

Dry Ice Blasting



Dry Ice Blasting from Kodiac Dry Iceblasting Inc.



Dry Ice Blasting is a process where rice-sized dry ice (solid CO₂) pellets are accelerated through a pressurized air stream to effectively clean, strip, or prepare nearly any surface. Dry ice pellets are kept at -109 degrees Fahrenheit and when blasted against material to be removed such as dirt, grease, oil, food, ink, glue, weld spatter, production residue, and other contaminants, the cold temperature of the dry ice causes the contaminants to shrink and loosen from the surface. Once the pellets contact the underlying surface, sublimation takes place where CO₂ instantly changes from a solid to a gas; this creates mini explosions which causes the contaminants to release from the surface.

Dry Ice Blasting is a nonabrasive, nonflammable, nonconductive process which leaves behind no secondary waste, (CO₂ evaporates) only the removed material needs to be disposed of. Dry Ice Blasting meets EPA, FDA, and USDA guidelines and is truly a green way to clean.



Dry Ice Blasting Applications

- Welding equipment
- Production equipment
- Robotic equipment
- Foundries, Core boxes, aluminum molds
- Baking and food processing equipment
- Commercial printing presses
- Rubber & plastic molding machines
- Fire restoration
- Mold remediation
- Graffiti removal
- Electrical equipment
- Marina boat cleaning
- Asphalt equipment cleaning
- Cemetery grave stone cleaning

Dry Ice Blasting Benefits

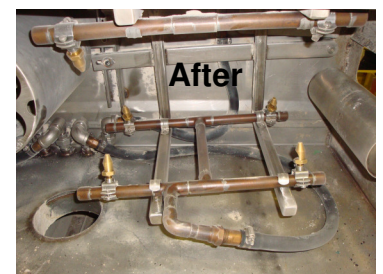
- Environmentally friendly – no toxic chemicals are used
- Does not generate any secondary waste to dispose of
- Nonabrasive, nonconductive, and nonflammable
- Removes dirt, grease, oil, food, ink, glue, weld spatter, production residue, and more...
- Most equipment can be cleaned in place without any disassembly
- No cool down required
- Kills bacteria, mold, mildew, and fungi
- Provides a more efficient and superior clean
- Meets EPA, FDA, and USDA guidelines

Go Green with a Kodiac Clean!



Before

Spray
Nozzles In
A Rubber
Curing
Plant



After

MammothBlast Dry Ice Blaster



A Versatile Dry Ice Blasting Machine with MAMMOTH Cleaning Power!

Purchase & Leasing
Options Available

MB-10000BC



MammothBlast Machine Features:

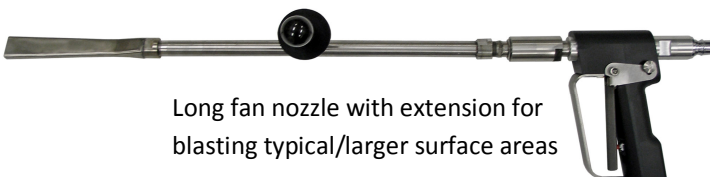
- Easy to use with minimal training required
- Compact size and wheels make this machine easy to transport and maneuver while cleaning
- Adjustable blast pressure and pellet feed rate
- Tough stainless steel enclosed body built for heavy duty industrial use
- Static ground cable included to reduce the risk of static electric shock in certain blasting applications
- Each MammothBlast Dry Ice Blasting Machine includes a 15 ft (4.6m) hose, gun, extension, and short-round & fan nozzle (see below). The gun also features a switch that changes the spray mode from dry ice + air to air only.

Machine Specs:

- Stainless steel body built tough for industrial use
- Hopper Capacity: 45 lb (20.4 kg)
- Electrical Requirements: 115v/10 amps
- Recommended Air Pressure Range: 30 – 125 psi
- Accepts 1.7 to 4 mm dry ice pellets
- Weight: 260 lbs (118 kg), empty
- Dimensions: 42" H x 24" W x 30" D (1067 x 610 x 762 mm)



***Contact us for current pricing**



Long fan nozzle with extension for blasting typical/larger surface areas



Non-abrasive nozzle for blasting delicate surfaces such as wood



Short, round nozzle for blasting smaller or confined areas