



1006 Executive Blvd. • Chesapeake, VA 23320
Tel 757-548-4842 • 800-366-4341 • FAX 757-547-9597



#716028

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 jobsites, indoor blasting, building restoration, lead or asbestos abatement, bridge and road maintenance, barge and ship cleaning, and more.

BRS

- 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



About the BRS:

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



1006 Executive Blvd. • Chesapeake, VA 23320
Tel 757-548-4842 • 800-366-4341 • FAX 757-547-9597



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.

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"

MODEL	HEIGHT IN (CM)				WIDTH IN (CM)		LENGTH IN (CM)	WEIGHT LBS (KG)			
	SKID MOUNT		PORTABLE		SKID MOUNT	PORTABLE		SKID MOUNT		PORTABLE	
	CYCLONE	AIR WASH	CYCLONE	AIR WASH				CYCLONE	AIR WASH	CYCLONE	AIR WASH
BRS 2.0	71 (180)	83 (211)	76 (194)	87 (221)	27 (69)	35 (89)	60 (152)	983 (446)	895 (406)	997 (425)	988 (448)
BRS 3.5	81 (206)	87 (221)	88 (224)	94 (239)	36 (91)	53 (135)	68 (173)	1396 (633)	1483 (673)	1540 (699)	1566 (710)
BRS 6.5	100 (254)	115 (277)	107 (272)	122 (310)	36 (91)	53 (135)	68 (173)	1452 (659)	1610 (730)	1525 (692)	1760 (798)

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)

3.5 cu. ft. Portable

- Tungsten Carbide Sleeve
- 24" X 24" HEPA Filter
- TRE314.0020 (each) Workhead Kit (includes 6 brushes, 2 ea liner 1 #4 nozzle)
- TRE314.D005 (each) 3/4" Blast Hose for workhead
- TRE314.A030 (each) 3" Flat Brush
- TRE314.A032 2" Wear Sleeve
- BH075B (10 feet) 3/4" ID x 1-1/2" OD Blast Hose
- Q1A (each) Coupling Blast Hose 3/4" ID X 1-1/2" OD w/ gasket
- BH125B Blast Hose 1-1/4" ID 2 5/32" OD (40 Feet)
- Q3A Blast Hose Couplings
- UF200 Hose Tiger Flex 3" ID (50ft)



1006 Executive Blvd. • Chesapeake, VA 23320
Tel 757-548-4842 • 800-366-4341 • FAX 757-547-9597



#716028

Custom units are available.

2.0 cu. ft.

Portable

Stationary

3.5 cu. ft.

Portable

Stationary

6.5 cu. ft.

Portable

Stationary

Replacement Eductor Nozzles

225 CFM, 350 CFM, 440 CFM, or 550 CFM

HEPA (must be used with a dry filter)

18" x 18" (use with 2.0 BRS)

24" x 24" (use with 3.5, 6.5 BRS)

Replacement Cartridge Filters

10" dry (paper) (use with 2.0 BRS)

10" dry extended life filter (poly) (use with 2.0 BRS)

12" dry (paper) (use with 3.5, 6.5 BRS)

12" dry polyester filter

12" dry extended life filter (poly) (use with 3.5, 6.5 BRS)

OPTIONS

Electric Controls (specify voltage) (each)

BRS Electric Vacuum Conversion POR

Tungsten Carbide Sleeve

Abrasive Cutoff, pneumatic (per outlet)

Abrasive Cutoff, electric (per outlet)

Union end ball valve

Adjustable Air Wash Media Reclaimers

2.0 BRS

3.5 BRS

6.5 BRS