



# ABRASIVE BLAST ROOMS



**MOD-U-BLAST**®

POWERED BY

**ALLREDI**™

## BLAST ROOM FEATURES

### BUCKET ELEVATOR

Powered by a 1-1/2 HP motor, the bucket elevator is belt driven and operates on two large steel pulleys. It carries media from the loading hopper to the air wash. Also features a viewing window.

### AIR WASH CLASSIFIER

Tunable air wash classifier with rotating screen adjustable for most recyclable medias. Comes complete with 1/2 HP motor.

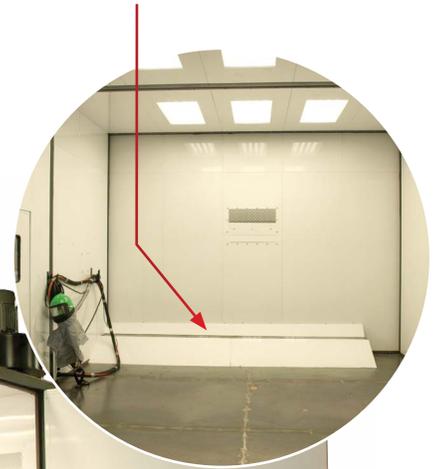


### CONTROL PANEL

External electric control panel – complete with 12 volt controls to Blast System.

### SWEEP-IN SYSTEM

Above floor mechanical recovery sweep-in system shown in photo



### STORAGE HOPPER

40 cubic feet media storage hopper with butterfly valve.

### BLAST POT

Abrasive Blast Pot – Model: MBM-6.5SRE – complete with custom spider / lid assembly and high flow regulator

### HOSE MANIFOLD

Hose manifold to handle blast hose, remote line, breathing line, and blow off air hose.

### MAN DOOR

One external man door on either side of the blast room, with heavy duty door latch kit with striker and safety viewing window.

## ADDITIONAL FEATURES

- All doors are equipped with safety interlocks to de-activate the blast when the door is opened
- Panels constructed out of 10 gauge steel, powder coated white on interior and exterior
- Mounted Radex air purifier (Optional)

## MEDIA RECOVERY OPTIONS

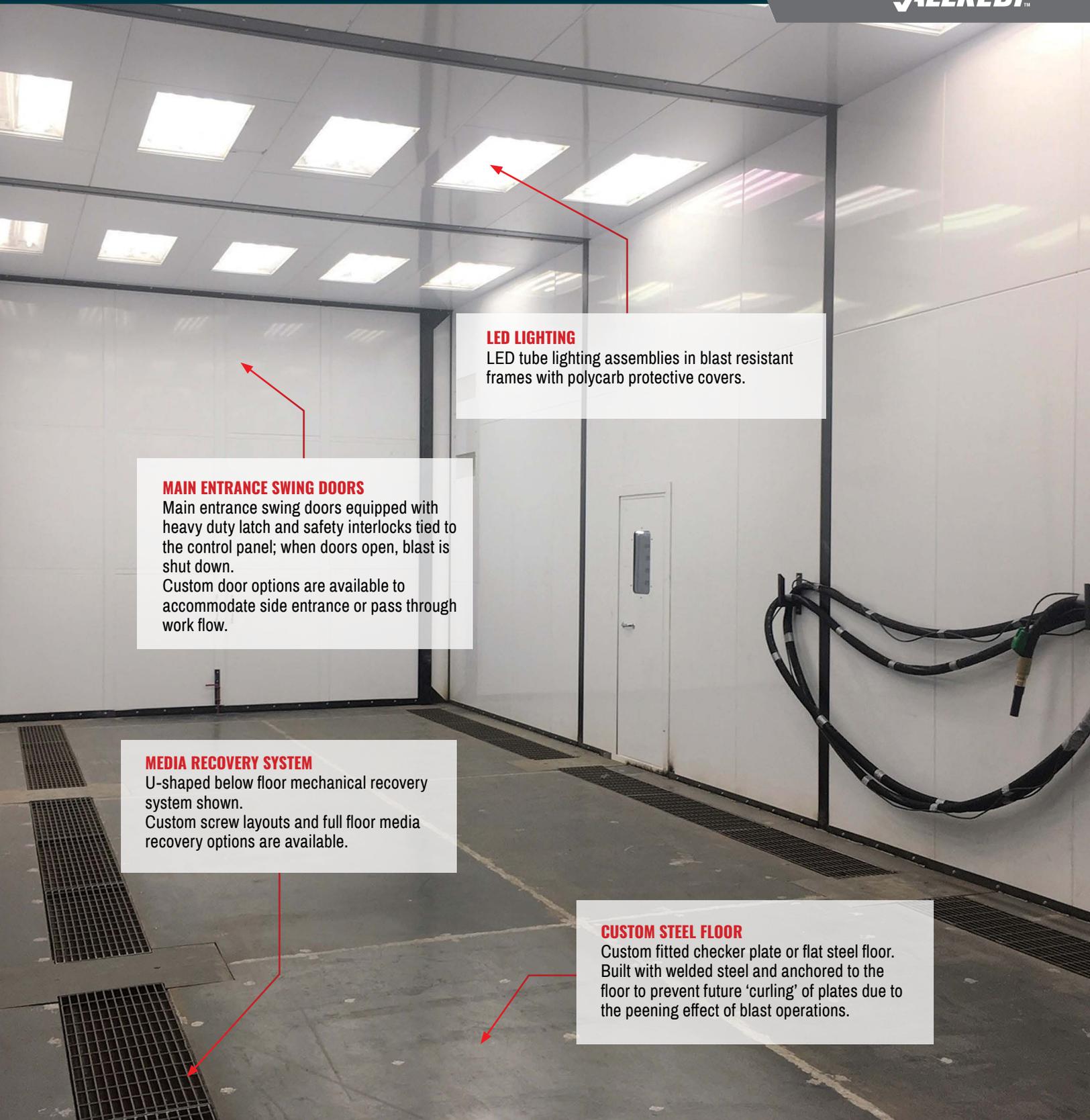
- Below Floor (Pneumatic)
- Above Floor (Pneumatic)
- Below Floor (Mechanical)
- Above Floor (Mechanical)

*\*Custom sizes available*

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## LED LIGHTING

LED tube lighting assemblies in blast resistant frames with polycarb protective covers.

## MAIN ENTRANCE SWING DOORS

Main entrance swing doors equipped with heavy duty latch and safety interlocks tied to the control panel; when doors open, blast is shut down. Custom door options are available to accommodate side entrance or pass through work flow.

## MEDIA RECOVERY SYSTEM

U-shaped below floor mechanical recovery system shown. Custom screw layouts and full floor media recovery options are available.

## CUSTOM STEEL FLOOR

Custom fitted checker plate or flat steel floor. Built with welded steel and anchored to the floor to prevent future 'curling' of plates due to the peening effect of blast operations.

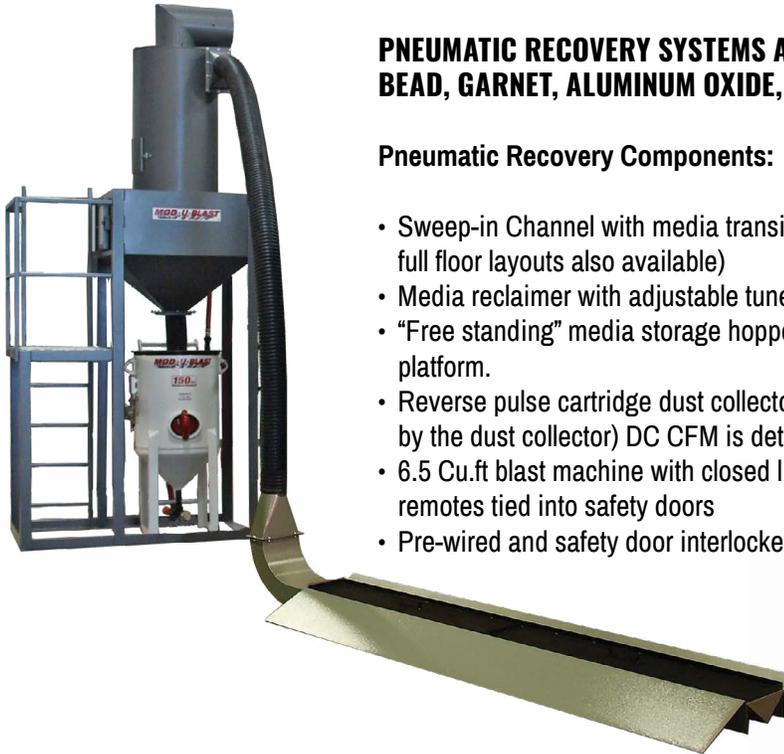
## MEDIA RECOVERY SYSTEMS

### PNEUMATIC RECOVERY SYSTEMS

**PNEUMATIC RECOVERY SYSTEMS ARE RECOMMENDED FOR USE WITH 10X, GLASS BEAD, GARNET, ALUMINUM OXIDE, PLASTIC AND WALNUT SHELL**

#### Pneumatic Recovery Components:

- Sweep-in Channel with media transition elbow and screen. (Located above or below floor, full floor layouts also available)
- Media reclaimer with adjustable tuner, wear plate and screen
- “Free standing” media storage hopper with butterfly valve, site glass and maintenance platform.
- Reverse pulse cartridge dust collector. (Reclaimer filtration and media pick-up is generated by the dust collector) DC CFM is determined by the room size
- 6.5 Cu.ft blast machine with closed lid/spider assembly, high flow regulator and safety remotes tied into safety doors
- Pre-wired and safety door interlocked NEMA 4 electrical control panel



### MECHANICAL RECOVERY SYSTEMS

**MECHANICAL RECOVERY SYSTEMS ARE USED FOR QUICKER RECOVERY (FOR USE WITH ALL REUSABLE MEDIAS INCLUDING STEEL GRIT & SHOT)**

#### Mechanical Recovery Components:

- Screw assembly with adjustable shed plate and screen (Grating required on below floor) (Full floor, H-Shaped, U-Shaped, Single Screw layouts available)
- Bucket elevator assembly, including steel buckets, 1/2" thick heavy duty belting
- Gravity type air wash separator with perforated plate rotary drum assembly
- “Free standing” abrasive hopper with required support steel and slide gate
- 6.5 Cu.ft. blast machine with closed lid/spider assembly, high flow regulator and safety remotes tied into safety doors
- Pre-wired and safety door interlocked NEMA 4 electrical control panel



## DUST COLLECTION

An essential component to the blast room system, dust collectors provide reclaim filtration, media pick-up (pneumatic systems only) and ensure blasting operators have great visibility while also removing contaminants from the air.



Mod-U-Blast® reverse pulse cartridge dual collectors are available from 300 CFM to 12,000CFM. They provide optimum clean air environments for blast cabinets and blast rooms. Reverse pulse collectors feature high efficiency, 280 pleated filter cartridges.

- Top mount blower assembly with motor
- Pleated cartridges (air to cloth ratio: 2.27:1, 226.6 sq.ft per cartridge)
- Control panel with auto-timed reverse pulse cleaning (clean/dry air required, 90 psi @ 18-20CFM)
- Slide gate valve package



**3000 CFM  
DUST COLLECTOR**



**6000 CFM  
DUST COLLECTOR**



**9000 CFM DUST  
COLLECTOR**



**12000 CFM DUST  
COLLECTOR**



*Custom sizes available*

## BLAST ROOM OPTIONS



### CUSTOM DOORS

Custom door options are available to accommodate side entrance or pass-through work flow



### CRANE SLOT

Customize your blast room with a crane slot. Equipped with a nylon brushes.



### ADDITIONAL BLAST POT / STORAGE HOPPER UPGRADE

Includes:

- 6.5 Normally open Blast Pot Assembly
- 40 cu.ft dual outlet media storage hopper for use with (2)6.5 cu.ft blast machines.

\*Custom storage hopper sizes available



### CUSTOM WORK CART ASSEMBLY

Custom work cart assembly. Complete with track system



### OPERATOR ACCESSORY PACKAGES



### GX4 GAS MONITOR

# 408400-02 GX4 Gas Monitor w/CO Cartridge  
5 ppm:



### HEPA RETURN FILTER

HEPA Filter, 99% Particulate Removal Efficiency



### DUST COLLECTOR SILENCER

Reduce noise tone levels with Mod-U-Blast's muffler add-on.



### INSTALLATION OPTION AVAILABLE

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**INCREASE YOUR BLASTING PRODUCTION WITH AN ADVANCED CUSTOM ENGINEERED BLAST ROOM SOLUTION. ALLREDI IS A LEADING MANUFACTURER WITH DECADES OF EXPERIENCE OPTIMIZING BLASTING PROCESSES.**

# ✓ ALLREDI™



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