

  
SERIES







CLEAN EASILY



## EASY TO USE



Aero<sub>2</sub> Series machines are not only the most technologically advanced dry ice blasters on the market, they are also the easiest to use

HMI: 7" LCD color screen with digital controls

Intuitive display - Easily view and control blasting parameters and machine settings

Programmable and password-protected application recipes (blast pressure, particle size, feed rate)

# CLEAN WITH HIGH PERFORMANCE



## CLEANS FASTER



Aero<sub>2</sub> machines are the highest performing dry ice blasters available

Industry changing performance allows user to clean faster and with greater power

Optimized design leads to consistent and pulse-free blast stream

## EFFICIENT



Clean more effectively with less air and less dry ice

Streamlined "straight through" air system maximizes air supply yield

Continuous dry ice flow minimizes sublimation and waste

Advanced air flow system minimizes pressure loss within the machine and maximizes available air supply

# CLEAN SMARTER

## SMART



Dry Ice 4.0 – IoT connectivity enables operators to get the most out of their machines

Remote monitoring and diagnostics with Cold Jet CONNECT®

Online portal provides machine usage data and data views for remote technical support





# CLEAN COMFORTABLY

## QUIET



Designed to limit and reduce noise levels

Aero<sub>2</sub> machines clean more effectively at lower air supply and blast pressures, reducing noise

Proprietary enclosed thumper system

## DURABLE



Aero<sub>2</sub> machines are constructed to endure rough environments and extensive use

Coated tool grade aluminum alloy, stainless steel and polymer frame

Built with high end parts to maximize reliability and performance

Engineered to minimize part wear

## ERGONOMIC



Engineering and design innovations lead to a more comfortable clean

Optimized design and combination of materials allows for an ergonomically-friendly footprint

Wheels and braking system are designed for mobility and maneuverability

Blast hoses have been designed for the ultimate in flexibility and durability



# CLEAN RESPONSIBLY

## ENVIRONMENTALLY RESPONSIBLE



Dry ice blasting is environmentally responsible and truly environmentally friendly. To fulfill our mission of providing value and protecting the environment, our equipment:

Utilizes media that is inert, non-conductive, non-corrosive and does not add to the hazardous waste stream

Improves working conditions and the health and safety of the labor force

Uses more recycled and renewable content in the product and packaging

# A COMPLETE SOLUTION



Cold Jet offers the complete solution for every application

A wide and dynamic line of the industry's most technologically advanced and efficient nozzles

A varied line of applicators that are designed for comfort, safety and simplicity

A complete range of flexible and durable air and blast hoses

Options for on-board storage

# CLEAN WITH THE BEST

## DRY ICE BLASTING REINVENTED



Cold Jet invented modern dry ice blast cleaning technology

We hold more than 100 patents worldwide

Cold Jet holds the original patent on modern dry ice blasting - US Patent 4,617,064 (1986)

The Aero<sub>2</sub> Series utilizes 4 new patents

## PROVIDES INCOMPARABLE VALUE



Require significantly less dry ice and air pressure than competing machines

Clean much faster than any machine on the market

Offer the lowest cost of ownership in the marketplace

Quickly achieve return on investment with optimal use

# CLEAN WITHOUT INTERRUPTION

## AUTOMATION & INTEGRATION CAPABLE



Integrate select Aero<sub>2</sub> machines with a dry ice production unit for continuous blasting

Easily connect to a robot or any other PLC-controlled automation system via an optional accessory package

Seamlessly transition from an integrated unit to manually controlling the machine







PRECISION, VERSATILITY, POWER

# AERO<sub>2</sub>

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The Aero<sub>2</sub> Series provides you with performance options. Choose the machine that is best suited for your unique application.

The PCS 60 gives you complete control of particle size and unrivaled precision and application versatility.

Need more power?

The PLT 60 is designed for applications that require higher performance.



# CLEAN WITH MORE CONTROL USING THE PCS 60

## VERSATILE FOR ALL APPLICATIONS



The Cold Jet PCS® 60 utilizes finely controlled particles of dry ice as a blasting medium, via our proprietary and patented Particle Control System™ (PCS)

Accepts 3mm pellets as input and, via the PCS, precisely cuts the dry ice into diamond shaped particles in the exact dimensions chosen by the operator

Choose dry ice particle size from 3mm to 0.3mm and every size in between

The user has complete control and can fine-tune the most effective setting for each unique application

## PARTICLE CONTROL SYSTEM (PCS)

CHOOSE BETWEEN 28 PARTICLE SIZES

3mm

0.3mm



DRY ICE BLASTING REINVENTED

PCS® 60

PCS = PARTICLE CONTROL SYSTEM



THE NEW STANDARD  
IN DRY ICE BLASTING

DESIGNED FOR VERSATILITY & PRECISION  
SELECT 28 DISTINCT PARTICLE SIZES (3MM - 0.3 MM)

**MACHINE DIMENSIONS**

Length x Width x Height:  
39 in (99 cm) x 19 in (48 cm) x 45 in (114 cm)  
Weight: 251 lb (114 kg)

**POWER REQUIREMENTS**

Input Voltage: 110/230V AC (50/60 Hz)  
AMPS: 4.3

Compliant with the EU Machinery Directive (CE)  
and UL Design Standards

**HOPPER CAPACITY**

60 lb (27 kg)

**HMI DISPLAY**

7" LCD Color Screen

**FEED RATE**

Variable - up to 4 lb/min  
(1.8 kg/min)

**DRY ICE PARTICLE SIZE**

Input: 3mm ; Output: 3mm - 0.3mm  
Utilizes 28 distinct dry ice particle sizes

**BLAST PRESSURE RANGE**

20 - 145 psi (1.4 - 10 bar)

**COMPRESSED AIR SUPPLY**

40 - 145 psi (2.8 - 10 bar)

**NOZZLE AIR CONSUMPTION**

12 - 100 cfm (0.3 - 2.8 m<sup>3</sup>/min)  
at 80 psi (5.5 bar)

**BLAST FLOW PATH**

3/4" Straight Through Tubing

**SUREFLOW**

Thumper, Ramrods, Electric Vibrator  
"Always-On" Hopper Agitation  
Isolated Hopper

# CLEAN WITH POWER USING THE PLT 60

## BLAST WITH MORE POWER



With PLT machines, you can blast with up to 250 PSI (17.2 bar) of pressure

Optimized for high performance nozzles

Designed for applications that require more aggression

Blast with 3mm dry ice pellets only for a more aggressive clean



DRY ICE BLASTING REINVENTED

PLT<sup>®</sup> 60

PLT = PELLET BLASTER



THE NEW STANDARD  
IN DRY ICE BLASTING

DESIGNED FOR POWER  
BLAST UP TO 250 PSI

**MACHINE DIMENSIONS**

Length x Width x Height:  
39 in (99 cm) x 19 in (48 cm) x 45 in (114 cm)  
Weight: 251 lb (114 kg)

**POWER REQUIREMENTS**

Input Voltage: 110/230V AC (50/60 Hz)  
AMPS: 4.3

Compliant with the EU Machinery Directive (CE)  
and UL Design Standards

**HOPPER CAPACITY**

60 lb (27 kg)

**HMI DISPLAY**

7" LCD Color Screen

**FEED RATE**

Variable - up to 6 lb/min  
(2.7 kg/min)

**DRY ICE PARTICLE SIZE**

Input: 3mm ; Output: 3mm

**BLAST PRESSURE RANGE**

35 - 250 psi (2.4 - 17.2 bar)

**COMPRESSED AIR SUPPLY**

40 - 250 psi (2.8 - 17.2 bar)

**NOZZLE AIR CONSUMPTION**

50 - 165 cfm (1.4 - 4.7 m<sup>3</sup>/min)  
at 80 psi (5.5 bar)

**BLAST FLOW PATH**

1" Straight Through Tubing

**SUREFLOW**

Thumper, Ramrods, Electric Vibrator  
"Always-On" Hopper Agitation  
Isolated Hopper



COLD JET WORLD HEADQUARTERS  
455 WARDS CORNER ROAD  
LOVELAND OHIO 45140

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