



# AERO<sup>2</sup>

## PCS<sup>®</sup> 60



*DRY ICE BLASTING REINVENTED*





## PCS 60 SPECS

### 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)

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### POWER REQUIREMENTS

110/220V AC (50/60 Hz)

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### HOPPER CAPACITY

60 lb (27 kg)

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### HMI DISPLAY

7" LCD Color Screen

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### FEED RATE

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

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### PARTICLE CONTROL SYSTEM

Variable Dry Ice Size: 3mm - 0.3mm  
Utilizes 28 distinct dry ice particle sizes

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### BLAST PRESSURE RANGE

20 - 145 psi (1.4 - 10 bar)

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### COMPRESSED AIR SUPPLY

40 - 145 psi (2.8 - 10 bar)

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### NOZZLE AIR CONSUMPTION

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

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### BLAST FLOW PATH

3/4" Straight Through Tubing

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### SUREFLOW

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

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

# CLEAN WITH MORE CONTROL

## VERSATILE – FOR ALL APPLICATIONS



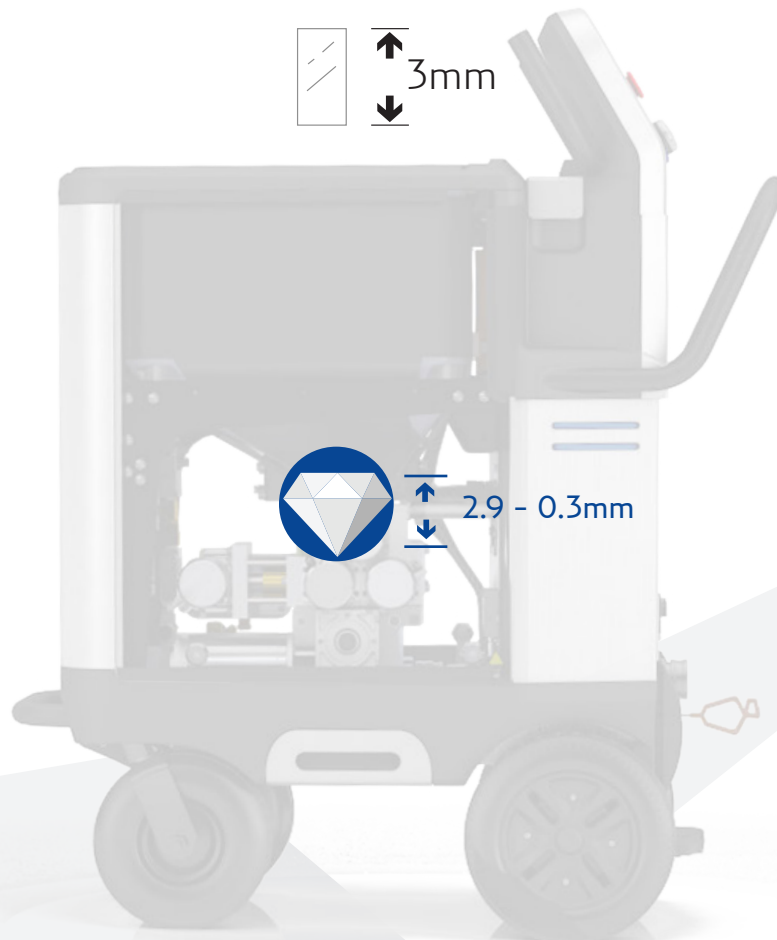
The Cold Jet PCS® 60 utilizes finely controlled particles of dry ice as a blasting medium, via our proprietary and patented Particle Control System™ (PCS)

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

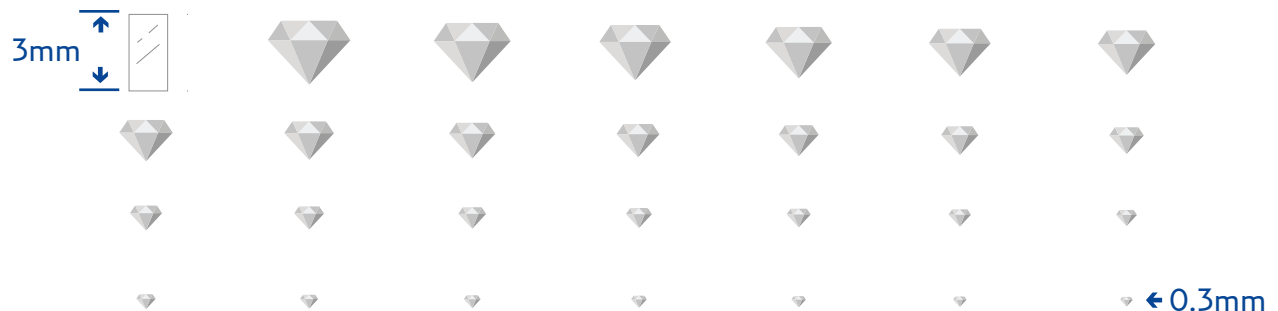
Choose dry ice particle size from 3mm to 0.3mm and every size in between

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



CLEAN SIMPLY



## EASY TO USE



The PCS 60 is not only the most technologically advanced dry ice blaster on the market, it is 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



The PCS 60 is the highest performing dry ice blaster 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

The PCS 60 cleans more effectively at lower air supply and blast pressures, reducing noise

Proprietary enclosed thumper system

## DURABLE



The PCS 60 is 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



## 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 over 100 patents worldwide

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

The PCS 60 utilizes 4 new patents

## PROVIDES INCOMPARABLE VALUE



Requires significantly less dry ice and air pressure than competing machines

Cleans much faster than any machine on the market

Offers the lowest cost of ownership in the marketplace

Quickly achieves return on investment with optimal use

# CLEAN CONTINUOUSLY

## AUTOMATION & INTEGRATION CAPABLE



Integrate the PCS 60 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







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