



WET BLAST CABINET



MOD-U-BLAST®

POWERED BY **ALLREDI**™

INTRODUCING THE MOD-U-BLAST (MSB-SERIES) WET BLAST CABINET



Mod-U-Blast has been manufacturing and delivering quality dry blast cabinets for 40 years and we have been asked by our customers to build a quality Wet Blast Cabinet. After an extensive R&D process and many hours of testing we have produced an excellent line of wet blast units with more to come...

Mod-U-Blast wet blast cabinets combine an abrasive media & water slurry mixture within the sump of the cabinet that is agitated and suspended by a submersible Vortex pump. This suspended slurry mixture is conveyed through a specially designed blast gun where compressed air is introduced to accelerate the slurry mixture at the item being cleaned.



MSB4836 Closed Loop Shown

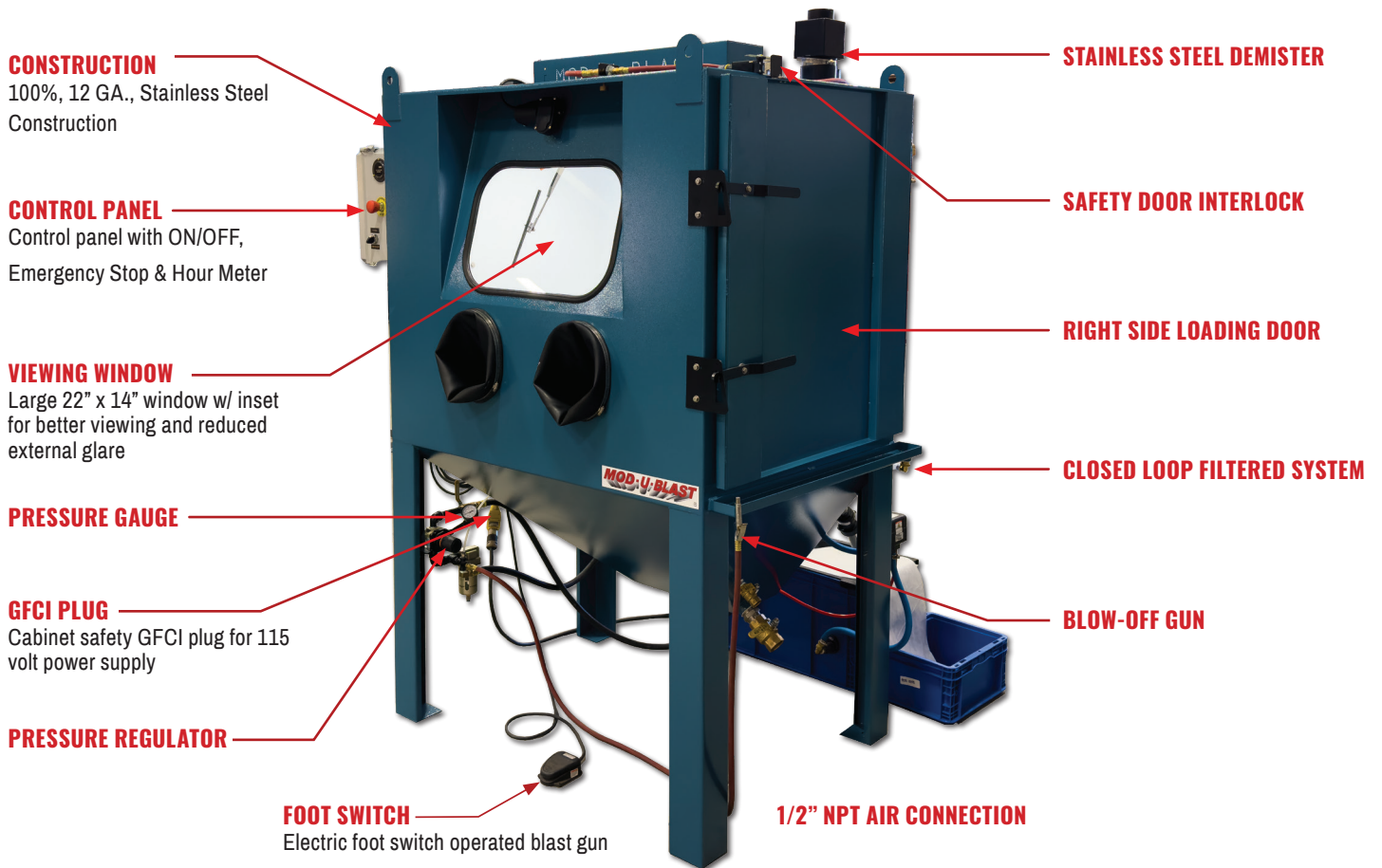
ADVANTAGES

- Dust free process
- Cleans by water flow not by impact
- Water acts as a lubricant between media & component
- Promotes longer media life
- Avoids media impregnation on soft materials
- Cabinet parts last 5 to 8 times longer than in a dry blast pressure cabinet

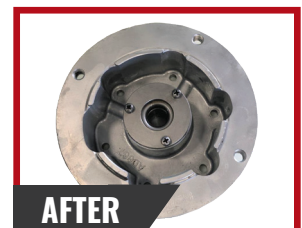
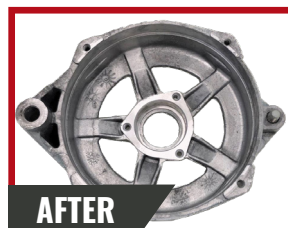
USES

- Cleaning of dies & molds
- Removal of paint, rust, scale, carbon & similar deposits
- Surface preparation
- Smooth finishing of stainless steel, aluminum & other materials
- Removal of small burrs from manufactured components

MSB-SERIES FEATURES



DELIVERING SUPERIOR WET BLASTING RESULTS WITH **NO MEDIA IMPREGNATION**



WET BLAST CABINETS

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LED LIGHTING

**AUTOMATIC WINDOW RINSE
AND WIPER**

**SEAMLESS RUBBER ROUGH
GRIP GLOVES**

BLAST GUN

POLY PVC FLOOR

With removable cross braces for easy
access to the pump

INTERNAL PARTS RINSE NOZZLE

TECHNICAL SPECIFICATIONS

WET BLAST CABINET MODELS	MSB-3630	MSB-3636	MSB-4836
INTERNAL DIMENSIONS	36"W x 30"D x 40"H	36"W x 36"D x 40"H	48"W x 36"D x 40"H
POWER REQUIREMENTS	110 Volts, 15 Amp, 60 Hz, Single Phase		
ABRASIVE AMOUNT	30 lbs.	35 lbs.	45 lbs.
ABRASIVE MESH	Recommend 100 mesh or Finer		
CABINET SUMP WATER AMOUNT	20 Gal.	22 Gal.	25 Gal.
PUMP	Submersible Vortex Pump		
NOZZLE CFM	20 - 35 CFM		
PSI	40-100 PSI (40-60 PSI for best visibility)		

WET BLAST MEDIA TYPES

MEDIA TYPE	WET BLAST USES	MOHS HARDNESS	SHAPE
**ALUMINUM OXIDE	Used for coating preparation / removal. Provides a matte finish.	8-9	Angular
CERAMIC BEAD	Suitable for use with stainless steel and aluminum. Can be used for non-aggressive cleaning and for producing visually attractive surfaces. This medium can last up to 25 cycles when used in wet blasting.	7 - 7.5	Spherical
CRUSHED GLASS	Good for removing coatings and providing a rough surface. Use in many applications and provides a matte finish.	5-6	Angular
EPIX LP	Removes paint, old coatings, rust and mill scale. Safe to use on harder materials like steel and cast metals.	7	Angular/ Rounded
**GLASS BEAD	Used for general cleaning and polishing. <u>Not</u> used for Coating preparation/removal.	3.5	Subangular
PLASTIC ABRASIVE	Typically used in aircraft restoration/cleaning. Strips without damaging or warping the substrate. Used on delicate metals, fiber glass & plastic.	3.5	Subangular
**SODA (SODIUM BICARBONATE)	Used for automotive parts restoration. Excellent for cleaning parts.	2.8	Angular

** Denotes most Common Media Used in Wet Blast Cabinets
DO NOT USE STEEL GRIT OR SHOT, CORN COB OR WALNUT MEDIAS.

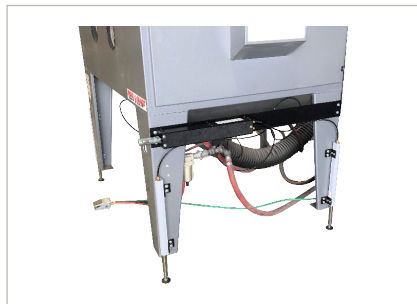
MSB-SERIES CABINET OPTIONS

TURNTABLE AND TRACK SYSTEMS



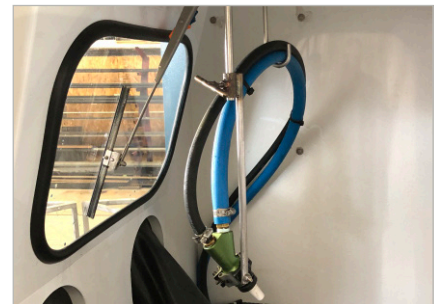
Turntable, w/ wheels & inside track, S.S/ Aluminum.
30" Portable outside track w/ base & hinge lift w/ aluminum tray.
Set-in turntable w/o wheels also available

CABINET LIFT KIT (0 TO 12")



Hydraulic rams will be mounted on the inside of the legs on new units.

GUN HOLDER



MSB Gun and hose holder, S.S.

FILTERED SINGLE PLASTIC BOX



Filtered single plastic box, 14 gallon capacity w/ one filter roll.

FILTERED SINGLE STAINLESS BOX



Filtered single stainless box, 25 gallon capacity w/ one filter roll (Size: 28"L x 17"W x 14"H - Custom sizes available)

CUSTOM OPTIONS AVAILABLE



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