# Dry Ice Blast Cleaning

# DRY ICE BLAST CLEANING

#### A superior clean.

Dry ice blast cleaning utilizes a unique combination of forces to powerfully lift surface contaminants without causing damage or creating harmful secondary waste. Similar to sand, bead and soda blasting, dry ice blast cleaning prepares and cleans surfaces using a medium accelerated in a pressurized air stream. But that's where the similarity ends.



Pellet kinetic energy, thermal shock effect, and thermalkinetic effect combine to lift away surface contaminants.

## Powerfully gentle.

From gently restoring smoke damaged books, to cleaning multi-million dollar production equipment in place, Cold Jet's range of dry ice blast cleaning systems, nozzles and accessories sets the industry standard in meeting your toughest cleaning challenges head on.







#### Can your current cleaning method do this?

As seen in this actual demonstration, dry ice blasting is strong enough to remove contaminants, yet gentle enough not to damage even the most delicate surface.

## Scrub traditional cleaning methods.

Dry ice blast cleaning from Cold Jet offers comprehensive cleaning benefits over traditional methods, and can save you up to 80% over current cleaning costs.

CLEANING METHOD	NO SECONDARY WASTE	NON- CONDUCTIVE	NON-TOXIC	NON- ABRASIVE
Dry Ice Blasting	•	•	•	•
Sand Blasting*		•	•	
Soda Blasting*		•	•	
Water Blasting*			•	•
Hand Tools	•		•	
Solvents/ Chemicals				•

<sup>\*</sup> Upon contact, traditional blasting materials become contaminated when used to clean hazardous substances and objects. These blasting materials are also then classified as toxic waste and require appropriate safe disposal.

#### A non-abrasive clean.

Dry ice blast cleaning uses solid  $CO_2$ , a non-abrasive media that won't damage surfaces or equipment. The accelerated, super cooled dry ice pellets or particles create mini-explosions on the surface being cleaned, lifting dirt and contaminants off the underlying substrate.



Cold Jet dry ice blasting was the only approved method capable of fully restoring irreplaceable roof tiles on the Philadelphia Museum of Art.



Connect your air supply to the machine, add dry ice and select your nozzle – it's that simple. Our portable and rugged systems are designed for both industrial applications and contract cleaning. Optimize your system's performance by adjusting compressed air pressure, nozzle type, and dry ice pellet size, density and feed rate.



The revolutionary Aero Series features our SureFlow System, ensuring a reliable flow of dry ice pellets for a superior and efficient clean.



The versatile i<sup>3</sup> Series features our patented dry ice block shaving and feeder technology, providing a powerfully gentle and precise clean.

