

Aero Series

Setting a new standard for dry ice blast cleaning.



The future of dry ice blast cleaning is here.

Unmatched in the industry, the rugged Aero Line delivers a superior clean with the lowest cost of ownership. Our environmentally responsible systems are engineered to be reliable, easy and cost effective to use, helping you get the job done faster, smarter and safer.

Choosing the right solution.

The Aero Line offers superior performance and versatility with or without electricity. Regardless of the size of your project or budget, from the compact Aero 40 to the all-pneumatic Aero C100, Cold Jet has the right solution to meet your needs. Contact Cold Jet to determine the best solution for your application.



Aero **40/40 HP**

Aero **80**

Aero **80 HP**

Aero **C100**

CLEANING SYSTEM	HOPPER SIZE	TILT OUT HOPPER	FEED RATE	SureFlow SYSTEM	CLEANING AGGRESSION	POWER SUPPLY
Aero 80 HP	80 lb (36.2 kg)	●	0-7 lb/min (0-3.2 kg/min)	●	●●●●●	Electric
Aero 80	80 lb (36.2 kg)		0-7 lb/min (0-3.2 kg/min)	●	●●●●●	Electric
Aero 40 HP	40 lb (18.2 kg)		0-4 lb/min (0-2 kg/min)	●	●●●●●	Electric
Aero 40	40 lb (18.2 kg)		0-4 lb/min (0-2 kg/min)	●	●●●●	Electric
Aero C100	100 lb (45.5 kg)		0-7 lb/min (0-3.2 kg/min)	●	●●●●●	Pneumatic
Aero V	30 lb (13.6 kg)		0-3 lb/min (0-1.4 kg/min)		●	Electric

What makes Aero different?

Cold Jet has perfected the Aero blast system to deliver results others can't. The revolutionary delivery system provides a superior clean every time you pull the trigger. A single operator can run a full hopper of dry ice through a 100 ft hose without poking, clogging or loss of cleaning aggression.

SureFlow SYSTEM

Sealed Lid

Eliminates moisture

Insulated Hopper

Reduces sublimation

Isolated Hopper

Concentrates agitation

Hopper Agitation

Prevents clogging



Radial Feeder

Provides pulse-free blasting

Aerodynamic Fittings

Minimizes air requirements

Burst-Proof Blast Hose

Maximizes hose safety

AEROSPACE TECHNOLOGY

Industrial Grade

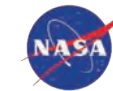
Ensures continued operation

Ergonomic Applicator

Virtually fatigue-free control

AeroTech Nozzles

Maximizes performance



Cold Jet nozzles feature MERN Technology used by NASA

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Aero V

Aero technology in an economical package.



Affordable, reliable cleaning solutions.

The Aero V offers an affordable, environmentally-responsible cleaning solution. The lightweight, compact, single-hose Aero V electric dry ice blast cleaning system utilizes dry ice pellets in a patented aerodynamic rotor that ensures high reliability and smooth pulse-free dry ice blasting performance. Everything you need at a price you can afford.

Stainless Steel Isolated Hopper with Vibrator

Keeps pellets fluidized and ensures reliable feed

Easy-off Panels

Allow for quick inspections of internal components



Aluminum Frame
Lightweight and maneuverable

Wheel Locks
Keeps machine stationary during use

360° Turning Radius
Navigates in tight areas

AERO V BENEFITS

- Reliable pellet flow
- No clogging
- Easy to maintain
- Safe operation
- Minimal air/ice usage
- Pulse-Free blasting
- Most advanced nozzles
- ESD (static) control



Competitor Cold Jet

Aero Systems clean uniformly on every pass making them the fastest dry ice blast cleaning system available on the market.

APPLICATOR

- Quick change nozzle connection
- Safety switch
- Industrial design
- Minimizes fatigue

DIMENSIONS	WEIGHT	FEED RATE	BLAST PRESSURE RANGE	DRY ICE CAPACITY
28 x 17 x 32 in	165 lbs	0-3 lb/min	*20-140 PSI	30 lbs
71 x 43 x 82 cm	75 kg	0-1.4 kg/min	*1.4 - 9.7 bar	13.6 kg

**with optional pressure regulator; without regulator minimum is 65 PSI (4.5 bar.)*

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Aero 40 Series

Superior performance in a compact design. (40/40HP)



Built to Blast. Built to Last.

Available in standard and High Pressure (HP) models, the 40 Series guarantees the best pellet integrity, maximum cleaning aggression, and the most reliable blast stream on the market. In addition to the standard Aero features, the 40 Series uses frequency-tuned vibratory agitation to eliminate clogging—allowing you to blast through the 40lb hopper without stopping.



AERO 40 SERIES BENEFITS

- Reliable pellet flow
- No clogging
- Easy to maintain
- Safe operation
- Minimized sublimation
- Minimal air/ice usage
- Pulse-Free blasting
- Most advanced nozzles
- Rugged and mobile
- Nozzle storage
- ESD (static) prevention

INTUITIVE CONTROL PANEL



- On/Off switch
- Quick Stop button
- Blast pressure gauge
- Feed Rate control
- Hour meter

ADVANCED APPLICATOR

- Quick change nozzle connection
- Safety switch
- Air-only switch
- Extremely durable
- Minimizes fatigue

DIMENSIONS	WEIGHT	FEED RATE	BLAST PRESSURE RANGE	DRY ICE CAPACITY
36 x 20 x 40 in	260 lbs	0-4 lb/min	*20-140 PSI *20-250 PSI (HP Model)	40 lbs
91 x 51 x 102 cm	118 kg	0-1.8 kg/min	*1.4 - 9.7 bar *1.4 - 17.2 bar (HP Model)	18.1 kg

*with optional pressure regulator; without regulator minimum is 65 PSI / 4.5 bar.

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Aero 80 Series

The signature series of the Aero Line. (80/80 HP)



Built to Blast. Built to Last.

Available in standard and High Pressure (HP) models, the 80 Series guarantees the best pellet integrity, maximum cleaning aggression, and the most reliable blast stream on the market. In addition to the standard Aero features, the 80 Series uses frequency-tuned vibratory agitation to eliminate clogging—allowing you to blast through the 80 lb hopper without stopping.

AERO 80 SERIES BENEFITS

- Reliable pellet flow
- No clogging
- Easy to maintain
- Safe operation
- Minimized sublimation
- Minimal air/ice usage
- Pulse-Free blasting
- Most advanced nozzles
- Rugged and mobile
- Nozzle storage
- ESD (static) prevention



Recycle - Reduce - Reuse

The 80 HP features a tilt-out hopper that allows you to empty unused ice easily, then use again. (IHP Model Only)

ADVANCED APPLICATOR

- Quick change nozzle connection
- SureFire Light (DX/HP model only)
- Safety switch
- Air-only switch
- Extremely durable
- Minimizes fatigue



DIMENSIONS	WEIGHT	FEED RATE	BLAST PRESSURE RANGE	DRY ICE CAPACITY
43 x 20 x 46 in	400 lbs	0-7 lb/min	*20-140 PSI (80) *20-300 PSI (HP Model)	80 lbs
109 x 52 x 118 cm	181 kg	0-3.2 kg/min	*1.4 - 9.7 bar (80) *1.4 - 20.7 bar (HP Model)	36.4 kg

*with optional pressure regulator; without regulator minimum is 65 PSI (4.5 bar.)

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Aero C100

Aero performance in an all-pneumatic design.



Cut the cord and go anywhere.

The new Aero C100 Pneumatic is the most powerful and efficient pneumatic dry ice blasting machine on the market. The C100 delivers Aero performance in an all-pneumatic design and a pulse-free stream that cleans uniformly on every pass. With automated hopper agitation and the ability to double your hose length from previous pneumatics (up to 100 feet total), the Aero C100 will let you clean in locations never before possible.

Stainless Steel - Insulated, Isolated Hopper
Reduces sublimation and ensures reliable feed



BENEFITS OF THE AERO C100

- Reliable pellet flow
- No clogging
- Easy to maintain
- Safe operation
- Minimized sublimation
- Minimal Air/Ice usage
- Pulse-Free blasting
- Most advanced nozzles
- Rugged and mobile
- Nozzle storage
- ESD (static) prevention



Fully Pneumatic Design

The C100 relies solely on air and ice to deliver superior results wherever the job may be.

INTUITIVE CONTROL PANEL

- On/Off switch
- Quick Stop button
- Blast Pressure gauge
- Feed Rate control
- Hour meter

ADVANCED APPLICATOR

- Quick change nozzle connection
- Safety switch
- Air-only switch
- Extremely durable
- Minimizes fatigue

DIMENSIONS	WEIGHT	FEED RATE	BLAST PRESSURE RANGE	DRY ICE CAPACITY
15 x 31 x 45 in	250 lbs	0-7 lb/min	*20-140 PSI	100 lbs
38 x 79 x 114 cm	114 kg	0-3.2 kg/min	*1.4 - 9.7 bar	45.5 kg

*with optional pressure regulator; without regulator minimum is 65 PSI / 4.5 bar.

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MICROCLEAN

Precision cleaning and product finishing system.



Absolute Precision.

When precision counts, the single hose electric i3 MicroClean featuring Cold Jet's patented shaved dry ice technology is your best choice. This environmentally responsible system enables you to safely clean delicate surfaces and complex cavities and crevices that other machines can't reach—without surface abrasion, disassembly, or harmful secondary waste. With precision control you will be able to debur/deflash the most delicate product. Plus, the robust chain drive provides ultimate reliability for even the most demanding environments.

Applicator Hanger
Safely store your applicator during transport

Ice Level Indicator
Easily monitor ice level

Intuitive Control Panel
Features hour meter, feed rate control, and quick stop

Stainless Steel Construction
Rugged and durable

Ergonomic Handles
Ensure easy transport



Internal Air Filter
Removes water, oil, and rust from the air supply

ERGONOMIC APPLICATOR

Specially-designed applicator improves the blasting experience.

- Ergonomic head
- Minimizes fatigue
- Extremely durable
- High intensity LED Lights
- Air only feature
- Safety switch
- Lightweight



NEW SPECIALTY NOZZLES

- MC88 (30 cfm) fan nozzle for fast dusting and cleaning
- MC88F (25 cfm) patented fragmenting nozzle for even gentler cleaning
- MC26M (35 cfm) & MC29MH (50 cfm) patented MERN technology nozzles for superior performance



KEY BENEFITS

- Designed for precision applications
- Low noise operation
- Table-top footprint
- Easy to maintain with removable panel design
- Safe operation
- Increased blast pressure
- Uses 5X5 or 6X6 inch block (quick change trough inserts)
- Pneumatic circuitry regulates pressure loss and reduces moisture build-up
- Integrated bonding cable virtually eliminates static shock
- Durable burst-proof blast hose w/ hose cover (Urebrade or Silicone hose available)
- Minimal air/ice usage
- Stainless steel rotor
- Includes cart for mobility



DIMENSIONS	WEIGHT	FEED RATE	BLAST PRESSURE RANGE	DRY ICE CAPACITY
22 x 16 x 21 in	130 lbs	0 - 1.2 lb/min	up to 140 PSI	20 lbs
56 x 41 x 53 cm	59 kg	0 - .6 kg/min	up to 9.7 bar	9.1 kg

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ICEPRESS

Consistent quality block dry ice, whenever, wherever.



Block dry ice on demand.

Making your own dry ice blocks on demand has never been easier. The revolutionary Cold Jet i³ IcePress creates a consistent high-quality dry ice block from pellets, nuggets and/or scrap dry ice in under three minutes.



KEY BENEFITS

- High quality blocks
- Uses pellet, nugget or scrap ice
- Controlled outcome every time
- 20 blocks/hr
- Low noise operation
- Rugged construction
- Mobile design

PREPARE TO BE IMPRESSED

Small, mobile and easy to use: just add ice and compressed air - the fully pneumatic i³ IcePress does the rest. Make as little as you need, or as much as you want. (up to 20 blocks per hour)



GREAT BLOCKS FOR BLASTING



The IcePress is the perfect companion to your MicroClean or SDI-5 dry ice blasting system.

DIMENSIONS	WEIGHT	BLOCK WEIGHT	AIR PRESSURE RANGE	BLOCK SIZE
21 x 25 x 43 in	215 lbs	14.5 lbs	80 - 250 psi	5.75 x 5.75 x 10 in
54 x 65 x 109 cm	97.5 kg	6.6 kg	5.5 - 17.2 bar	14.6 x 14.6 x 25.4 cm

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SDI-5

Exceptional performance in a versatile package.



Maximum versatility.

The dual hose, pneumatic SDI-5 is a high pressure blast cleaning system that uses our patented shaved ice technology with dry ice block, pellets, or nuggets. Flexibility with dry ice media combined with our patented shaved ice and feeder technologies allow you to tackle a wide range of tricky cleaning applications.

Insulated Double-Wall Hopper
Reduces sublimation

Stainless Steel Construction
Rugged and durable



Hose Management System
Safely and conveniently stores hoses

Fork Lift Tubes
Safe and easy transportation

Wheel Locks
Keeps machine stationary during use

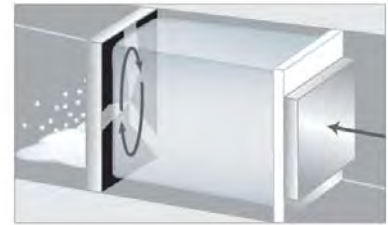
360° Turning Radius
Provides easy navigation



The SDI-5 is capable of using pellet, nugget, or block dry ice.

KEY BENEFITS

- All Pneumatic design
- Easy to maintain
- Safe operation
- Block, nugget, or pellet media
- Shaved ice technology



Cold Jet's patented feeder technology creates shaved dry ice on demand.



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

AEROSPACE TECHNOLOGY

Cold Jet nozzles are designed to deliver exceptional performance whatever the application.



Cold Jet nozzles offer the most flexibility to handle any application.

DIMENSIONS	WEIGHT	FEED RATE	BLAST PRESSURE RANGE	DRY ICE CAPACITY
37 x 24.5 x 45 in	430 lbs	0 - 6 lb/min	40 - 250 PSI	120 lbs
94 x 62.2 x 114.3 cm	195 kg	0 - 2.7 kg/min	2.8 - 17.2 bar	54.5 kg

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