P-SERIES

MOD·U·BLAST

PRESSURE BLAST CABINETS



MOD-U-BLAST®

POWERED BY ALLREDI™

Literature #P2511

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PRESSURE SERIES
BLAST CABINETS



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/// P-SERIES PERFORMANCE

HIGH PRODUCTION

The Mod-U-Blast® "P Series" Pressure Dry Blast Cabinets are engineered for maximum production (3 to 4 times faster than standard suction blasting - "S Series"). Mod-U-Blast® Pressure Cabinets are equipped with a pneumatic valve for optimum safety and blast media flow, direction and velocity (foot pedal operated). Pressure systems give the control needed to clean at gentle pressures (10 to 20 PSI) or aggressive cleaning as high as 110 PSI. Minimum pressure with Suction Systems is 30 to 40 PSI.



Model P4848-92C, high production blast cabinet c/w 900 CFM reclaimer stand, 900 CFM reverse pulse dust collector and turntable and track assembly shown.

QUALITY

- All Mod-U-Blast® P-Series cabinets are constructed with heavy duty 14 gauge steel, external lighting system, safety glass viewing window, and overlapping positive tension doors.
- With Mod-U-Blast's exclusive modular design it becomes easy to choose the system that best suits your budget and your specific blast cleaning application.
- Ten (10) standard sizes available (Custom sizes available upon request).
- All systems can be easily upgraded at any date with Mod-U-Blast's adaptable production upgrade kits.
- Perforated steel floors come standard - no expanded metal.

ELECTRICAL REQUIREMENTS

CFM	HORSE POWER	PHASE / AMPS REQUIRED
300	1/2 H.P.	1-Phase / 7 Amps
600	1 H.P.	1-Phase / 14 Amps
900	2 H.P.	1-Phase / 20 Amps
1200	5 H.P.	3-Phase / customer Specified

AIR REQUIREMENTS

NOZZLE	BORE SIZE	CFM@80PSI
2	1/8"	18
3 (standard)	3/16"	39
4	1/4"	69
5	5/16"	115
6	3/8"	160

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EFFICIENCY

MEDIA RECLAIMER:
Precision engineered and designed, the Mod-U-Blast® media cyclone reclaimer delivers separation of blast media, oversized foreign matter, and dust. Equipped with replaceable wear plate for reduced long term maintenance costs.

****Available as an upgrade kit for cabinets without reclaimers.****
****Cabinet work area determines reclaimer size.****

METERING / REMOTE SYSTEM:
The Mod-U-Blast® pressure cabinets come standard with an M-Valve metering valve for defined efficiency. This valve allows for the fine-tuning of the flow of media to the mixing point where the abrasive meets the air flow. All pressure cabinets come equipped with an auto-air valve/blow down system that is controlled by a foot controlled pedal. Once the foot pedal is activated, the auto-air valve opens and the blow down valve closes pressurizing the blast vessel to the pre-regulated blast pressure that will start the blast cycle. Once the foot pedal is released, the process reverses and the blast vessel blows down into the rubber lined hopper of the blast cabinet.



0.7 cu.ft. blast pot with 600 CFM reclaimer

1.0 cu.ft blast pot with
900 CFM reclaimer

3.5 cu.ft blast pot with 1200 CFM reclaimer
For use with 900 CFM reclaimers or bigger

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P-SERIES STANDARD FEATURES



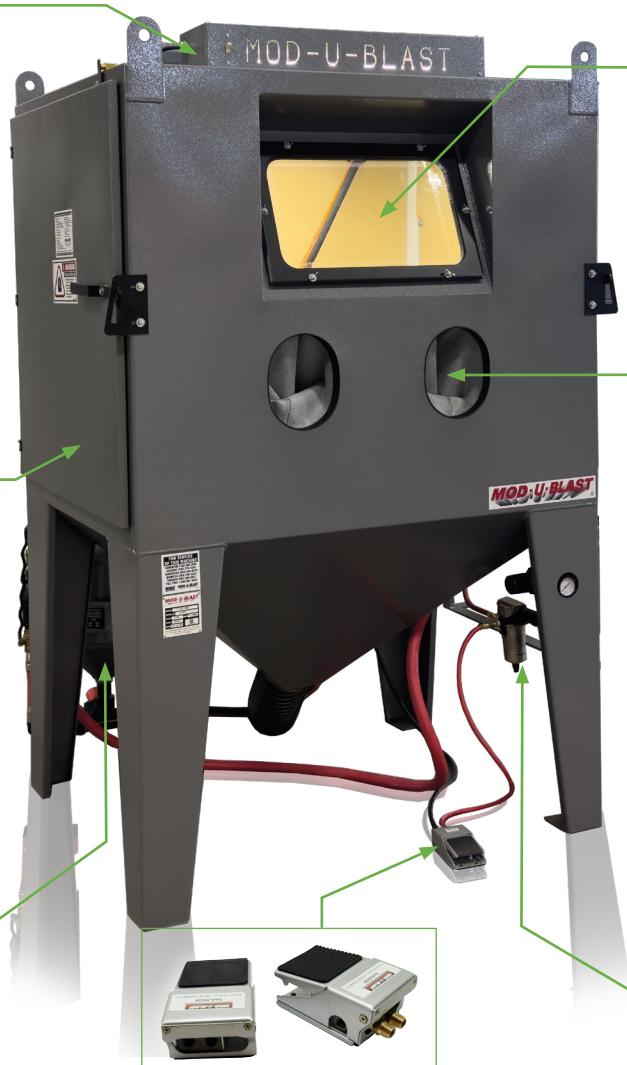
LIGHTING SYSTEM
External LED lighting system features 2 - 24" tubes in cabinets that are less than 36" in depth, and a dual-fixture system with 4-24" tubes in cabinets 36" or larger in depth.



CONSTRUCTION
- 14 gauge one piece steel construction
- Powder coated white interior cabinet and hammertone grey exterior for durability
- Uses overlapping positive tension doors with adjustable hand latch system.



METERING / REMOTE SYSTEM
• 0.7 Cu. Ft or 1 Cu. Ft. pressure pot • Micro Valve • Auto Air Valve • Dump Valve • Safety Relief Valve





SAFETY GLASS WINDOW
Quick change safety glass window with replaceable protector and trim-Lok window seal.



NATURAL RUBBER GLOVES
High puncture and snag resistance natural rubber glove with a sewn nitrile.

ADDITIONAL FEATURES
- Adjustable air intakes for clear visibility
- Safety door shut-offs
- Cabinets are 100% modular and fully upgradable
- High pure gum content abrasive blast hose

PNEUMATIC FOOT PEDAL



MOISTURE SEPARATOR, REGULATOR & GAUGE CONTROL PANEL



STANDARD WORKING CHAMBER DIMENSIONS (W" X D" X H")

- 30"W x 26"D x 40"H
- 36"W x 26"D x 40"H
- 36"W x 36"D x 40"H
- 48"W x 36"D x 40"H
- 48"W x 48"D x 40"H
- 60"W x 36"D x 40"H
- 60"W x 48"D x 40"H
- 60"W x 60"D x 40"H

• Custom sizes and multiple work stations are available

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LIGHTING SYSTEM
External LED lighting system features 2 - 24" tubes in cabinets that are less than 36" in depth, and a dual-fixture system with 4-24" tubes in cabinets 36" or larger in depth

SAFETY GLASS WINDOW
Quick change safety glass window with replaceable protector and trim-Lok window seal.

NATURAL RUBBER GLOVES
High puncture and snag resistance natural rubber glove with a sewn nitrile.

PERFORATED STEEL FLOORING
Enable debris, dust, and other materials generated during the blasting operation to fall through, keeping the work area cleaner.

BLAST NOZZLE 3/16"

AIR BLOW OFF GUN

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/// DUST COLLECTION

MULTI-BAG DRY FILTER CABINETS

- Mod-U-Blast® multi-bag dust filter cabinets incorporate either 15, 25, 40 or 50 (300, 600, 900 and 1200 CFM) cotton sock type filter bags which are tightly mounted into steel housings (top and bottom). Clean air is returned to the outside of the louvered panel door and dust and dirt are contained in bottom.
- Manual Shaker is used to clean dust socks at intervals. Air volume damper control is also standard on all Mod-U-Blast® filter cabinets. Also available as upgrade kit for machines with dust bag only. Recommended for more frequent use, high production.
- Dust is collected either in a drawer or a hopper with clean-out hatch. The hopper style is recommended and standard configuration unless there is a height restriction. If you require low-profile, the drawer style is available.



600 CFM model (low profile)

600 CFM model (hopper style)

REVERSE PULSE CARTRIDGE DUST COLLECTION

- Mod-U-Blast® reverse pulse cartridge dual collectors are available from 300 CFM to 12000 CFM. They provide optimum clean air environments for blast cabinets, booths and blast rooms. Reverse pulse collectors feature efficiency 280 pleated filter cartridges.
- All models come standard with auto-pulse controls. Hopper discharge is standard with all reverse pulse collectors.
- Low profile models also available.



600 CFM model

/// P-SERIES CABINET OPTIONS

Upgrade kits and options are also available to increase the production, efficiency and wear ability of Mod-U-Blast pressure series blast cabinets and are listed below:

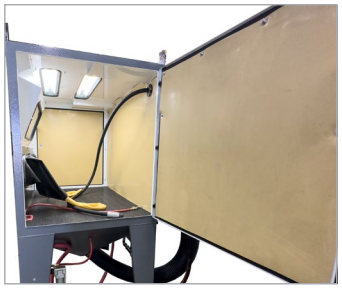
TURNTABLES & TRACK SYSTEMS

Available with inside and/or outside track assembly or as set-in turntable only. Standard turntables hold up to 700 lbs, custom turntables hold up to 2000 lbs. Mod-U-Blast® turntable systems will increase worker convenience, comfort and productivity while decreasing glove wear, hand injuries and overall operator fatigue. Ideal for blast cleaning larger, heavier components. May be furnished for one (1) or both (2) sides of the blast cabinet.



*Custom sizing available.

WEAR KITS



Wear kits are available for all machine sizes. This option is recommended when harsh blast media is being used, eg: aluminum oxide. A cabinet wear kit will extend the life of any machine regardless of the media being used. Each wear kit includes: 1/16” Natural gum draping on sides and back of cabinet, H.D. rubber lined return hose, and tungsten carbide blast nozzle.

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PASS THROUGH KITS



Custom pass through kits available for new or existing cabinets.

ROLLING CARTS



Save time and discomfort blasting pipe with Mod-U-Blast® pipe rolling carts.

HEPA RETURN FILTER



Available with reverse pulse Cartridge dust collector models. 99.99% particulate removal efficiency.

CABINET LIFT KIT (0 TO 12")



Decrease operator fatigue with a cabinet lift kit. Hydraulic rams will be mounted on the inside of the legs on new units.

CUSTOM PRESSURE SERIES BLAST CABINETS - ENGINEERED FOR YOUR APPLICATION

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



Custom (60"W x 60"D x 40"H) pressure cabinet with H.D. turntable built on door



Custom (60"W x 60"D x 52"H) pressure cabinet with dual vertical doors & auto rotating turntables

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Custom (36”W x 36”D x 44”H) automated pressure cabinet with traversing blast arm and adjustable blast gun assemblies



Custom (72”W x 72”D x 40”H) pressure cabinet with notched style door and 60” H.D. turntable



Custom (50”W x 50”D x 48”H) pressure cabinet with custom pass through, internal/external track system and pipe rolling carts



Custom (96”W x 36”D x 40”H) pressure cabinet with two work stations



Custom ID pipe blasting system w/ spin blast lance system, floor mounted track assembly, and mechanical recovery system



Custom (60”W x 60”D x 40”H) pressure cabinet with front access swing door and pass through

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