

Improve Efficiency and Save Money



Dry Ice Blasting

is the latest important tool for optimized preventative maintenance



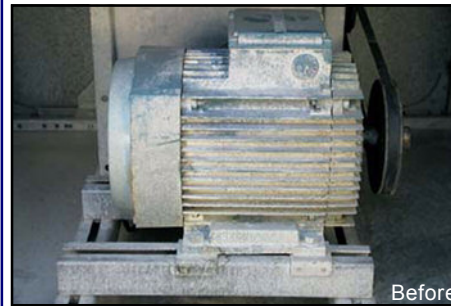
C.W. SILVER
INDUSTRIAL SERVICES INC.
A Division of Energy Management Corporation

Dry Ice Blasting

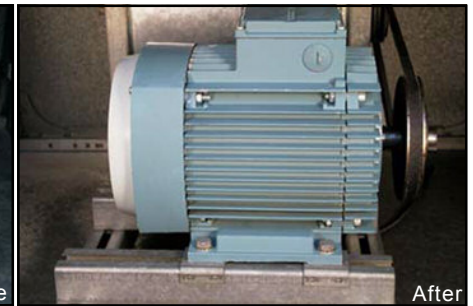
Presented by C.W. Silver

Effectively Cleans:

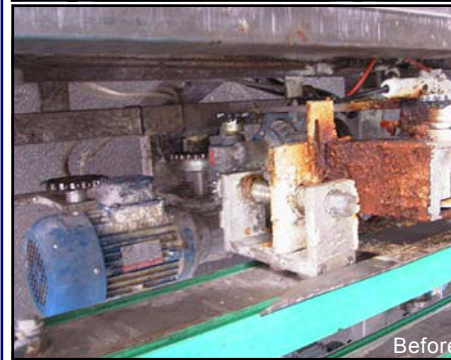
- Electric Motors
- Variable Frequency Drives
- Power Generators
- Welders
- All Other Electrical Equipment



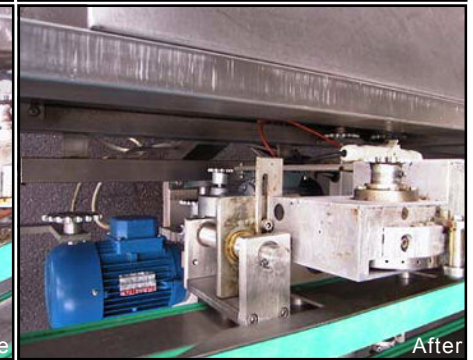
Before



After



Before



After

What Makes Dry Ice Blasting So Great?

Decreased Downtime -

Dry ice blasting does not require equipment to be uninstalled or disassembled to clean it. Downtime can now be measured in minutes with the dry ice blaster, not hours or days like with other cleaning methods.

Safe for All Equipment -

Dry ice is soft enough not to pit the equipment, but is strong enough to clean it. The dry ice pellets evaporate into gas on impact so there is no residue or grit that can cause future damage to the equipment.

Sanitary and Clean -

Dry ice evaporates on impact leaving no mess to be cleaned up. Only the material being removed must be disposed of.

Environmentally-Friendly -

The dry ice pellets evaporate as an environmentally-friendly gas and leaves no harmful wastes. Dry ice blasting is non-abrasive, nonflammable and nonconductive.

Very Flexible -

Dry ice blasting can be as gentle as dusting smoke damage from books or as aggressive as removing weld slag from tooling.

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(801) 366-4100

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Dry Ice Blasting

How Dry Ice Blasting Works –

Used by experts around the world, dry ice blasting uses small pellets of dry ice sprayed through a jet nozzle with compressed air to remove paint, oil, grease, asphalt, tar, decals, soot, dirt, ink, resins, adhesives, and other materials you want removed. The frigid temperature of the dry ice against the dirty surface causes adhesion to shrink and loosen from the subsurface. On immediate impact, the dry ice evaporates into environmentally safe CO2 gas.

Dry ice blasting minimizes waste, saves time and saves money. Enjoy the benefits of a time-saving cleaning process that uses dry ice pellets and compressed air.



How Dry Ice Blasting Compares With Other Methods –

Hot Water –

Hot water is messy to clean up and is electrically conductive, making it difficult and sometimes dangerous to use on electrical equipment.

Sand Blast –

Sand particles can damage equipment and can force dust and grit into the equipment leading to future equipment problems.

Aluminum Oxide –

Aluminum Oxide is an abrasive silicosis health hazard and is sometimes difficult to remove.

Metal Shot –

Metal shot is often too aggressive, causing damage to your equipment and surrounding areas.

Glass Beads –

Glass beads are difficult to dispose of, are abrasive, and are hazardous due to the irrespirable dust created during the cleaning.

Sodium Bicarbonate –

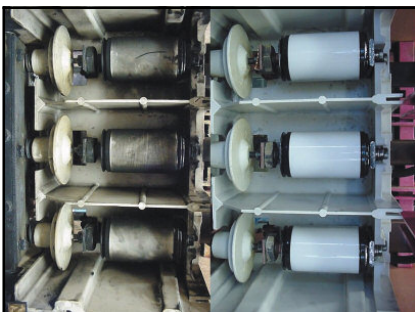
This method is usually messy, abrasive, and can cause equipment failure.

Pumice –

Although this method works well on some surfaces, it is often hard to clean up and can be a silicosis health hazard.

Dry Ice Blaster –

Dry ice blasting is non-abrasive, nonflammable and nonconductive. It is environmentally-friendly and contains no secondary contaminants. Dry ice blasting allows most items to be cleaned in place without disassembly and it can be used without damaging active electrical or mechanical parts or creating fire hazards. Dry ice blasting can also be used to remove production residues, release agents, contaminants, paints, oils and biofilms with less cleanup than other methods. It can be gentle enough to dust smoke damage from books or aggressive enough to remove weld slag from tooling.



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