PSS SERIES
MOD-U-BLAST

DIRECT PRESSURE SHOT BLAST CABINETS



MOD-U-BLAST®

POWERED BY ALLREDI™

Literature #PSS2511

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DIRECT PRESSURE SHOT
PRESSURE CABINETS



ALLREDI™

/// PSS-SERIES PERFORMANCE AND STANDARD FEATURES

PSS-Series machines are built to withstand the rigors of heavy blast media. Sprayed with line x coating, this machine is the right solution for any peening application whether for stress relief, oil retention, cleaning or finishing purposes.

The pressure vessel is positioned below the feed hopper because heavy media cannot be picked up by using pneumatic reclaimers. Media drops directly into the pot, through an appropriately sized screen for re-use. The Mod-U-Blast® 300, 600, or 900 blower/ separator assembly removes dust and maintains optimum visibility in the cabinet.



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



CONSTRUCTION
12 gauge one piece steel construction
Mod-U-Blast® uses overlapping positive tension doors with adjustable hand latch system.



METERING / REMOTE SYSTEM
0.9 Cu.ft. flanged pressure pot strategically mounted below feed hopper. • M-Valve metering valve • Auto air valve • Dump valve • Safety relief valve



PNEUMATIC FOOT PEDAL



LIGHTING SYSTEM
Mod-U-Blast's 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

ADDITIONAL FEATURES
- Adjustable air intakes for clear visibility
- Safety door shut-offs
- Cabinets are 100% modular and fully upgradeable
- High pure gum content abrasive blast hose
- Perforated steel flooring
- Operator step-up platform (For units bigger than 48")



MOISTURE SEPARATOR, REGULATOR & GAUGE CONTROL PANEL



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

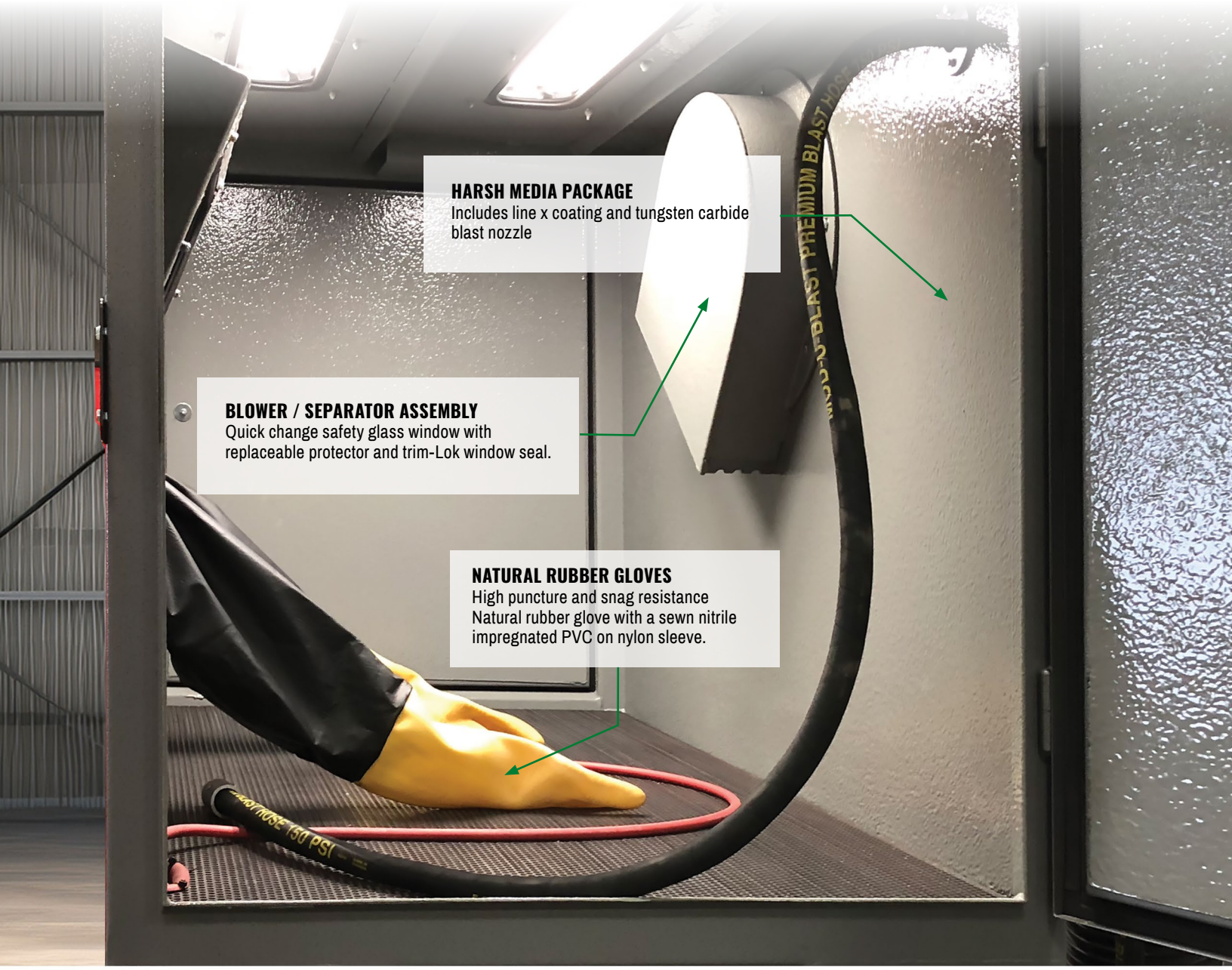
- 36"W x 36"D x 40"H
- 48"W x 36"D x 40"H
- 48"W x 48"D x 40"H
- 60"W x 36"D x 40"H
- Custom sizes and multiple work stations are available

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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
3 (standard)	3/16”	40
4	1/4”	68
5	5/16”	114

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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

/// PSS-SERIES CABINET OPTIONS

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

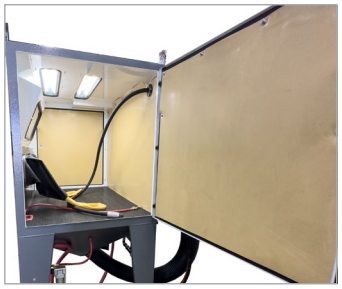
TURNTABLES & TRACK SYSTEMS

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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/// PSS-SERIES CABINET OPTIONS

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

H.D. DESICCANT INLINE AIR DRYERS



These single tower desiccant air dryers contain two highly efficient polypropylene coalescer elements at inlet & outlet ports to absorb oil and solid air particles. Also included, one large desiccant bag specifically designed to absorb moisture and condensation from your compressed air system.

CUSTOM PSS 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 direct pressure cabinet with two work stations, vertical door, external track system and pipe rolling cart.



Custom direct pressure cabinet with 3 work stations, external track system, pipe pass through and pipe rolling cart.

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FULL RANGE OF ABRASIVE BLAST CABINETS FOR ALL YOUR PRODUCTION REQUIREMENTS



PMB-SERIES

PLASTIC/LIGHT MEDIA BLAST CABINETS

PSS-SERIES

DIRECT PRESSURE SHOT BLAST CABINETS

S-SERIES

SUCTION DRY BLAST CABINETS

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P-SERIES

HIGH PRODUCTION PRESSURE
BLAST CABINETS

E-SERIES

ECONOMY SUCTION DRY
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MSB-SERIES

WET BLAST CABINETS

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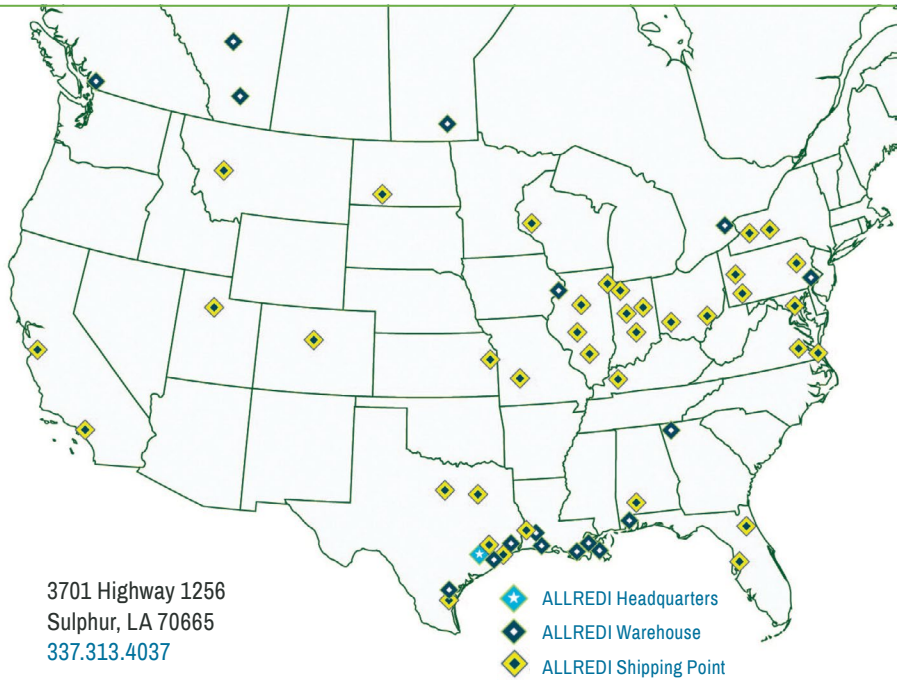
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THE ALLREDI DIFFERENCE

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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