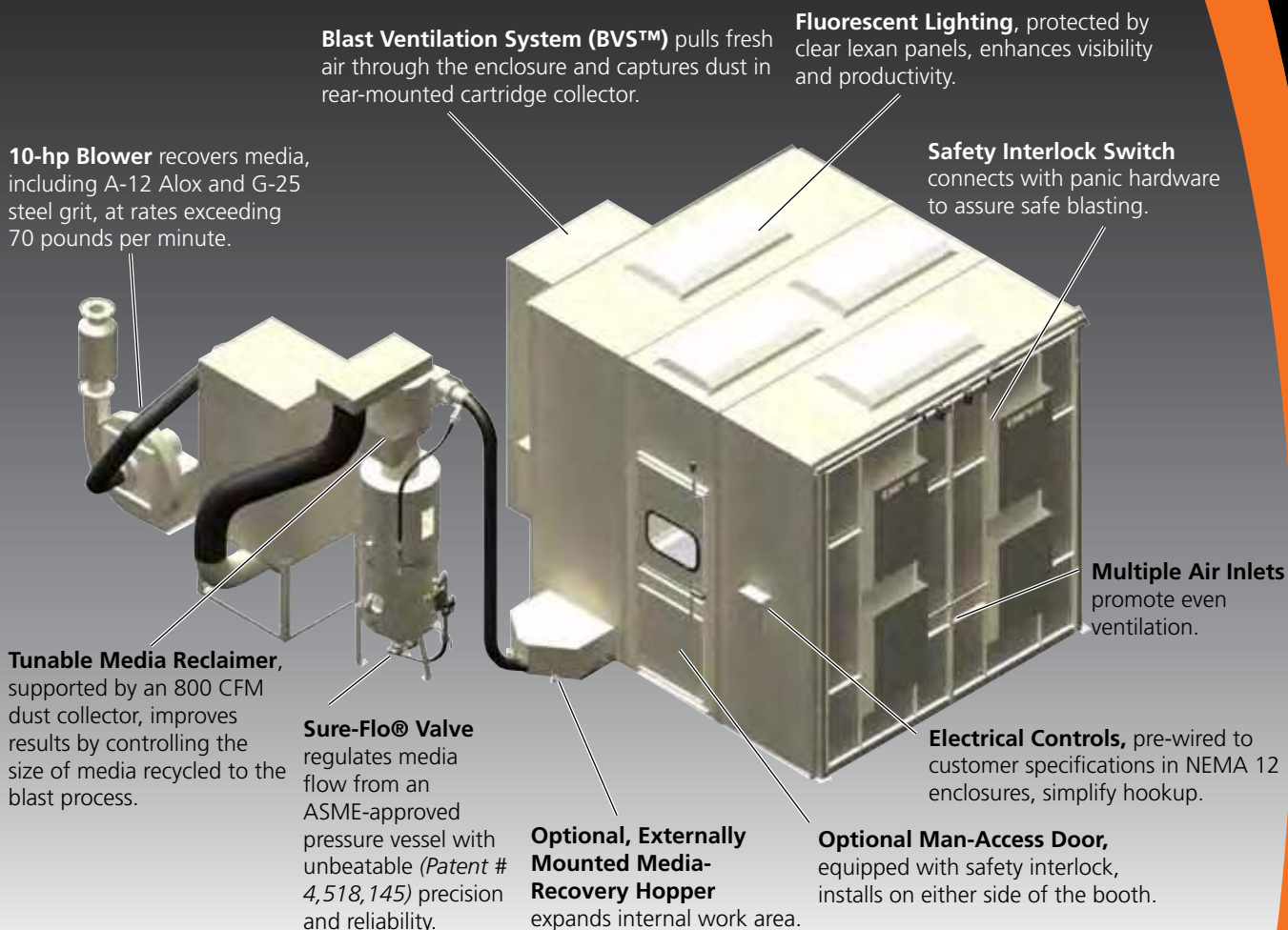


# Pre-Engineered Blast Booths

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



Empire’s Pre-Engineered Blast Booths (PEB) feature the essentials of blast rooms at a fraction of the cost. These ten-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 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](http://www.empire-airblast.com)

## General Specifications

### Standard Blast Enclosures

- 10' wide x 10' long x 10' high
- 10' wide x 14' long x 10' high
- 12' wide x 17' long x 10' high
- 12' wide x 24' long x 10' high
- 12' wide x 31' long x 10' high
- 14-gauge, bolt-fastened, steel panels

### 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 H<sub>2</sub>O)
- 440-480 V, 60 Hz, fused disconnect

### Dust Collector for Media Recovery

- 11-gauge, welded-steel, reinforced construction
- 189 ft<sup>2</sup> 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

### BVS™ for Booth Ventilation

- 11-gauge, welded-steel, reinforced construction
- 1,500 ft<sup>2</sup> filtration with 6 cartridges
- Push-button, pneumatic cleaning
- 10 hp blower; 230, 460, or 575 V; 60 Hz; fused disconnect

## System Options

- Cartridge dust collector
- 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



## 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.



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