

**Airblast B.V.**

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**Commercial Information**

*The Art of Powerful Cleaning...*

**Version / Date:** 01 / 0903

**Title:** Airblast Blast and Recovery System II



The Airblast Blast and Recovery System II (ABRSII) is a high productivity system that uses a wide range of abrasive media to remove coatings, hazardous materials, and other materials when cleaning steel or concrete surfaces. The ABRSII can blast and vacuum simultaneously, effectively eliminating offensive dust clouds, poor visibility and costly cleanup. It can also perform either feature independently. Applications include large jobs where productivity is paramount: bridge work, weld joints, barge and ship cleaning, and much more.

This high productivity system features heavy duty, high capacity components for blasting, vacuuming and dust collection. A high capacity eductor system enables a high rate of vacuum reclaim. A four-cartridge dust collector with electronically controlled sequential pulse allows increased dust loading and improves filter life. A secondary cyclone enhances system performance by reducing the amount of dust entering the dust collector. It also allows for the use of lightweight media.

**FEATURES AND BENEFITS**

- Portable system used for bridge and road maintenance, barge and ship cleaning, lead and asbestos abatement, and other steel and concrete cleaning applications
- Flexible system can blast and recover simultaneously or independently
- Available in 13.5 and 20 cu. ft. systems with pneumatic or electric remote controls, metering system with Airblast Multiple Valve and Combo Valve blowdown
- Custom systems available
- Air wash reclaim improves abrasive cleaning
- Reclaimer has large, quick-opening access door
- Four-cartridge dust collector with automatic pulse jet to prevent clogging of dust filters
- Quick opening hatches make cartridges and filters easy to remove and replace
- Moisture separator and media vibrator ensure even flow of abrasive

**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
- Custom systems available