

M-Series

Multi-media blasters give you the flexibility to use the abrasive best suited for your job

A product of Axxiom Manufacturing, Inc.



M31 Series Blaster
(3.0 cu. ft.)

The Schmidt® M-Series blasters add flexibility to your blasting operation. These multi-media units can be used with a wider range of abrasive media than standard blasters, including sodium bicarbonate, aluminum oxide, plastic, glass beads, crushed glass and even steel grit. Use a single system for all your jobs—from cleaning surface grease and oil to stripping rust or paint. The M-Series can achieve the surface profile you need because you have the ability to use the abrasive best suited for the job.

The key to these multi-tasking systems is in the precision controls. A pressure regulator reduces blast pressure when working with delicate objects. Full port bypass allows work on tougher applications, while differential pressure control provides consistent media flow when blasting with lightweight abrasives. Other features including a media vibrator and the built-in efficiency of the Schmidt 90-degree cone bottom to assist with smooth flow of nearly any type of abrasive. Combined with the Thompson Valve II metering valve and G2 deadman control, the M-Series are designed to tackle a wide range of applications in a single system.

Features (1.5, 2.0 and 3.0 cu. ft. units):

- 150 psi (10.3 bar)-rated, 90° cone bottom pressure vessel with integral lid and screen
- Integrated load skid
- Inlet filter
- Blast pressure and tank pressure regulators for precise blast control
- Media vibrator to improve light media flow
- Ball valve with quick-detach clamps for easy removal of the Thompson Valve II
- Easy-to-use media shut-off valve
- Internal grit suppression valve to reduce media backflow into controls
- Normally closed TVII abrasive metering valve (tungsten carbide, slotted sleeve)
- G2 pneumatic deadman control, 55' twinline control hose, 55' water line with wet blast attachment for dust suppression
- Full port by-pass (not available on 1.5cf unit)



Distributed By:

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About the M-Series:

The M-Series abrasive blasters are designed to be used with a broader range of abrasive media than a typical blaster. The M-Series have features to allow for blasting at high or low pressure, as well as features for improved abrasive flow and flow control. These include a pressure regulator to reduce blast air pressure when working with delicate objects, full pressure bypass for working with tougher applications (not available on mini or 1.5 cu. ft. models) and differential pressure control for enhanced operation when blasting with lightweight abrasives. A media vibrator and the built-in efficiency of the Schmidt 90° cone bottom assist with smooth flow of abrasive, regardless of media type.



Pressure control features optimize performance

Additional Features and Options:

- Low overall height for easier filling and handling
- Specially engineered chassis gives easy access to the Thompson Valve II (TVII) metering valve
- An abrasive shutoff valve allows removal of the TVII without emptying abrasive from the vessel
- Electric controls available
- Remote abrasive cutoff option available for conveniently blasting air without abrasive (such as cleanup)

0.9 cu. ft./26 L Mini M-Series Blaster

- 125 psi (8.6 bar) system includes wheels and single pipe handle instead of load skid and 25' of twinline control hose and 25' water line instead of 55'. Also includes 3/4" ID x 25' blast hose with 3/16" SN nozzle. All other standard system features included— vessel with lid and screen, TVII with tungsten carbide, slotted sleeve, G2 pneumatic deadman and wet blast attachment.

Size/Capacity	Weight	Dimensions (H x W x L) with lid/screen	Piping Size
0.9 cu. ft./26 liter	90 lbs/41 kg	36 5/16" x 14 1/2" x 18 1/2" (922 x 368 x 470 mm)	3/4"
1.5 cu. ft./42 liter	186 lbs/84 kg	48" x 22" x 33" (1219 x 559 x 838 mm)	1"
2.0 cu. ft./56 liter	294 lbs/133 kg	50" x 24" x 33" (1270 x 610 x 838 mm)	1 1/4"
3.0 cu. ft./85 liter	307 lbs/139 kg	56" x 24" x 33" (1422 x 610 x 838 mm)	1 1/4"

Video:

See our M-Series video online at SchmidtAbrasiveBlasting.com or on YouTube.

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Contact your local Schmidt distributor or call Axxiom at 800-231-2085 for distributor information.



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