



Ice Blasting

DRY ICE (CO₂) CLEANING

CO₂ dry ice blast cleaning applications range from delicate wiring and high-tech electronics to huge industrial turbines and foundry core boxes. The process is suitable for a broad range of common industrial contaminants and it's safe for use on today's new-age materials. Our compact, portable air-driven units solve many accessibility issues.

Dry ice particles vaporize on impact as they lift contaminants from the surface, without causing surface damage to the substrate. The particles will eliminate harsh chemicals and grit entrapment, while dramatically reducing waste clean-up time.

Dry ice blast cleaning is fast. It allows you to clean equipment without disassembling or masking, and online cleaning eliminates downtime penalties. Reduce the labour costs of manual cleaning maintenance; reduce or eliminate the costs of waste disposal. Benefit by increasing your uptime and improving your productivity. Extend the life of your equipment investment.

The dry ice particles instantly and safely sublime, turning from solid to gas on impact. By using this process, you will reduce harmful air emissions from toxic chemicals and ultimately reduce employee health risks through exposure to hazardous solvents. And you can also reduce secondary waste volume.

ICE BLASTING IN REMOTE AREAS

Dynamics Of Grit Blasting

- Chiseling Action
- Damage to Substrate
- Short contact duration
- Cleaning limited to initial strike.

DYNAMICS OF DRY ICE BLASTING

- "Impact/Flush" action
- Less impact pressure
- No damage to substrate
- Longer contact duration
- All of kinetic energy used to clean.

SAMPLE APPLICATIONS

Fin Fan Cleaning for Air Cooled Systems

- Ball Mill Grease Removal for NDE
- Testing
- Various Metal Valve
- Decontaminating
- Ceramic Insulator Cleaning
- Hydraulic Cooling Rad Fan
- Paint Removal from Precious Metals
- Veneer Board Platent Cleaning
- Printing Press Ink Removal

WORKS WELL ON:

"Good" Application Contaminants

- Dust
- Ink
- Mould Release
- Food
- Glue
- Carbon
- Light oil
- Resins