Pro-Finish® Blast Cabinets
• Rugged • Versatile • Designed to Meet Your Surface-Finishing Needs

Blower located on clean side of dust collector prolongs fan life.

Tunable Reclaimer reduces media loss, cuts operating costs and improves finishing results.

Kleensweep™ improves visibility by creating an air stream across the viewing window that reduces dust buildup.

Ergonomic Glove Rings include armrests for improved operator comfort.

Easily Accessible Pneumatic Controls, which include a door safety switch to prevent accidental blasting, provide greater reliability than electric solenoid systems.

Rigid Double-Panel Door with Self-Adjusting Latch extends service life and reduces leakage; flush construction eliminates media spills.

If your operations involve cleaning with chemicals, acid etching or dipping, liquid honing, wire brushing, sanding, deburring, grinding or peening, moving up to a Pro-Finish® cabinet will normally expedite work, improve quality and eliminate the environmental problems associated with chemical finishing.

Built for production blasting, these rugged cabinets enable you to perform a long list of tasks ranging from blending surface flaws to removing foreign matter, such as carbon from pistons, without affecting tolerances. By simply varying air pressure and blast media, you can perform almost any surface-finishing job more quickly and precisely than with alternative methods.

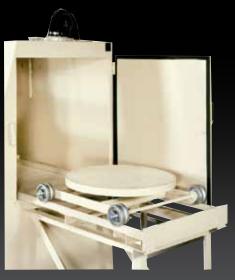Pro-Finish cabinets can be specified with either suction or pressure blast systems—a pressure system

being the preferred choice for faster production and more precise control of media at both high and low operating pressures. In addition, they are available in seven sizes and loaded with standard features that reduce operating and maintenance costs.

Modular design, plus an extensive range of factory options, lets you select a system that's just right for your applications.

For additional information about our extensive line of Pro-Finish blast cabinets, go to the next page, contact Empire or your local Empire distributor, and visit our web site at **www.empire-airblast.com**

Pro-Finish® Options

- **Turntables** facilitate handling of heavy parts. *(Manual turntable with dolly and outside platform shown to right.)*
- **Additional nozzles or guns** (up to a total of two nozzles with pressure and up to four guns with suction) automate the blasting process when synchronized with powered oscillators and turntables.
- **Rotating basket** with timer speeds processing of smaller parts.
- **Fixed-gun holder** with adjustable arm frees both operator hands for parts blasting.
- **Extended-wear options** prolong equipment life while minimizing maintenance and downtime. Options include: rubber curtains in black or white; window protectors; heavy-duty, media-conveying duct; and DiCarb® or boron nozzles. Reclaimers can be upgraded with replaceable wear plates and urethane or Ultrawear linings.
- **Automatic bag shaker** frees operator for other tasks with bag-house dust collectors.
- **Fully automatic photohelic controls** purge dust from cartridge-type collectors without operator assistance.
- **Rubber safety mats**, placed around Pro-Finish cabinets, keep the immediate work area clean and reduce operator fatigue.

Standard Features
- Rubber, cloth-lined gloves
- Ergonomic glove rings with operator armrests
- 90-watt spotlights
- Dust-off gun
- Pneumatic foot-treadle control
- 14" x 22" safety-glass window
- General purpose filter
- Leveling bolts
- OSHA door switch
- 14-gauge construction
- $3/16$" perforated floor with 1000-lb capacity
- Sure-Flo® media regulator (pressure systems)
- One-cubic-foot ASME pressure vessel (pressure systems)

General Specifications

Cabinet Model	2636	3648	3660	3674	4848	6060	7272
Interior Dimensions (DxWxH)*	26x36x30	36x48x36	36x60x36	36x74x36	48x48x36	60x60x44	72x72x62
Overall Dimensions, Cabinet Only (DxWxH)*	28x42x70	38x54x72	38x66x72	38x80x72	50x54x72	62x66x78	74x78x89
Door Opening (HxW)*	22x20	32x29	32x29	32x29	32x41	40x50	58x64
Standard Number of Doors	1	2	2	2	2	2	1
Ceramic Pressure Nozzle, Diameter	$3/16$"	$3/16$"	$3/16$"	$3/16$"	$3/16$"	$3/16$"	$3/16$"
Ceramic Suction Nozzle – Air Jet, Diameters	$5/16$" – $5/32$"	$5/16$" – $5/32$"	$5/16$" – $5/32$"	$5/16$" – $5/32$"	$5/16$" – $5/32$"	$5/16$" – $5/32$"	$5/16$" – $5/32$"
Pressure – Suction Piping, Diameters	1" – ½"	1" – ½"	1" – ½"	1" – ½"	1" – ½"	1" – ½"	1" – ½"
Reclaimer Ventilation Rate (CFM)	400 or 600	400 or 600	600 or 900	900	600 or 900	900	900 or 1200
Exhaust Fan Motor, Horsepower	1	1 or 1½	1½ or 2	2	1½ or 2	2	2 or 5

*Dimensions are nominal (inches).

Empire Air-Blast Products
- **A complete range of cabinets**
- **Robotic, turntable and in-line automation**
- **Blast rooms and blast booths**
- **Portable blasters**
- **A full line of parts and accessories**

NEVER USE SILICA SAND IN ANY EMPIRE EQUIPMENT

Information subject to change without notice.