

MOD-U-BLAST®



PLASTIC / LIGHT MEDIA PRESSURE CABINETS



• **PMB - Series** machines are designed to work best with recyclable blast medias which have a bulk density not higher than 75.



PLASTIC MEDIA



CORN COB



WALNUT SHELL

NOTE: Some blast medias should be pretreated with an anti-static agent to avoid inner system build up.

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 fluorescent lighting system features 2 - 24" tubes in cabinets that are less than 48" in depth, and a dual-fixture system with 4-24" tubes in cabinets 48" or larger in depth.



METERING / REMOTE SYSTEM

- 0.7 Cu. Ft. or 1 Cu. Ft. pressure pot
- Pneumatically vibrated M-valve for improved flow of light abrasive
- Auto air valve
- Exhaust valve
- Safety relief valve

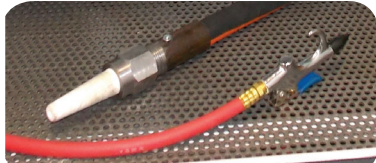


SAFETY GLASS WINDOW



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

CERAMIC BLAST NOZZLE



AIR BLOW-OFF GUN

NATURAL RUBBER GLOVES



- High puncture and snag resistance. Natural rubber glove with a sewn nitrile impregnated PVC on nylon sleeve.

PNEUMATIC FOOT PEDAL



Additional Features:

- Perforated steel flooring
- Powder coated for durability
- Adjustable air intakes for clear visibility
- Safety door shutoffs (Blasting operation is shut off when cabinet door(s) is opened)
- High pure gum content abrasive blast hose
- Strategically rubber lined hopper
- Cabinets are 100% modular and fully up-gradeable

MOISTURE SEPARATOR, REGULATOR & GAUGE CONTROL PANEL



ADVANCED RECLAIM SYSTEM

- Mod-U-Blast®'s "PMB-Series" machines are engineered to efficiently recycle lightweight abrasives. Our 3-stage PMB adjustable reclaiming accomplishes this task.

STAGE 1: DUST SEPARATION

Centrifugal force keeps the heavier particles to the outside wall of the cyclone. Our large intake pipe draws dust and lighter, broken down media from the cyclone center at a lower speed to ensure that reusable media is not discarded prematurely. Dust is then exhausted to the collector.

STAGE 2: OVERSIZED PARTICLE REMOVAL

By pneumatically vibrating the perforated trash screen, only particles of smaller size (reusable abrasive, metallic debris) can reach stage 3.

STAGE 3: FERROUS PARTICLE REMOVAL

All material that passes stage 1 and 2 must pass through a magnetic field where any ferrous particles are trapped. This eliminates possible damage to the substrate being blasted. The magnetic particle separator grill can easily be removed for discarding of collected particles.



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.



REVERSE PULSE CARTRIDGE DUST COLLECTION



• Mod-U-Blast® reverse pulse cartridge collectors are available from 300 CFM to 12,000CFM. 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, M1200-C, M2000-4C, 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 come standard with auto-timed control. Hopper Discharge is standard with all reverse pulse collectors.

- Low profile models also available.



AIR REQUIREMENTS:

NOZZLE	BORE SIZE	CFM@60PSI
2	1/8"	13
3 (standard)	3/16"	30
4	1/4"	55
5	5/16"	90
6	3/8"	125

ELECTRICAL SPECIFICATIONS:

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 available special request

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.

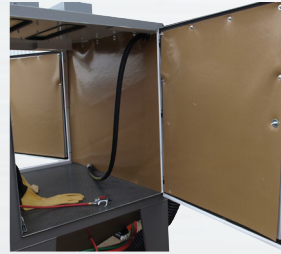
*Custom sizing available.



BLAST CABINET 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.* Poly urea spray coating also available.



PASS THROUGH KITS

Custom pass through kits available for new or existing Cabinets.



PIPE ROLLING CARTS

Save time and discomfort blasting with Mod-U-Blast's Pipe Rolling Carts.



H.D. DESICCANT 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.



Specialty Cabinets also available by Mod-U-Blast®

Custom pressure cabinet with pipe pass through, mobile work cart with swivel casters



Custom PSS with left side blast station, vertical door assembly & 24' track assembly



Custom pressure cabinet (72"W x 72"D x 48"H) cabinet with 2000 lb turntable & vertical door



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