

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



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 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 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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