

# Ergo-Blast Cabinets

- Reduce Operator Fatigue
- Extend Productive Working Hours



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

**Sound Dampener** quiets incoming air flow used to clean viewing window.

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

**Pilot-Operated Pressure Regulator** permits air-pressure control from the front of the cabinet.

**Adjustable, Padded Armrest** reduces operator fatigue and facilitates handling of parts.

**Safety Sills** prevent blast media from spilling into the working environment.

**Recessed Lower Panel** allows operator to blast from a seated position.

**Foot-Treadle Rest** adjusts for operator comfort.



Ergo-Blast cabinets accent the scope of Empire's Pro-Finish® line, the world's most rugged, reliable and versatile blast-cabinet system. By focusing on operator performance, Ergo-Blast cabinets give manufacturers an edge in many hands-on processes.

Designed for sit-down blasting, these ergonomic cabinets include a padded armrest, an elevated foot rest for treadle control, top-entry piping for less arm stress, a sound dampener to reduce noise and a front mounted pressure regulator — all aimed at improving operator comfort and performance during long, repetitive blast cycles.

In addition to supporting operators, Ergo-Blast cabinets include all Pro-Finish® features, such as a tunable media reclaimer which adjusts to recover a wide range of abrasives. You also have the choice of a pressure or suction blast system, three methods of dust collection, and many options to fit your specific application.

For more information about our Ergo-Blast cabinets, go to the next page, contact Empire or your local Empire distributor, and visit our web site at [www.empire-airblast.com](http://www.empire-airblast.com)



## General Specifications

Cabinet Model	ERGO 2636	ERGO 3648	ERGO 3660	ERGO 4848	ERGO 6060
Interior Dimensions (DxWxH)*	26 x 36 x 30	36 x 48 x 36	36 x 60 x 36	48 x 48 x 36	60 x 60 x 44
Overall Dimensions, Cabinet Only (DxWxH)*	28 x 42 x 70	38 x 54 x 72	38 x 66 x 72	50 x 54 x 72	62 x 66 x 78
Door Opening (HxW)*	22 x 20	32 x 29	32 x 29	32 x 41	40 x 50
Standard Number of Doors	1	2	2	2	2
Ceramic Pressure Nozzle, Diameter	3/16"	3/16"	3/16"	3/16"	3/16"
Silicon Carbide Pressure Nozzle, Diameter†	5/16"	5/16"	5/16"	5/16"	5/16"
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"
Pressure-Suction Piping, Diameter	1" – 1/2"	1" – 1/2"	1" – 1/2"	1" – 1/2"	1" – 1/2"
Reclaimer Ventilation Rate (CFM)	400 or 600	400 or 600	600 or 900	600 or 900	900
Exhaust Fan Motor, Horsepower	1	1 or 1 1/2	1 1/2 or 2	1 1/2 or 2	2

\*Dimensions are nominal (inches). †Standard on FaStrip® models

## Popular Options

- Cartridge & bag-house dust collectors capture 99% of all particles one micron or larger, normally permitting recirculation of air to the workplace
- 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 or lined with Ultrawear.
- 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 Ergo-Blast cabinets, keep the immediate work area clean and reduce operator fatigue.
- Turntables facilitate handling of heavy parts. (Manual turntable with dolly and outside platform shown below.)



## Standard Features

- Sit-down configuration
- Padded exterior armrest with swivel control
- Glove rings with interior armrests
- Elevated foot rest for control treadle
- Top-entry blast hose
- Front-mounted pressure regulator
- Media-catch trays underneath doors
- Kleensweep™ for improved visibility
- Sound attenuator
- Rubber, cloth-lined gloves
- 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)

## BEST WARRANTY IN THE INDUSTRY

Three-years limited on parts

## 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.

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ABRASIVE EQUIPMENT

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