


AERO₂
SERIES







CLEAN EASILY



EASY TO USE



Aero₂ 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



Aero₂ 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® (Free 2 year subscription)

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



CLEAN COMFORTABLY

QUIET



Designed to limit and reduce noise levels

Aero₂ machines clean more effectively at lower air supply and blast pressures, reducing noise

Proprietary enclosed thumper system

DURABLE



Aero₂ 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 Aero₂ 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 Aero₂ 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

AERO₂

SERIES

The Aero₂ 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 m³/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[®] 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: 233 lb (106 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 m³/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

