

MOD-U-BLAST®

S-SERIES SUCTION BLAST CABINETS



- **S-Series** blast 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 is easy to choose the system that best suits your budget and your specific blast cleaning applications. Ten (10) standard sizes available (Custom sizes available upon request). We can recommend a Mod-U-Blast system to manage virtually any blast cleaning application.
- Mod-U-Blast® S-Series Cabinets are designed to handle a wide range of abrasives and peening medias.
- Our method of manufacturing also allows us to produce dual-station systems in many sizes for larger applications. All machines with 48" of depth or more require a 600 CFM reclaimers and come standard with a dual-fixture lighting system (4 x 24" LED tubes)

STANDARD FEATURES

CONSTRUCTION

- 14 gauge one piece steel construction
- Powder Coated white interior cabinet and hammertone grey exterior for durability.
- Mod-U-Blast® uses overlapping positive tension doors with adjustable hand latch system.



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 in depth.



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.



BLAST GUN

- S-Series Machines feature a versatile lightweight pistol grip blast gun globally proven to provide comfort. It also offers six (6) nozzle/airjet match-ups to meet varying production requirements.



BLAST GLOVES

- Coated neoprene glove with fold-sewn vinyl sleeve.



FOOT VALVE

- 1/2" high flow, brass/steel. Built for rugged industrial use.



ADDITIONAL FEATURES:

- Perforated steel flooring
- Powder coated for durability
- Replaceable reclaim wear plate
- Adjustable air intakes for clear visibility
- Safety door shut-offs
- High pure gum content abrasive blast hose
- Strategically rubber lined hopper
- Cabinets are 100% modular and fully upgradable

MOISTURE SEPARATOR, REGULATOR & GAUGE CONTROL PANEL



METERING VALVE

- Optimize the flow of media to get maximum efficiency with Mod-U-Blast's metering valve.



SAFETY GLASS WINDOW

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



DUST COLLECTION

DUST BAG

- Double walled and fastened to reclaim exhaust outlet, this method of dust collection is recommended for occasional use only (2 hours /day or less).
- Complete with zippered dump-out which allows for fast disposal of collected material. Model numbers ending with "B" denote machines with a dust bag. Available in 300, 600 and 900 CFM.



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 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.

- Models M300-2C, M600-2C, M900-2C, M1,200-C, M3000-6C, M6000-12C, M9000-18C, M12000-24C come standard with push button cleaning system or optional auto-timed controls. Reverse pulse collectors larger than 1200 CFM(2C) come standard with auto-timed control. Hopper Discharge is standard with all reverse pulse collectors.

- Low profile models also available.



600 CFM model

1200 CFM model

OPTIONS

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's 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.* Urea spray lining available.



Electrical Requirements

| CFM | HORSE POWER | PHASE / AMPS REQUIRED |
|------|-------------|------------------------------|
| 30 | 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

| AIR JET | SIZE | CFM@80PSI |
|---------------|-------|-----------|
| #3.5 | 7/64" | 15 |
| #4 (standard) | 1/18" | 21 |
| #5 | 5/32" | 32 |
| #6 | 3/16" | 48 |
| #7 | 7/32" | 63 |

OPTIONS Cont.

PASS THROUGH KITS



Custom pass through kits available for new or existing cabinets.

PIPE ROLLING CARTS



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

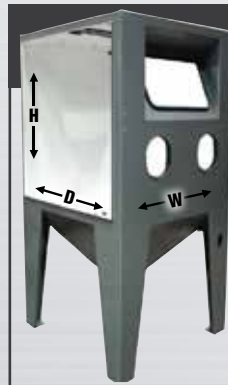
HEPA RETURN FILTER



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.



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 26"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
- 72"W x 36"D x 48"H (DUAL STATION)
- 96"W x 48"D x 48"H (DUAL STATION)

CUSTOM SIZES AVAILABLE

SPECIALTY BLAST CABINETS

PMB-Series Plastic Media Pressure Blast Cabinets



PSS-Series Direct Pressure Shot Peeners



Blast-Pact Series Compact Ergonomic Blast Cabinets



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