent on the  
power source

09

## Pneumatic vibrator

ensures continuous  
pellet flow

15

<i>Elite 20 ½"</i>	<i>Elite 20 ¾"</i>	TECHNICAL DATA:	<i>Xtreme 40 ¾"</i>	<i>Xtreme 40 1"</i>
739.7 / 29 450 / 17.7 917.7 / 36		Dimensions mm/inch: Length: Width: Height incl. handle:	795 / 31.3 534 / 21 948.3 / 37.3	
99 / 218		Weight: kg: / lbs:	104 / 229	
20 / 44.1		Dry Ice Capacity: kg: / lbs:	40 / 88.2	
15 – 60 0.5 – 2.2	30 – 100 1.1 – 3.7	Dry Ice Consumption: kg/hr: lbs/min:	30 – 100 1.1 – 3.7	45–150 (65–220 opt.) 1.7–5.5 (2.4–8.1 opt.)
min 5 - max 16 min 72 - max 232		Supply Pressure: bar: psi:	min 5 - max 16 min 72 - max 232	
min 2 - max 10 min 29 - max 145	min 2 - max 16 min 29 - max 232	Blasting Pressure: bar: psi:	min 2 - max 16 min 29 - max 232	
0.7 – 3.7 25 - 130	0.7 – 10 25 - 353	Air Consumption: Nm <sup>3</sup> /min: cfm: (depending on nozzle combination)	0.7 – 10 25 - 353	1.4 – 16 25 - 565
¾" claw coupling	1" claw coupling	Compressed Air Connection:	1" claw coupling (optional 1.5" claw coupling)	
According to ISO 8573-1 Class 3 for environment temperature below + 5°C.		Air Quality:	According to ISO 8573-1 Class 3 for environment temperature below + 5°C.	
500 W, 90V – 230V AC 50/60 Hz + PE (GND)		Power Consumption:	500 W, 90V – 230V AC 50/60 Hz + PE (GND)	
½" Single Hose System	¾" Single Hose System	Blasting Hose:	¾" Single Hose System	1" Single Hose System
Noise level up to 120 dB(A). Depending on blasting pressure, nozzle combination and material surface		Noise:	Noise level up to 120 dB(A). Depending on blasting pressure, nozzle combination and material surface	
		Features:	Empty out hopper function	

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