

miniBRS

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

A product of Axxiom Manufacturing, Inc.

The miniBRS™ system is a compact and easily manoeuvrable abrasive blaster that blasts and recovers spent abrasive, contaminants and dust in the same step, eliminating the need for containment. It can also blast or vacuum separately for increased versatility. Unlike other systems on the market, the miniBRS has an ergonomic design, a lightweight yet durable blast head and smaller diameter, lighter weight hoses that are sized to match the system. The new blast/vacuum head features a 40% larger blast pattern, an ultra-comfortable trigger-style deadman control that allows one-handed start/stop and the ability to blast high temperature surfaces, using an optional adapter/brush. Blast and recover at up to 200 feet away from the unit. Can operate on just a 185 cfm compressor.



New Features:

- Even better portability with a new, improved and more durable skid design and new wheel alignment that make moving and turning easier. Increased skid stability minimizes bumps when going over uneven surfaces
- Quiet vacuum eductor
- New palm button actuated air pulse for quick and easy cleaning of dust collector filter cartridge
- New blast and vacuum head with 40% larger blast pattern (or greater with adapters/nozzles) significantly improves productivity
- New trigger-style deadman control makes operation even more comfortable and allows one-handed operation
- High-temperature blast head option allows for blasting of high temperature surfaces (up to 500 °F)
- Ease of cleaning out the dust collector filter with new automatic air pulse system
- Improved muffler to reduce noise level by close to 10% (from 110db to 96db)

Performance Features:

- 150 psi-rated, 0.46 cu. ft. pressure vessel with integral media screen
- Blast pressure regulator
- 75 cfm eductor (pneumatic vacuum pump) / Optional 100 cfm eductor available for increased suction
- 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
- Palm button air pulse for dust collector filter cleaning
- 25 ft. by ½ in. blast hose assembly
- 25 ft. by 2 in. vacuum hose
- Blast and recover head assembly with No. 3 or No. 4 blast nozzle
- Teravalue XL™ remote control abrasive metering valve (tungsten carbide sleeve)



SCHMIDT 800-231-2085 SchmidtAbrasiveBlasting.com

About the Blast head:

The current trigger style design allows the operator to use the grip hand to control blast on/off control while leaving the other hand free to be on the blast head and to push the G2 safety button. This ergonomic improvement provides a more secure and more comfortable two hand grip on the blast head. Also, having two hands on the blast head allows for the operator to move and manipulate the blast head.

Features:

- Longer lasting brushes
- Easier to slide head over surfaces during blasting
- Better containment during blasting
- Improved vacuum flow
- Brushes available (Flat brush, Inside corner brush, Outside corner brushes, and Hi-Temp brushes)
- OD Pipe adaptors (for blasting outside diameter of pipe) (Available upon request)



Inside Corner

Outside Corner

Additional miniBRS 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
- Includes the industry-leading TeraValve XL 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 Trigger Deadman. Electronic controls are recommended for hose lengths 150 feet or longer.

Specifications:

Blast pattern:	¾" to 1 ¼" using a No. 3 nozzle
Maximum working pressure:	150 psig at 250 °F (10.3 bar at 121 °C)
Blast hose size:	25' x ½" diameter hose
Vacuum hose size:	25' x 2" diameter hose
Electrical requirements:	12 VDC (for optional electric deadman controls)
Abrasive capacity:	Blast vessel – 0.46 cu. ft. / Reclaim hopper – 0.46 cu. ft.
Vacuum system:	Pneumatic vacuum pump (eductor)
Dust collector filter:	6" diameter, dry poly-bond
Dimensions:	62.4" H x 24.6" W x 36.5" L
Blast head:	9.3" H x 3.5" W x 10.4" L



Work head blasting pattern

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

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