

miniBRS

Compact, powerful system is comfortable, easy to use and requires no containment

A product of Axxiom Manufacturing, Inc.



The Schmidt miniBRS is a compact and easily maneuverable abrasive blasting system that blasts and then recovers spent abrasive, contaminants and dust in the same step, eliminating the need for containment. The system can also be used to blast and then vacuum abrasive independently.

It handles a wide range of recyclable abrasives with ease, including steel grit. It is designed to deliver powerful performance over a range of blasting pressures, operating on just a 185 cfm compressor. The operator can blast and recover at up to 200 feet away from the miniBRS.

An ergonomic design, lightweight yet durable blast head and system-matched hoses make this system especially easy and comfortable to use. This greatly reduces operator fatigue and provides higher productivity.

Features:

- 150 psi-rated, 0.3 cu. ft. pressure vessel with integral media screen
- Blast pressure regulator
- 75 cfm eductor (pneumatic vacuum pump)
- Airwash reclaimer
- Secondary cyclonic dust separator
- Dust collector with polyester filter cartridge
- Differential pressure gauge on the dust collector to alert operator to clean filter
- Blowdown wand for cleaning filter
- 25' by 1/2" blast hose assembly
- 25' by 2" vacuum hose
- Blast and recover head assembly with No. 3 nozzle
- TVII abrasive metering valve (tungsten carbide sleeve)



Distributed By:

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800-231-2085 SchmidtAbrasiveBlasting.com

About the miniBRS:

The miniBRS is designed to blast and vacuum recover abrasive media for reuse, reducing or eliminating the need for containment. The system can blast and vacuum abrasive independently, or blast and vacuum at the same time (closed circuit). Abrasive is contained in the pressure vessel for blasting. After or during blast operation, the abrasive is recovered in the reclaim hopper using the system's vacuum. Small particles are carried by the vacuum air stream through the reclaimer, through the secondary cyclone and then into the dust collector. The reusable abrasive is retained in the abrasive reclaimer and drops to the bottom of the reclaim hopper. Large particles (paint chips, etc.) are trapped by the abrasive screen. Abrasive is reloaded from the reclaim hopper for reuse when the blast vessel is depressurized.

Additional Features:

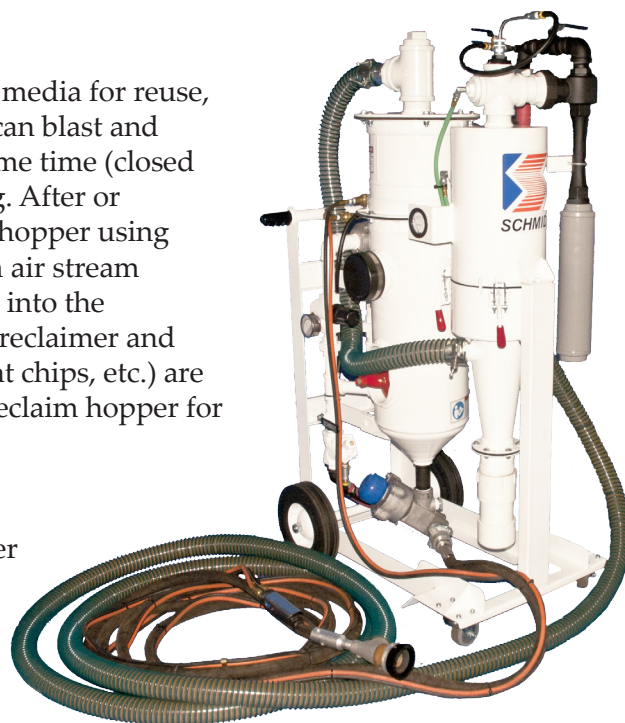
- Complete system includes everything needed to blast, recover contaminants and handle dust and debris. Just add abrasive and compressed air
- Quick set-up. Compact and easy to move
- Lightweight work head reduces fatigue and helps ensure correct positioning of the blast head against the substrate
- System-matched, small diameter blast and vacuum hoses are lighter and easier to handle
- Includes the industry-leading TVII abrasive metering valve, ComboValve and Auto Air valve
- Easy-access port to remove large debris from screen
- Optional electric deadman blast controls feature the G2E deadman

Specifications:

Blast pattern:	3/4" to 7/8" using a No. 3 nozzle
Maximum working pressure:	150 psig at 250 °F (10.3 bar at 121 °C)
Blast hose size:	25', 1/2" diameter hose
Vacuum hose size:	25', 2" diameter hose
Electrical requirements:	12 VDC (for optional electric deadman blast controls)
Abrasive capacity:	Blast vessel - 0.3 cu. ft. (8.5 L) Reclaim hopper - 0.3 cu. ft. (8.5 L)
Vacuum system:	Pneumatic vacuum pump (eductor)
Dust collector filter:	6" diameter, dry poly-bond
Weight:	335 lbs/152 kg; 450 lbs/205 kg with controls
Dimensions:	60" H x 22" W x 34" L

Video:

See our miniBRS video online at SchmidtAbrasiveBlasting.com or on YouTube.



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

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