

# Aero 80FP

Premium technology. Proven design.



Our top-of-the-line machine, the Aero 80FP is a full pressure dry ice cleaning system that includes brand new radial feeding system technology that is aerodynamic loading to reduce wear on pads and rotor; utilizes a compact motor that reduces weight and lowers power consumption; includes an enhanced rotor that provides pulse-free blasting and precision feed rate control; and has an onboard pressure regulator. Customized with accessories that will provide the best clean for your environment, the Aero 80FP provides premium technology in a proven design.

## ADVANCED RADIAL FEEDING SYSTEM TECHNOLOGY

- Aerodynamic loading reduces wear on pads and rotor, increasing machine life
- Compact motor that reduces weight and lowers power consumption
- Enhanced rotor that provides pulse-free consistent pellet flow and precision feed rate control
- Full range of blast pressure
- Onboard pressure regulator



**DRY ICE CAPACITY**  
80 lb (36.4 kg)

**FEED RATE**  
0-7 lbs/min (0-3.2 kg/min)

**DIMENSIONS**  
43 x 20 x 46 in (109 x 52 x 118 cm)

**WEIGHT**  
389 lbs (176 kg)

**AIR CONSUMPTION**  
50-165 CFM (1.4 - 4.7 m<sup>3</sup>/min) at 80 PSI (5.5 bar)

**BLAST PRESSURE RANGE**  
20-300 psi (1.4-20.7 bar)

**POWER**  
1/2 HP, AC Motor, 1,750 RPM

## AERO 80FP FEATURES

- Advanced SureFlow System
- Full range of pressure+
- Reliable pellet flow
- Tilt-out hopper
- Deluxe Accessory Package
- Minimized sublimation
- Minimal air/ice usage
- Easy to maintain
- Safe operation
- Rugged and mobile
- Most advanced nozzles
- ESD (static) control

# Aero Series

Enhanced for the Power of Choice.



The Aero Series at its core is a line of Performance Class dry ice blast cleaning machines that guarantees the best pellet integrity, maximum cleaning aggression and most reliable blast stream on the market. Unmatched in the industry, the rugged Aero Series has always delivered superior performance and versatility with the lowest cost of ownership. Now further enhanced to meet your needs and budget, we have streamlined the Aero Series to three levels of functionality: the Aero, Aero 40FP and Aero 80FP. Differentiated by technology, performance and size, reference our comparison chart below to find which system is best for you.



	Aero	Aero 40FP	Aero 80FP
<b>Frame</b>			
Dimensions	36 x 20 x 40 in 91 x 51 x 102 cm	36 x 20 x 40 in 91 x 51 x 102 cm	43 x 20 x 46 in 109 x 52 x 118 cm
Weight	223 lb / 101 kg	257 lb / 117 kg	389 lb / 176 kg
<b>Air System</b>			
Blast Pressure Regulator	Internal Optional	Internal	Internal
Blast Pressure Range	65-140 psi (20 psi if regulated) 4.5-9.7 bar (1.4 bar if regulated)	20-250 psi 1.4-17.2 bar	20-300 psi 1.4-20.7 bar
<b>SureFlow System</b>			
Hopper Size	30 lb / 13.6 kg Isolated, Insulated	40 lb / 18.2 kg Isolated, Insulated	80 lb / 36.4 kg Isolated, Insulated, Tilt-out
Agitation	Base Electric Vibrator	Performance Thumper, Ramrods	Advanced Thumper, Ramrods, 2 Electric Vibrators
Feeder	Radial	Advanced Radial	Advanced Radial
Rotor	Standard, Coated Aluminum	Enhanced, Coated Aluminum	Enhanced, Coated Stainless
Feed Rate	0-3 lb/min 0-1.4 kg/min	0-4.5 lb/min 0-2 kg/min	0-7 lb/min 0-3.2 kg/min
Blast Hose Size	3/4 in / 1.9 cm Standard 1 in / 2.5 cm Optional	1 in / 2.5 cm Standard All Sizes Optional	1 in / 2.5 cm Standard All Sizes Optional
Applicator	Compact	XP Performance	XP Heavy Duty
Nozzle Options	Low or Medium Flow	All Available	All Available
Deluxe Accessory Package	Not Available	Optional	Standard
Integration Suitable	No	Optional	Yes

Aero C100 pneumatic system also available.