



★★★★
MADE IN THE
USA

BNP DOUBLE 65 SUCTION BLAST CABINET

EFFICIENTLY AND AFFORDABLY CLEAN, DEBURR, PEEN, OR FINISH PARTS

IMPORTANT: For safe, efficient blasting, read and follow the operations manual and seek training for everyone who will use this equipment.



BNP blast cabinets deliver efficient, affordable media blasting to clean, peen, deburr, or finish parts.

SAFETY

- Full-length, neoprene-on-fabric gloves resist wear and protect operator.
- Safety interlocks interrupt blasting if either door is opened.

PRODUCTIVITY

- Unique Air-Logic system (pilot-actuated) to maximize air flow to the blast gun.
- Two stations provide easy access to blast from either side or both sides simultaneously.
- Ceiling-mounted, 100W LED light fixtures with abrasive resistant cover for extraordinary visibility.
- 14-gauge steel all-welded construction, with precisely formed bends, forms a rigid, long-lasting cabinet shell.
- Double suction-blast cabinet features two blast guns as standard.

CONVENIENCE

- Tilt-out window, for tool-free glass changes in minutes.
- Double-wall, sound-insulated doors, with industrial quality lift-off hinges.
- Pressure regulator, gauge, and electric switch mounted within easy reach.
- Built-in blow-off gun helps keep dust inside the cabinet, not on your floor.

COMMON APPLICATIONS

- Remove rust, mill scale, heat scale, and carbon buildup from metals.
- Strip paint, powder coating, plating, and anodizing from parts for rework.
- Eliminate burrs, reduce flashings, and other defects from castings and injection-molded parts.
- Extract residual sand from castings.
- Beautify steel, stainless steel, aluminum, brass and other metals with a uniform matte finish.
- Etch artwork and lettering into glass, stone, plastics, metal and other materials.
- Clean release agents and material buildup from molds.

POPULAR ACCESSORIES

- Adjustable gun mount
- Adjustable vortex tube
- Alox Kit (for harsh media)
- Air-powered vertical lift door
- Anti-fatigue mat
- Arm rest assembly
- Curtains (black or white)
- HEPA filter
- Manometer kit
- Noise reduction arm port baffles
- Timed door release
- Two gallon tumble basket
- 20" and 30" dia. turntables with or without work car and 8 foot track extension

COMPLETE SYSTEM

Space required depends on configurations, options and work flow. Allow space for operator and maintenance access. See maintenance access height (MAH) below.

Model illustrated: BNP Double 65-900 RPH 900 CFM Reclaimer (free standing) and Reverse Pulse Collector with Hopper

BNP-DBL 65S

A - 36.5" deep*

B - 76" wide

C - 81" high

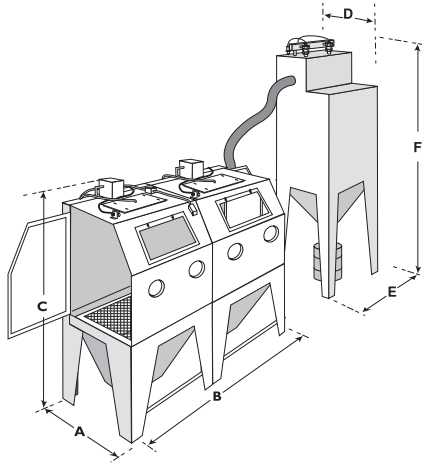
*84" with free standing reclaimer

RPH-2

D - 36" deep

E - 56" wide

F - 115" high



CABINET

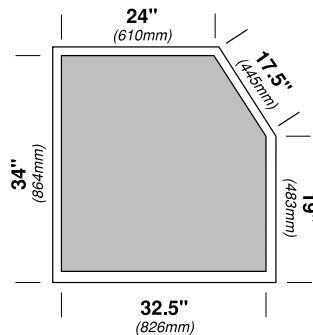
Working Chamber (6012S)

- 73" wide (1854 mm)
- 35" deep (889 mm)
- 37" high (940 mm)

Window (safety glass)

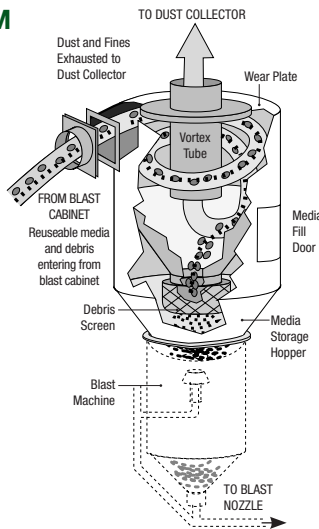
- 19.5" wide (495 mm)
- 12.5" high (318 mm)

Door Opening



BLAST RECLAIM SYSTEM

Our exclusive media reclaimers continuously extract dust and debris and return properly sized, usable media to the blast system. The standard reclaimer handles all non-metallic media. For metallic media, choose from the two PM models. The reclaimer, mounted atop the pressure vessel, automatically refills the blast system with clean, recycled media. The versatile design of our larger reclaimers lets you quickly adapt the system to your changing needs.



BNP BLAST GUN WITH CERAMIC NOZZLE

The BNP blast gun sets the industry standards for performance, versatility, and durability. The ergonomic grip reduces operator fatigue and increases productivity. The standard ceramic nozzle is perfect for bead blasting, while the optional tungsten or boron carbide nozzles stand up to hundreds of hours of blasting with today's aggressive abrasives.

BNP BLAST GUN (AIR CONSUMPTION)

BNP Gun	Nozzle Orifice	Air Jet	CFM at 80 psi	M ³ /Min at 5.5 BAR	Minimum Reclaimer
No. 4	5/16"	1/8"	21	0,60	900 cfm (25 m ³ /m)
No. 5	5/16"	5/32"	32	0,90	900 cfm (25 m ³ /m)
No. 6	3/8"	3/16"	48	1,35	900 cfm (25 m ³ /m)

BNP Double 65 cabinets come with two No. 5 BNP guns.

METALLIC MEDIA

For steel media applications, the reclaimer, the flex hose, and adaptors must be appropriately sized. For a quotation for a steel-ready model or field conversion, contact your local distributor.

DUST COLLECTORS

ZERO RP dust collectors trap 99.7% of dust particles down to 0.5 micron.

CDC-1: CDC-1 dust collectors come in three sizes; 300 cfm, 600 cfm, and 900 cfm. The cartridges are pulse-cleaned by pressing the manual pulse-valve to clear the filter of dust. Dimensions are 34" wide, 42" deep (with motor housing) and 94" high. MAH is 11 ft for the 300 cfm and 600 cfm units and 12-1/2 ft for the 900 cfm unit.

RPH-2: The RPH-2 has a filter area of 470 sq ft; the RPH-3 has a 705 sq ft filter area. Both have a built-in hopper to minimize dust-handling. At each pulse, dust falls first into the hopper and then into a disposal drum or bag beneath it. The operator never handles the dust—an important safety feature. RPH dust collector dimensions are: 56" wide (with motor housing) by 36" deep by 115" high. The RPH is designed to allow outdoor installation. The MAH for the RPH collectors is 15 ft 2 inch.

ELECTRICAL

900 CFM: (25 m³/m) 2HP, 230V, 3PH, 60HZ, (1.5KW, 220V, 3PH, 50HZ), Available with three phase motors only, specify 230v or 460v.

ORDERING INFORMATION

Model Number	Reclaim CFM (m ³ /m)	Dust Coll.	Stock No.	Ship Wt. lb (kg)
BNP Dbl 65S-900 CDC	900(25)	CDC-1	28388	1,500 (680)
BNP Dbl 65S-900 RPH	900(25)	RPH-2	14380	2,360 (1070)