

ABRASIVE BLAST ROOMS

MOD-U-BLAST®

POWERED BY ALLREDI™

Literature #ABR2511

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ABRASIVE BLAST ROOMS



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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 deactivate 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.

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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



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/// DUST COLLECTION

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

REVERSE PULSE

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



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BLAST ROOM OPTIONS



Roll up style shown

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



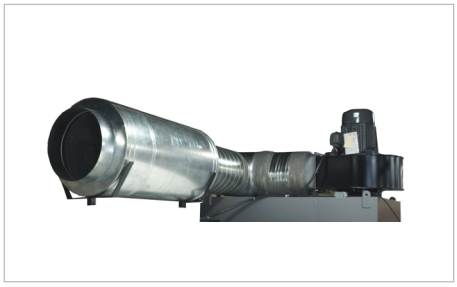
OPERATOR ACCESSORY PACKAGES



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.

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INSTALLATION OPTION AVAILABLE

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ALLREDI™

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

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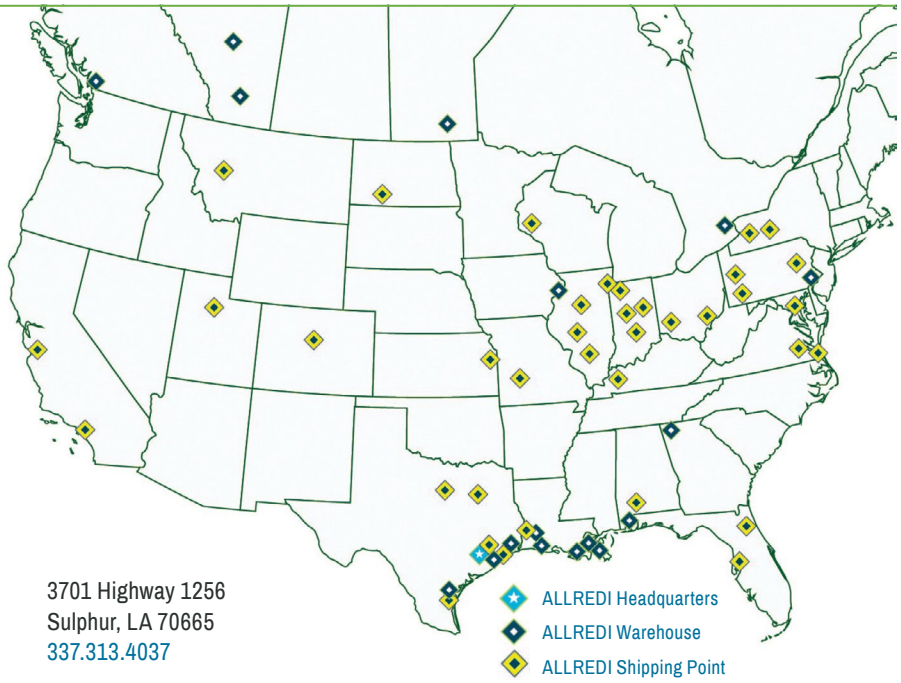
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THE ALLREDI DIFFERENCE

We're committed to improving the lives of industrial professionals. Our products are designed with your needs in mind, and we value your feedback every step of the way.



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