



ABRASIVE BLAST CANS



MOD-U-BLAST®

POWERED BY

ALLREDI™

MOD-U-BLAST BLASTCANS ARE AVAILABLE IN THREE STANDARD SIZES: 10'L, 20'L, OR 40'L

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MOD-U-BLAST® BLASTCAN FEATURES

MEDIA RECLAIMER

Precision engineered and designed, the Mod-U-Blast media cyclone reclaimer delivers separation of blast media, oversized foreign matter, and dust.

STORAGE HOPPER

20 cubic feet media storage hopper with slide gate butterfly valve, site glass and maintenance platform.

BLASTCAN

20'L x 8.5'W x 8.5'H Blast Can with Pneumatic Recovery System shown below

CONTROL PANEL

External Electric Control Panel – complete with 12 Volt controls to blast system, emergency stop button, motor starter for DC and light control

BLAST POT

6.5 Cu. ft. blast pot assembly with closed lid/spider assembly, high flow regulator and safety remotes tied into safety doors through control panel.

HOSE MANIFOLD

Custom inlet manifold for all hoses, 12v remotes and blow off lance assembly.

MAN DOOR

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

ADDITIONAL FEATURES

- All doors are equipped with safety interlocks to de-activate the blast when the door is opened
- Main entrance swing doors
- Mounted Radex air purifier (optional)
- Blow off lance assembly
- Aluminum siding with flashing (Custom colours available)

MEDIA RECOVERY OPTIONS

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

**Custom sizes available*

PUCK BOARD LINING

1/2" ship lapped puck board lining on internal walls. Improves air flow through blast area, increases lighting and decreases noise).

LED LIGHTING

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

INTAKE / EXHAUST PLENUMS

Provides airflow/visibility throughout the blastcan.

MEDIA RECOVERY SYSTEM

Below floor pneumatic recovery system illustrated in photo.

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 floor, below floor or recessed in rear wall)
- 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)
- 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:

- Cross screw assembly with adjustable deflector plate and screen (Located above floor, below floor or recessed in rear wall)
- 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 reclaimer 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**



**4000 CFM
DUST COLLECTOR**



**6000 CFM
DUST COLLECTOR**



Blastcan Dust Collectors - Custom sizes are available

BLASTCAN OPTIONS



CUSTOM WORK CART ASSEMBLY

Custom work cart assembly. Complete with track system



OPERATOR ACCESSORY PACKAGES

Blast hose with couplings, tungsten carbide blast nozzle (specify size), 50' breathing line, respirator with package of spare lenses, gasket / washer kit, radex air purifier, nylon blast suit with blast gloves (Custom packages available)



GX4 GAS MONITOR

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.



CUSTOM OPTIONS AVAILABLE

Increase your blasting production with an advanced custom engineered blast can solution. Allredi is a leading manufacturer with decades of experience optimizing blasting processes.

BLASTCANS

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