

# **MOD-U-BLAST**

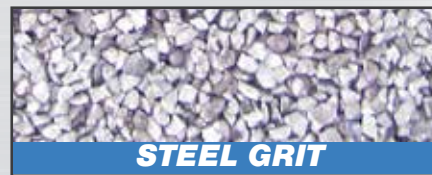
®



## **DIRECT PRESSURE SHOT / GRIT BLAST CABINETS**



**STEEL SHOT**



**STEEL GRIT**



PSS-Series machines are built to withstand the rigors of heavy blast media. Sprayed with a poly urea 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 CFM blower/separator assembly removes dust and maintains optimum visibility in the cabinet.

## FEATURES

### CONSTRUCTION

- 12 gauge one piece steel construction. Mod-U-Blast® uses overlapping positive tension doors with adjustable hand latch system. (Custom front door shown in photo)

### 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.



### SAFETY GLASS WINDOW



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

### AIR BLOW-OFF GUN



### TUNGSTEN BLAST NOZZLE

### 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:

- 1/4" perforated steel flooring
- Powder coated for durability
- Adjustable air intakes for clear visibility
- Operator step-up platform
- 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
- Blower / Separator assembly
- Cabinets are 100% modular and fully up-gradeable

### MOISTURE SEPARATOR, REGULATOR & GAUGE CONTROL PANEL



### METERING / REMOTE SYSTEM



- 0.9 Cu. Ft. pressure pot strategically mounted below feed hopper.
- M-Valve metering valve
- Auto air valve
- Dump valve
- Safety relief valve

### POLY UREA SPRAY COATING



- PSS Series machines come standard with a poly urea spray coating to withstand the rigors of heavy blast media.

## 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 12,000 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, M1200-2C, 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 controls. 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

## TURNABLES & 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.



Custom vertical door & track with pipe rolling cart

## PASS THROUGH KITS

Custom pass through kits available for new or existing Cabinets.



## ROLLING CARTS

Save time and discomfort blasting with Mod-U-Blast's 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 PSS 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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