BRS

Blast & Recovery Systems for when you can't or don't want to use traditional open blast methods

A product of Axxiom Manufacturing, Inc.

The Schmidt® BRS is designed to maximize the use of a wide range of recyclable abrasives, including steel grit, to remove coatings and corrosion when cleaning steel or concrete surfaces. Blast and recover simultaneously, or blast and then vacuum abrasive independently. Eliminate dust clouds, poor visibility and costly, time-consuming cleanup. Ideal for sensitive job sites, indoor blasting, building restoration, lead or asbestos abatement, bridge and road maintenance, barge and ship cleaning, and more.

The BRS is designed to blast and vacuum recover abrasive media for reuse. These systems 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 using the system's vacuum. Small particles are carried by the vacuum air stream through the reclaimer into the dust collector. The reusable abrasive drops to the bottom of the reclaim hopper. Large particles (paint chips, etc.) are separated out by an abrasive screen. Abrasive is reloaded from the reclaim hopper for reuse when the blast vessel is depressurized.

FEATURES

- Blast where open-air blasting is prohibited, or is not possible or practical
- Portable or skid-mounted 2.0, 3.5 and 6.5 cu. ft. models
- Pneumatic or optional electric remote controls
- Blast pressure regulator with bypass piping allows blasting at lower pressures
- Urethane eductor (pneumatic vacuum pump) with 150, 225, 350 or 440 CFM nozzle
- Cyclonic dust separator/media reclaimer
- Dust collector (dry or dry-HEPA) with automatic pulse jet to prevent clogging
- Easy, quick-open hatches for access to cartridges and filters
- Optional differential pressure gauge (dust collector)
- Moisture separator and media vibrator for smooth, even flow of abrasive
- TVII™ abrasive metering valve (urethane sleeve)
- Tungsten Carbide TVII sleeves available
- Optional adjustable air wash for improved media cleaning
- Optional remote abrasive cutoff for cleaner start/stop
- Optional electric vacuum available

SPECIFICATIONS

Maximum working pressure (BRS):
150 psig at 250°F

Minimum metal temperature (BRS):
-20°F at 150 psig

Blast hose size (BRS):
Up to 1 1/2"

800-231-2085
AxxiomMfg.com

ABOUT THE BRS

Comparing the units in the BRS Family

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SPECIFICATIONS

MODEL	VESSEL VOLUME CU. FT. (L)	MEDIA RECLAIMER VOLUME CU. FT. (L)	
		CYCLONE	AIR WASH
BRS 2.0	2.0 (57)	2.4 (68)	2.0 (57)
BRS 3.5	3.5 (100)	6.6 (187)	3.5 (100)
BRS 6.5	6.5 (184)	8.3 (235)	6.5 (184)

DIMENSIONS

MODEL	HEIGHT IN (CM)				WIDTH IN (CM)		LENGTH IN (CM)
	SKID MOUNT		PORTABLE		SKID MOUNT	PORTABLE	
	CYCLONE	AIR WASH	CYCLONE	AIR WASH			
BRS 2.0	71 (180)	83 (211)	76 (194)	87 (221)	27 (69)	35 (89)	60 (152)
BRS 3.5	81 (206)	87 (221)	88 (224)	94 (239)	36 (91)	53 (135)	68 (173)
BRS 6.5	100 (254)	115 (277)	107 (272)	122 (310)	36 (91)	53 (135)	68 (173)

MODEL	WEIGHT LBS (KG)			
	SKID MOUNT		PORTABLE	
	CYCLONE	AIR WASH	CYCLONE	AIR WASH
BRS 2.0	983 (446)	895 (406)	997 (425)	988 (448)
BRS 3.5	1396 (633)	1483 673)	1540 (699)	1566 (710)
BRS 6.5	1452 (659)	1610 (730)	1525 (692)	1760 (798)

OTHER BRS

BRS2

The BRS2 is a 13.5 cu. ft., 20.0 cu. ft. or custom-sized system designed for higher productivity than the standard BRS systems, and has heavy duty, high capacity components for blasting, vacuuming and dust collection.

MiniBRS

The miniBRS is a 0.46 cu. ft., highly portable and compact unit that can be operated in space or access-limited job sites with just a 185 cfm compressor. It is designed to allow for blasting at lower pressures if desired, yet remains fully capable of maximum performance with the operator at up to 200 feet away from the vessel.

(Dimensions: 62.4" H x 24.6" W x 36.5"L)

IBRS

Information available upon request.

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

800-231-2085
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