

Dry Ice Blasting for Cleaning and Product Finishing

A Faster, Better, Green Cleaning Process

Environmentally responsible dry-ice-blast cleaning and product finishing systems eliminate the use of harmful solvents and other waste-generating cleaning processes. 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.

Instead of abrasive media to grind surfaces (and damage them), Cold Jet systems from Red-D-Arc use dry ice (solid CO₂) accelerated at supersonic speeds that sublime upon impact and lift contaminants from substrates.

From gently restoring smoke damaged books, to cleaning multi-million dollar production equipment in place, Red-D-Arc's range of Cold Jet dry-ice-blast cleaning equipment systems, nozzles and accessories can tackle your toughest cleaning challenges head on.

How does it work?

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Aero 40



Contractors used Cold Jet systems to restore historical statues at the Puerto Rico Capital Building

Red-D-Arc Welderentals

reddarc.com

The *right* tool for the job...

Airgas
Dry Ice

Red-D-Arc offers a variety of Cold Jet Dry Ice Blasting Systems to provide you with the appropriate solution for your needs and budget.



Aero 40/Aero 40 HP

Hopper Capacity: 40 lb
Feed Rate: 0-4 lb/min
Blast Pressure, 40: up to 140 PSI
Blast Pressure, 40HP: up to 250 PSI
Weight: 260 lb
Dimensions: 36" X 17" X 40"
Uses dry ice pellets



i³ MicroClean

Dry Ice Capacity: 20 lb
Feed Rate: 0-1.2 lb/min
Blast Pressure: up to 140 PSI
Power Supply: 110V or 230V 1Phase
Weight: 130 lb Dimensions: 22" X 16" X 21"
Uses dry ice block shavings

All Aero Series units require a 1" ID air line capable of delivering up to 165 CFM at 80 PSI within 50 feet of the application area, as well as 110V 10A electrical power (except for the pneumatic C100).



Aero 80 HP

Hopper Capacity: 80 lb
Feed Rate: 0-7 lb/min
Blast Pressure: up to 300 PSI
Weight: 400 lb
Dimensions: 43" X 20" X 46"
Uses dry ice pellets

Aero Series



Patented shaving technology...

While pellets are most suitable when removing heavy, thick contaminants, shaved ice is ideal for cleaning delicate substrates, intricate geometries or tiny openings.

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



Aero C100 Pneumatic

Hopper Capacity: 100 lb
Feed Rate: 0-7 lb/min
Blast Pressure: up to 140 PSI
Power Supply: Pneumatic
Weight: 250 lb
Dimensions: 31" X 15" X 45"
Uses dry ice pellets

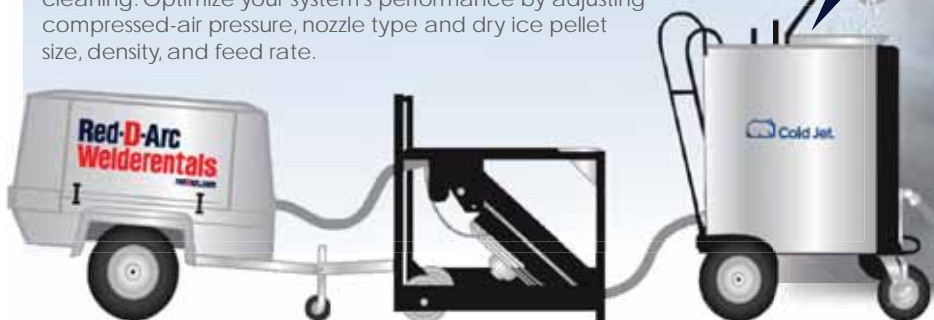
i³ Series



The **i³ Series** features patented dry ice block shaving and feeder technology, providing a powerfully gentle and precise clean.

Set-up in a snap...

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.



1-866-733-3272

...from a *single* source supplier.



Red-D-Arc is pleased to offer our Blasters Plus Program, a comprehensive program that provides users with an environmentally responsible dry ice blasting system, including supplies and support - in an all-in-one agreement that includes equipment and consumables - all from a single source.

Rent, Lease, or Purchase

Regardless of the size and scope of your dry ice blasting project, we have options to accommodate your needs. From daily rentals to new machine sales... we have you covered.

With our nationwide sales team, and network of rental outlets, you can choose how you want to get your dry ice blast cleaning equipment. Whether you just want to rent a machine for a weekend shutdown and maintenance, or purchase outright and depreciate over time, we can accommodate your preference.

Nationwide Coverage

With over 50 rentals centers strategically located across North America, Red-D-Arc can provide dry ice blast cleaning equipment - where you need it, when you need it.

Blasters Plus Program

Includes all equipment as well as dry ice.

Daily, Weekly or Monthly Rentals

Rent your blasting equipment by the day, week, or month.

Blast-Logistics Lease

Equipment can be leased for a 36-month term.

Try-Before-You-Buy

Your equipment is delivered to you on a rental basis, but you can exercise an option to purchase within the first 30 days.

Rent-to-Own

Apply your rental payments towards purchase costs.

Purchase New or Used

Call us for details about new or used equipment purchases.

Blasters Plus Program

Blasters Plus is an all-inclusive agreement for the rental of a dry ice blast cleaning system, dry ice cleaning medium (either pellets or block ice), and a compressed air supply (if needed). Highlights include...

Highlights include...

- Agreements can be for short or long term rental (daily, weekly, monthly) or lease (36-months)
- Complete dry ice system is configured to your specific requirements
- Regular invoicing for the equipment and the first 1,000 pounds of dry ice
- Additional ice can be ordered on an as-needed basis and billed separately



Aero 80 HP



After Cooler



Dry Ice Chest



Air Compressor

For more information click www.reddarc.com/iceblast or call 1-866-733-3272 to speak to a dry ice blast cleaning specialist.

Airgas

Over 30 industries and hundreds of applications...

These environmentally responsible cleaning and product finishing systems eliminate the use of harmful solvents and other waste-generating cleaning processes.

Power Generation

Turbines
Compressors and Generators
AC/DC Motors
Circuit Breakers
Switch Gears
Transformers
Rotors and Stators
Insulators
Field Frames
Substation Isolators
and Bushings

Contract Cleaning

Fire and Smoke Restoration
Mold Remediation
Odor Elimination
Water Damage
Lead Paint Abatement
Adhesive and Tar Removal
Corrosive Contaminants Removal
Plant Shutdowns

Foundry and Forging

Remove Resins and Release Agents
Permanent Aluminum Molds
Semi-solid Castings/Forging
Core Boxes and Vents
Refractory Coatings
Shell Core Molds
Die Cast Tooling
Conveyors

Rubber and Plastic

Blow Molds
Compression Molds
Extrusions Molds
Injection Molds
Thermoform Molds
Urethane Molds and Overspill
Metal Bonded Molds
Tilt-back Press
Lift Press

Food and Beverage Processing

Slicers and Dividers
Pack-off Tables
Labelers and Gluers
Ovens and Conveyors
Mixers and Baggers
Ishida Weighers
Bottling Lines

Medical

Medical Stints and Implants
Thermoplastic Injection Mold
Titanium, Stainless, PEEK Products
Surgical Tools and Instruments
Thermoset Injection Molds
Deflashing and Deburring
Liquid Injection Silicone Mold
Catheter Tips
Manifolds



Silgan saves time with dry ice blasting.

"The time savings alone have been phenomenal as we have been able to clean our equipment better and faster while we're still online."

Joe Pond, Setup Supervisor *Silgan Plastics*



Husky recommends Cold Jet's process.

"By using Cold Jet's dry ice blast cleaning system, our customers will find a fast and easy cleaning solution that will help them significantly reduce system downtime and improve productivity."

Mike Urquhart, Vice President *PET Husky*



Ghirardelli discovered a sweet solution.

"We tried different models of dry ice blasters, but eventually all agreed that the units from Cold Jet were easier to use and were more effective."

Tony Tai, Production Supervisor *Ghirardelli Chocolate Company*

Contractors use Cold Jet systems to clean stator windings at hydro-electric power generation facilities

