



1006 Executive Blvd. • Chesapeake, VA 23320
Tel 757-548-4842 • 800-366-4341 • FAX 757-547-9597



#716028

Pre-Engineered Blast Booths

- Facilitate Customer Assembly
- Include a "Tunable" Media Reclaim System
- Simplify Safety & Environmental Compliance



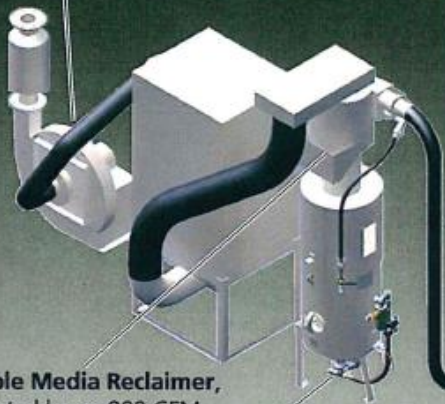
EMPIRE
ABRASIVE EQUIPMENT

Blast Ventilation System (BVS™) pulls fresh air through the enclosure and captures dust in rear-mounted cartridge collector.

Fluorescent Lighting, protected by clear lexan panels, enhances visibility and productivity.

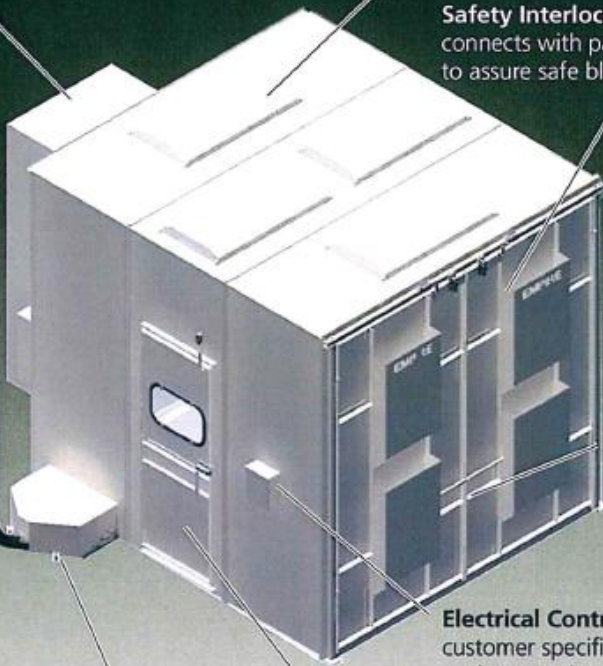
10-hp Blower recovers media, including A-12 Alox and G-25 steel grit, at rates exceeding 70 pounds per minute.

Safety Interlock Switch connects with panic hardware to assure safe blasting (OSHA).



Tunable Media Reclaimer, supported by an 800 CFM dust collector, improves results by controlling the size of media recycled to the blast process.

Sure-Flo® Valve regulates media flow from an ASME-approved pressure vessel with unbeatable (Patent # 4,518,145) precision and reliability.



Optional, Externally Mounted Media-Recovery Hopper expands internal work area.

Optional Man-Access Door, equipped with safety interlock, installs on either side of the booth.

Multiple Air Inlets promote even ventilation.

Electrical Controls, pre-wired to customer specifications in NEMA 12 enclosures, simplify hookup.



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Empire's Pre-Engineered Blast Booths (PEB) feature the essentials of blast rooms at a fraction of the cost. These ten-and-twelve-foot-high booths not only include the hardware required to strip large parts fast. They also reclaim media, remove dust and breathe fresh air into the work enclosure with Empire's exclusive Booth Ventilation System (BVS).

Available in five sizes (See specifications on back page.), these booths ship flat and can be assembled by three people using a forklift or scissor lift in as little as two days. Because the PEB bolts together and requires no excavation, it can be disassembled and set up at a new site in less than a week.

For many applications requiring strict environmental and safety compliance, Empire's Pre-Engineered Booths offer an attractive alternative to makeshift enclosures or higher priced blast rooms.

All PEB parts—ranging from the central blast and recovery system to pre-wired electrical connections and 14 gauge wall panels—come from Empire, where they have been engineered and built to work in harmony. This assures balanced performance between components and provides users with **a single source of responsibility** for overall system performance.

For additional information about our Pre-Engineered Blast Booths, go to the next page, contact Empire or your local Empire distributor, and visit our web site at **www.empire-airblast.com**





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CERTIFIED
SWaM Small, Women and Minority-Owned
Supplier Diversity Strengthens the Commonwealth
#716028

General Specifications

Standard Blast Enclosures 10 Feet High

- 10' wide x 10½' long
- 10' wide x 14' long
- 12' wide x 17½' long*
- 12' wide x 24½' long*
- 12' wide x 31½' long*
- 15' wide x 14' long
- 15' wide x 17½' long*
- 15' wide x 24½' long*
- 15' wide x 31½' long*

* Drive-through configuration available
(All 14-gauge, bolt-fastened, steel panels)

Standard Blast Enclosures 12 Feet High

- 12' wide x 10' long
- 12' wide x 14' long
- 12' wide x 17½' long*
- 12' wide x 24½' long*
- 12' wide x 31½' long*
- 15' wide x 14' long
- 15' wide x 17½' long*
- 15' wide x 24½' long*
- 15' wide x 31½' long*

Pressure Vessel

- SuperBlast® 350 or 650, ASME construction
- 780 remote controls with automatic Sure-Flo® grit valve
- 1¼" piping
- Capacity: 3.5 or 6.5 cubic feet
- Moisture separator/filter and choke feature
- Safety interlock solenoid

Blast Equipment

- Silicone-carbide, venturi nozzle
- 1"-ID x 25' or 50'-long, heavy-duty blast hose with couplings
- Saf-Stop II™ pneumatic blast-control handle
- 30' or 55' dual-line pneumatic control hose

Media Reclaimer

- Rugged, 11-gauge, welded-steel construction
- Tunable to various media sizes
- 800 CFM ventilation

Pressure Blower for Media Recovery

- 10 hp, 3450 RPM, 800 CFM (at 42" static pressure H₂O)
- 440-480 V, 60 Hz, fused disconnect

Dust Collector for Media Recovery

- 11-gauge, welded-steel, reinforced construction
- 189 ft² filtration through 30 cotton-sateen bags
- Large access door; raised clean-out door
- Push-button, pneumatic cleaning

Media Conveying Duct

- 4" ID x 25' long—Heavy-duty construction

Media Recovery Hopper

- 14-gauge, welded-steel construction
- Anti-clogging refuse screen
- 30" wide x 30" deep x 12" high

Media Storage Hopper

- 11-gauge, welded-steel construction
- Viewing window
- Capacity: 3.5 or 6.5 cubic feet

BV™ for Booth Ventilation

- 11-gauge, welded-steel, reinforced construction
- 1,500 ft² filtration with 6 cartridges
- Timer, pneumatic cleaning
- 10 hp blower; 230, 460, or 575 V; 60 Hz; fused disconnect

System Options

- Cartridge dust collector for media reclaim
- Automatic dust-cartridge cleaning (photohelic)
- Sound attenuators/dampers for dust collectors
- Externally replaceable wear plate for reclaimer
- Ultrawear reclaimer lining
- Wear-resistant rubber curtains for interior walls
- Pre-painted enclosure
- Rubber floor mats for access areas
- Extension kits
- Pit-mounted floor trough
- Drive-through and/or 60% crane-slot part loading
- Special factory modifications to meet your needs



Operator Safety Equipment (Optional)

- Air conditioner
- Air-fed helmet
- Carbon monoxide (CO) monitor
- Personal air filter
- Rugged canvas jacket and pants

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.

CALL US FOR FIRM PRICING 757 548-4842 OR 800 366-4341