MOD-U-BLAST

MBM-SERIES

ABRASIVE BLAST MACHINES



MOD-U-BLAST®

POWERED BY ALLREDI™

Literature #MBM2512

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BLAST MACHINES



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/// PORTABLE BLASTER STANDARD FEATURES



Ideal for smaller jobs or touch up work

MBM-35PREAV?? Shown



MBM-35PREAV Shown

1.0 CU. FT. (28 LITRES)

- 150 psi (10.3 Bar) rated vessel
- Pneumatic or electric remote controls
- Auto air inlet valve
- 1" piping string, 90° cone bottom
- H.D. Blast pot muffler
- 55' Twin line control hose or electric cable with fittings
- Moisture separator option available

VESSEL DIAMETER	HANDWAY	WEIGHT	HEIGHT	WIDTH	DEPTH
10"	5" x 7"	132 lbs	40"	13"	21"

MODEL #	DESCRIPTION
MBM1PRAV	Mod-U-Blast® 1.0 cu. ft. w/ pneumatic controls
MBM1PREAV	Mod-U-Blast® 1.0 cu. ft. w/ electric controls
MBM1PRMS	Mod-U-Blast® 1.0 cu. ft. w/ pneumatic controls and moisture separator
MBM1PREMS	Mod-U-Blast® 1.0 cu. ft. w/ electric controls and moisture separator

Specifications are subject to change without notice.

3.5 CU. FT. (100 LITRES)

- 150 psi (10.3 Bar) rated vessel
- Pressure hold or Pressure release systems
- Pneumatic or electric remote controls
- Auto air inlet valve
- 1-1/4" piping string, 90° cone bottom
- 55' twin line control hose or electric cable with fittings and deadman, exhaust silencer
- H.D. Blast pot muffler
- Moisture separator option available

VESSEL DIAMETER	HANDWAY	WEIGHT	HEIGHT	WIDTH	DEPTH
18"	6" x 9"	243 lbs	49"	19"	25"

MODEL #	DESCRIPTION
MBM35PRAV	Mod-U-Blast® 3.5 cu. ft. w/ pneumatic controls
MBM35PREAV	Mod-U-Blast® 3.5 cu. ft. w/ electric controls
MBM35PRMS	Mod-U-Blast® 3.5 cu. ft. w/ pneumatic controls and moisture separator
MBM35PREMS	Mod-U-Blast® 3.5 cu. ft. w/ electric controls and moisture separator
MBMTV35PR	Mod-U-Blast® 3.5 cu. ft. w/ pneumatic controls, moisture separator and APV valve
MBMTV35PRE	Mod-U-Blast® 3.5 cu. ft. w/ electric controls, moisture separator and APV valve

Specifications are subject to change without notice.

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/// PORTABLE BLASTER STANDARD FEATURES



HIGH-PRODUCTION CONTRACTOR'S CHOICE BLASTING

MBM65PRAV?? Shown



MBM10PREAV Shown

6.5 CU. FT. (185 LITRES)

- 150 psi (10.3 Bar) rated vessel
- Pressure hold or Pressure release systems
- Pneumatic or electric remote controls
- Auto air inlet valve
- 1-1/4" piping string, 90° cone bottom
- 55' Twin line control hose or electric cable with fittings and deadman, exhaust silencer
- H.D. Blast pot muffler
- Moisture separator option available

VESSEL DIAMETER	HANDWAY	WEIGHT	HEIGHT	WIDTH	DEPTH
24"	6" x 9"	394 lbs	54"	30"	33"

MODEL #	DESCRIPTION
MBM65PRAV	Mod-U-Blast® 6.5 cu. ft. w/ pneumatic controls
MBM65PREAV	Mod-U-Blast® 6.5 cu. ft. w/ electric controls
MBM65PRMS	Mod-U-Blast® 6.5 cu. ft. w/ pneumatic controls and moisture separator
MBM65PREMS	Mod-U-Blast® 6.5 cu. ft. w/ electric controls and moisture separator
MBMTV65PR	Mod-U-Blast® 6.5 cu. ft. w/ pneumatic controls, moisture separator and APV valve
MBMTV65PRE	Mod-U-Blast® 6.5 cu. ft. w/ electric controls, moisture separator and APV valve

Specifications are subject to change without notice.

10 CU. FT. (285 LITRES)

- 150 psi (10.3 Bar) rated vessel
- Pressure hold or Pressure release systems
- Pneumatic or electric remote controls
- Auto air inlet valve
- 1-1/4" piping string, 90° cone bottom
- 55' Twin line control hose or electric cable with fittings and deadman, exhaust silencer
- H.D. Blast pot muffler
- Moisture separator option available

VESSEL DIAMETER	HANDWAY	WEIGHT	HEIGHT	WIDTH	DEPTH
24"	6" x 9"	435 lbs	65.5"	30"	33"

MODEL #	DESCRIPTION
MBM10PRAV	Mod-U-Blast® 10 cu. ft. w/ pneumatic controls
MBM10PREAV	Mod-U-Blast® 10 cu. ft. w/ electric controls
MBM10PRMS	Mod-U-Blast® 10 cu. ft. w/ pneumatic controls and moisture separator
MBM10PREMS	Mod-U-Blast® 10 cu. ft. w/ electric controls and moisture separator
MBMTV10PR	Mod-U-Blast® cu. ft. w/ pneumatic controls, moisture separator and APV valve
MBMTV10PRE	Mod-U-Blast® 10 cu. ft. w/ electric controls, moisture separator and APV valve

Specifications are subject to change without notice.

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/// PORTABLE BLASTERS STANDARD FEATURES



URETHANE POP UP VALVE & SEAL

HANDWAY ASSEMBLY
Allows for easy access for troubleshooting

OWNER'S MANUAL
Safely secured inside tube.



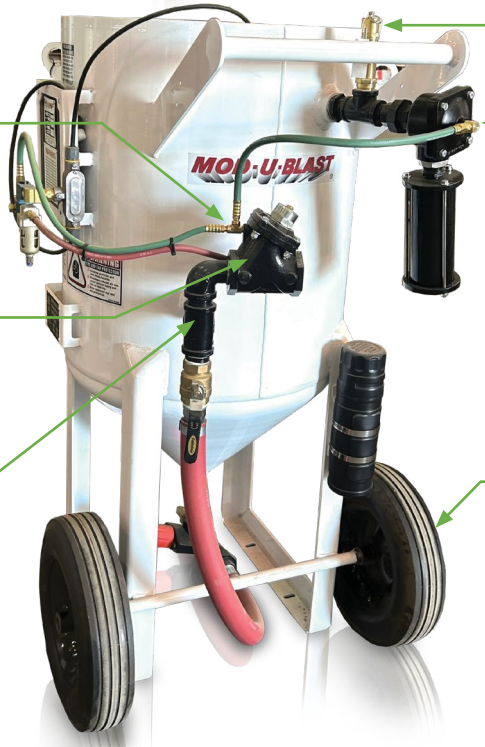
MBM65PRAV?? Shown

FULL LOAD LIFTING EYES

150 PSI (10.3 BAR) VESSEL
CRN-Registered, National Board Certified, U-Stamped (ASME), A-Stamped (in Alberta)

MPV ABRASIVE METERING VALVE
Manual plunger type for pressure release or normally open control systems. (Pressure hold systems also available).





SAFETY PRESSURE RELIEF VALVE

ELECTRIC OR PNEUMATIC CONTROLS
55' twin line pneumatic control hose or electric cable with fittings and deadman. (Electric controls shown in photo)

DIAPHRAGM OUTLET VALVE
Fast vessel blow down with minimal wear components.

AUTO AIR INLET VALVE
Allows for the control of airflow with a minimum amount of pressure loss.

1-1/4" PIPING STRING
Standard 1-1/4" piping string available for 3.5, 6.5 & 10 Cu. Ft. Blast machines. (1.5 Cu.Ft. Machines feature 1" piping string).

WHEELS
Equipped with wheels for easy portability (Stationary machines are also available)

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/// PRESSURE HOLD SYSTEMS AVAILABLE



PRESSURE HOLD VS. PRESSURE RELEASE

When the deadman control handle is released in a pressure hold system, the pressure vessel remains filled with compressed air. When the deadman control handle is released in a pressure release system, compressed air automatically releases through the outlet valve and muffler assembly.

Pressure hold systems increase production and are ideal for one shot / short blast cycles or premium media blasting.

BENEFITS

- Reduced media usage
- Faster start / stops
- Reduced blast hose throbbing at start up

/// PORTABLE BLAST MACHINE OPTIONS

LIDS & SCREENS



Using lids & screens reduces downtime by keeping debris and other foreign objects out of your MBM blast system.

UNION END BALL VALVE



Union end ball valves allow for easy removal of metering valves for the purpose of maintenance or clearing blockages faster.

BLAST POT HOUR METER



Track time spent on blast jobs along with total hours on your abrasive blaster. Mod-U-Blast's hour meter kits allow you to know and control your blasting media costs and assist greatly in implementing preventative maintenance programs. (For electric control systems only.)

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.

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/// CUSTOM BUILT MBM-SERIES MOBILE BLAST SYSTEMS

SKID MOUNTED MOBILE BLAST SYSTEM WITH AH-4 DRYER



- 12-Volt DC electric controls with safety deadman and 55' cable
- 6.5 Cu Ft MBM-Series blast pot with lid and screen
- Powder coated skid with fork pockets and hose rack
- Radex air purifier
- AH-4 H.D. desiccant inline air dryer
- 24" lid and screen
- 1-1/4" Piping string

MODEL #	DESCRIPTION
MBM65SREAH4	Assembly, 6.5 cu. ft. Electric Pot & AH-4 Dryer on Skid

Additional configurations available

SKID MOUNTED BLAST SYSTEM W/ D-SERIES AFTERCOOLER



- 6.5 Cu. Ft. Blast Pot
- 450 CFM Aftercooler
- Air Purifier (Optional)
- H.D Powder Coated Skid with Fork Pockets
- Hose Rack

MODEL #	DESCRIPTION
MBM65???	Assembly, 6.5 cu. ft. Electric Pot & 450 CFM Aftercooler

Additional configurations available

SKID MOUNTED MOBILE BLAST SYSTEM WITH 450 CFM VERTICAL AIR DRYER



- 6.5 Cu. Ft. Blast Pot
- 450 CFM Vertical Air Dryer
- H.D Powder Coated Skid with Fork Pockets
- Hose Rack

MODEL #	DESCRIPTION
MBM65???	Assembly, 6.5 cu. ft. Electric Pot & 450 CFM Vertical Aftercooler

Additional configurations available

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/// CUSTOM BUILT MBM-SERIES MOBILE BLAST SYSTEMS

SKID MOUNTED MOBILE BLAST SYSTEM WITH ADJUSTABLE MEDIA PLATFORM



- 12-Volt DC electric controls with safety deadman and 55' cable
- 6.5 Cu Ft MBM-Series blast pot with lid and screen
- Powder coated skid with adjustable media platform, hose rack and fork pockets
- 800 CFM moisture separator
- 24" lid and screen
- 1-1/4" Piping string
- MPV abrasive metering valve (Pressure release)
- Breathing air filter

MODEL #	DESCRIPTION
SPSKID	Assembly, 6.5 cu. ft. Electric Pot & 800 CFM moisture separator

Adjustable platform & hose rack shown in lowest position - great for transportation!



SKID MOUNTED DUAL BLAST SYSTEM

- Two 6.5 Cu. Ft. Blast Pot
- D4 Series Air Dryer
- Air Purifier (Optional)
- H.D Powder Coated Skid with Fork Pockets
- Hose Rack

MODEL #	DESCRIPTION
???	Assembly, 6.5 cu. ft. Electric Pot & 800 CFM moisture separator



NEED CUSTOM?
GOT IT.

TRAILER MOUNTED MOBILE BLAST SYSTEMS

- 6.5 Cu. Ft. Blast Pot
- 450 CFM Vertical Air Dryer
- Highway Trailer

MODEL #	DESCRIPTION
???	Assembly, 6.5 cu. ft. Electric Pot & 800 CFM moisture separator

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/// MBM-SERIES BLAST POT OPERATOR ACCESSORY PACKAGES



GENVX / AIRLINE FILTER OPERATOR ACCESSORY PACKAGE*

- Bullard GenVX Blast Helmet with package of 50 outer lenses
- Bullard airline breathing filter c/w regulator, gauge, psv valve & cartridge
- 50' Approved breathing line w/ fittings
- Leather blast gloves and nylon blasting suit (specify blast suit size)
- Bullard air purifier
- 50' Blast hose w/fittings installed, APV Series blast nozzle, gasket & washer kit. (specify blast nozzle orifice size)

MODEL #	DESCRIPTION
1000G1	(Bullard GenVX, 1" Blast)
1000G125	(Bullard Gen-VX, 1-1/4" Blast)



NOVA 2000 / RADEX OPERATOR ACCESSORY PACKAGE*

- Nova 2000 Blast Helmet with package of 50 outer lenses
- Radex breathing filter c/w regulator, gauge, psv valve & cartridge
- 50' Approved breathing line w/ fittings
- Leather blast gloves and nylon blasting suit (specify blast suit size)
- 50' Blast hose w/fittings installed, APV Series blast nozzle, gasket & washer kit. (specify blast nozzle orifice size)

MODEL #	DESCRIPTION
1000E1	(Nova 2000, 1" Blast)
1000E125	(Nova 2000, 1-1/4" Blast)
1000E150	(Nova 2000, 1-1/2" Blast)



NOVA 3 / RADEX OPERATOR ACCESSORY PACKAGE*

- Nova 3 Blast Helmet with package of 50 outer lenses
- Radex breathing filter c/w regulator, gauge, psv valve & cartridge
- 50' Approved breathing line w/fittings
- Leather blast gloves and nylon blasting suit (specify blast suit size)
- 50' Blast hose w/fittings installed, apv series blast nozzle, gasket & washer kit. (specify blast nozzle orifice size)

MODEL #	DESCRIPTION
1000F1	(Nova 3, 1" Blast)
1000F125	(Nova 3, 1-1/4" Blast)
1000F	(Nova 3, 3/4" Blast)

*Package components may be substituted to a product of equal performance without notice