

INDUSTRIAL BLAST AND RECOVERY SYSTEM

The Schmidt® Industrial Blast and Recovery System (IBRS) is designed to meet the needs of industrial blasting operations. This flexible system offers an affordable alternative to traditional automated blast rooms, or may be used to complement your wheelblast system. A range of available blast pot sizes allows for multiple operators and high productivity. Depending on configuration, the IBRS can blast only, recover abrasive only, or blast and recover simultaneously. An optional trough system is available for pneumatic conveying of material.

This durable system features heavy duty construction throughout. The electric, cartridge-style dust collector is designed for high volume use, and its airwash reclaimer/classifier, optional magnetic separator and high efficiency secondary cyclone extend cartridge filter life. IBRS systems feature high quality Schmidt valves and controls for safety, and to boost productivity and minimize abrasive use.



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FEATURES AND BENEFITS

- Provides flexibility for industrial blasting operations
- Flexible system can blast and recover simultaneously or independently, depending on configuration. Single outlet systems can blast and recover simultaneously. Dual outlet systems blast and recover separately
- Available in a range of standard or custom sizes with pneumatic or electric remote controls
- Schmidt® metering system with Thompson Valve® II, and ComboValve® blowdown
- High efficiency secondary cyclone extends dust collector filter life and allows for a wide range of media use
- Cartridge style dust collector with automatic pulse jet to prevent clogging of dust filters
- Optional trough system provides convenient pneumatic conveying of material

SPECIFICATIONS

GENERAL SYSTEM

Maximum Working Pressure:	125 psi at 250 °F
Minimum Metal Temperature:	-20 °F at 125 psi
Voltage:	230/460 V, 3ø, 60 Hz: 120 VAC for pulse control
Blast Hose Size:	Up to 1½"
Controls:	Two outlet capability Schmidt Thompson Valve II Schmidt ComboValve blowdown Union end ball valve Pneumatic deadman controls
Reclaimer:	Cyclonic design with adjustable air wash
Secondary Cyclone:	24" diameter, rectangular entry 60° cone bottom with 3" drain
Dust Collector:	Electric, 4 cartridge, automatic pulse jet Large door for cartridge access Magnehelic gauge for filter sensing 1750 cfm @ 37" wc, 15 h.p. blower with high attenuation silencer (approx. 85 dB)
Moisture Separator:	300 cfm (single outlet system) 800 cfm (dual outlet system)
Mounting:	Skid mounted, side fork pockets

6.5 CU.FT. IBRS

Vessel Volume:	6.5 cu. ft.
Reclaimer Volume:	6.5 cu. ft.
Dimensions:	122" L x 66" W x 128" H
Weight:	3,850 lb.

10.5 CU.FT. IBRS

Vessel Volume:	10.5 cu. ft.
Reclaimer Volume:	10.5 cu. ft.
Dimensions:	122" L x 66" W x 138" H
Weight:	4,450 lb.



Thompson Valve II



ComboValve

OPTIONAL EQUIPMENT

- Trough system
- Magnetic separator for dust collector
- Electric deadman controls, short-proof deadman control
- Remote abrasive cutoff
- Dual outlet system
- 150 psi system

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