

ABRASIVE BLASTCANS

MOD-U-BLAST®

POWERED BY ALLREDI™

Literature #BC2511

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ABRASIVE BLASTCANS



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/// MOD-U-BLAST® BLASTCAN FEATURES

BLASTCAN MOD-U-BLAST

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

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.

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 colors available)

MEDIA RECOVERY OPTIONS
Below Floor (Pneumatic)
Above Floor (Pneumatic)
Below Floor (Mechanical)
Above Floor (Mechanical)

**Custom sizes available*

U.S. ▸ 1.800.252.7848 | CANADA ▸ 1.800.661.3842
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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.

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

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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 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



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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

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

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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 blastcan solution. Allredi is a leading manufacturer with decades of experience optimizing blasting processes.

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SALESCA@ALLREDI.COM

WWW.ALLREDI.COM

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/// ALLREDI LOCATIONS

US LOCATIONS
1.800.252.7848

ALABAMA
5445 Business Parkway
Theodore, AL 36582
251.338.7525

GEORGIA
2221 Northmont Parkway
Suite 200
Duluth, GA 30096
770.938.7263

IOWA
3425 East Locust Street
Davenport, IA 52803
563.324.2519

PENNSYLVANIA
2100 Frost Road
Suite 200
Bristol, PA 19007
215.826.8080

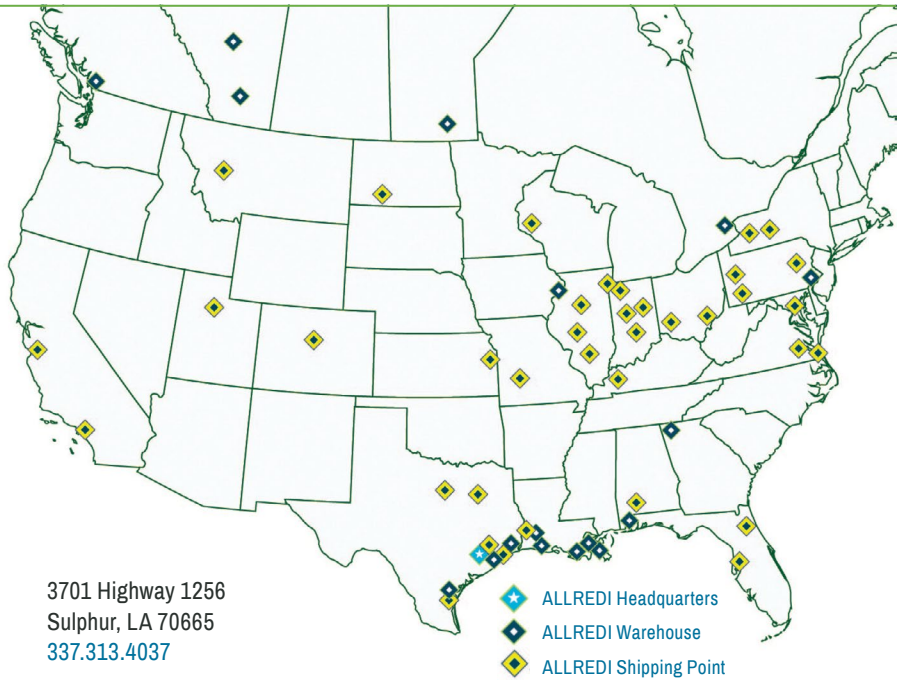
LOUISIANA
10387 Airline Hwy
Gonzales, LA 70737
225.647.7575

2020 Grand Caillou Road
Houma, LA 70363
985.580.4273

350 Grefer Lane
Harvey, LA 70058
504.367.8090

117 Zonolite Street
Lafayette, LA 70508
337.267.1440

3701 Highway 1256
Sulphur, LA 70665
337.313.4037



TEXAS (HQ)
3009 Pasadena Frwy, 100
Pasadena, TX 77503
281.930.0808

4920 Ward Drive
Beaumont, TX 77705
409.722.1284

701 East Blvd
Deer Park, TX 77536
281.930.0905

5626 Park PID Road
Corpus Christi, TX 78406
361.887.2038

CANADA LOCATIONS
1.800.661.3842

ALBERTA
6602 45 ST
Leduc, AB T9E 7C9
780.468.2588

Unit #118 3442 118 Ave SE
Calgary, AB T2Z 3X1
403.279.1924

BRITISH COLUMBIA
101A-81 Golden Dr
Coquitlam, BC V3K 6R2
604.464.6979

MANITOBA
88 De Baets St
Winnipeg, MB R2J 3S9
204.256.3324

ONTARIO
500 Sherman Ave N
Hamilton, ON L8N 3N9
905.527.6000

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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