

**Airblast B.V.**

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**Commercial Information**

*The Art of Powerful Cleaning...*

**Version / Date:** 01 / 0903

**Title:** Airblast Blast and Recovery System



The Airblast Blast and Recovery System (ABRS) uses a wide range of abrasive media to remove coatings, hazardous materials such as lead or asbestos, and other materials when cleaning steel or concrete surfaces. The ABRS can blast and vacuum simultaneously, effectively eliminating offensive dust clouds, poor visibility and costly cleanup. It can also perform either feature independently. This portable system is ideally suited for jobs where traditional open-air blasting is prohibited, or is not possible or practical.

**FEATURES AND BENEFITS**

- Portable system used for lead and asbestos abatement, indoor blasting, bridge and road maintenance, building restoration and other steel and concrete cleaning applications
- Flexible system can blast and recover simultaneously or independently
- Available in 2.0, 3.5 and 6.5 cu. ft. systems with pneumatic or electric remote controls, Airblast Multiple Valve metering system and Combo Valve blowdown system
- Cyclone has large, quick-opening access door and two-part screen with removable center for easy access
- Optional, adjustable, air wash cyclone improves abrasive cleaning
- Three-way dust collector designed for wet, dry or dry-HEPA filters
- Automatic pulse jet prevents clogging of dust filters
- Quick opening hatches make cartridges and filters easy to remove and replace
- Urethane eductor pump is available with 225, 350, 440 or 550 cfm nozzle
- Moisture separator and media vibrator ensure even flow of abrasive
- Options include 3" BRS head with outer brush, remote abrasive cutoff for cleaner start/stop and reduced abrasive consumption, blast pressure regulator with gauge

**SPECIFICATIONS**

**GENERAL SYSTEM**

Maximum Working Pressure	:	125 psi at 250° F
Minimum Metal Temperature	:	-20° F at 125 psi
Blast Hose Size	:	Up to 1 1/2"
Controls	:	Two outlets Airblast Multiple Valves Airblast Combo Valve blowdown Pneumatic deadman controls
Reclaimer	:	Air wash reclaimer with access hatch
Secondary Cyclone	:	20" diameter, rectangular entry 60° cone bottom with 4" drain
Dust Collector	:	Designed for full vacuum 4 cartridge, automatic pulse jet (120V) Magnehelic gauge for filter sensing 550 cfm eductor High attenuation blower silencer (approx. 85 dB)
Moisture Separator	:	Standard
Mounting	:	Skid mounted, side fork pockets

**13.5 CU.FT. ABRSI I**

Vessel Volume: 13.5 cu. ft.  
Reclaimer Volume: 13.5 cu. ft.  
Dimensions: 110"L x 60"W x 120"H  
Weight: 3,950 lbs.

**20 CU.FT. ABRSI I**

Vessel Volume: 20 cu. ft.  
Reclaimer Volume: 20 cu. ft.  
Dimensions: 116"L x 60"W x 120"H  
Weight: 4,550 lbs.



**Airblast Multiple Valve**



**Airblast Combo Valve**

**OPTIONAL EQUIPMENT**

- 150 psi system
- Double chamber system
- Remote abrasive cutoff (cleaner start/stop, reduced abrasive consumption)
- Electric deadman controls, short-proof deadman control
- Blast air regulator
- Slide-out type filters for dust collector
- High vacuum blowers
- Magnetic separator
- Dolly type wheels
- Reclaim troughs for blast room use