

Affordable, Effective & Durable

Blast Rooms

Blast & Wash Systems provides standard size blast rooms or custom designed to meet your unique production and dimensional requirements.



Blast Room Types

Pre-Engineered Pneumatic (PEB) Blast Rooms

For applications requiring strict environmental and safety compliance, PEB booths offer an attractive alternative to makeshift enclosures or higher priced custom blast rooms. You can choose from a list of standard booth options, dust collection, blast and reclaim systems along with operator safety equipment. They can ship in 6-8 weeks, half the time of a custom engineered system.



Pneumatic recovery blast rooms - Galvanized steel

Pneumatic sweep in and trough recovery blast rooms convey media using controlled high velocity air flow and ducting. Pneumatic reclaim blast booths are used for:

- Lighter abrasives- Glass beads, plastic media & aluminum oxide
- Medium to light duty blasting
- Reduced concrete/foundation work
- Lower cost compared to mechanical auger systems



Mechanical recovery blast rooms

Mechanical blast rooms are built with heavy 10-gauge steel & physically move abrasive using augers and a bucket elevator for reclaiming/reusing.

Mechanical recovery blast rooms will often be the better choice for heavy duty, full day production & heavy abrasive blasting. A full range of light weight abrasives can be used in the auger reclaim system. Typically, users prefer carbon steel, zinc, or stainless-steel shot and grit media.



Abrasive Cleaning & Reclaim Systems

Reclaim or recovery systems reuse abrasive multiple times saving the user time and money. With this recovery process, the abrasive is cleaned by air classification known as an “air wash system”.

Pneumatic reclaim systems are available with sweep in, perimeter or full floor vacuum systems. Sweep in reclaim systems are designed for low to moderate blasting operations.



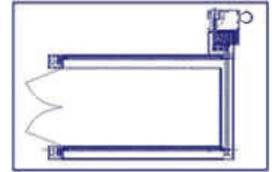
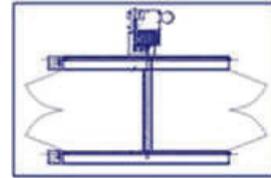
Perimeter or full floor systems consists of modular recovery channels installed either above the floor or into the floor (requires concrete work). There are several configurations available.

Mechanical Reclaim systems are available in sweep in, single auger, H or U style augers, or full floor auger systems.

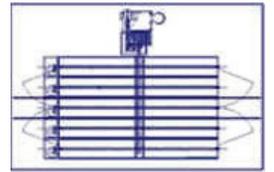
Single auger systems typically run the length or width of the blast booth. This system is designed for low to moderate blasting operations with booths too large for sweep in. When compared to the sweep in system, the one auger system will substantially save man hours in sweeping.



H or U style systems are designed for moderate to high blasting demands. These systems can catch the majority of the abrasive due to the reclaim design/layout. This provides a significant reduction of man hours required sweeping media.



Full floor reclaim systems are designed for high production operations where they customer has no time to move abrasive to a central location. This system allows all of the abrasive to drop in to the auger troughs and be augered to the elevator recovery system.



Contact us and we'll design a blast room system for your manufacturing needs!

