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

BNP Double 220 Suction Blast Cabinet

**BNP Blast Gun with Ceramic Nozzle**

The BNP blast gun sets the industry standards for performance, versatility, and durability. The ergonomically proven 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.

**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

**BNP Double 220 Cabinets Feature:**

**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, two-tube fluorescent light fixtures with abrasive resistant Lexan® 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.

**Popular Accessories**
- Adjustable Gun Mount
- Adjustable Vortex Tube (for lightweight media)
- Alox Kit
- Air-powered Vertical Lift Door
- Curtains (black or high visibility white)
- HEPA filter (RP model only)
- Manometer Kit
- Oscillator Assembly
- 20” & 30” Dia. Turntables
- Work Car & Track Assembly
- Two Gallon Tumble Basket
- Timed Door Interlocks
- A-300 Automation Kit

*Cutaway shown*
### COMPLETE SYSTEM
Actual Space required depends on equipment configurations, options and desired work flow. Allow additional work space for operator and maintenance access.

A. 40.5” deep (88” deep with free-standing reclaimer)
B. 106” wide
C. 83.5” high
D. 38” deep
E. 30” wide
F. 80.5” high

Model illustrated: BNP Dbl 220-900 DF
900 CFM Reclaimer (free standing) and Dry Filter

### MEDIA RECLAIMERS

#### The Heart of ZERO’s Blasting 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, specify reduced ID conveying hose.

The suction blast metering valve is infinitely adjustable and locks into any setting without tools.

The versatile design of our 900-cfm and larger reclaimers lets you quickly adapt the system to your changing needs—add media hoppers, a pressure blast system, or pull-through dust collection.

### CABINET

#### Working Chamber Size
103" wide (2616 mm)
39" deep (991 mm)
43" high (1092 mm)

#### Door Opening
27” (686 mm)

#### Window Size (safety glass)
19.5” wide (495 mm)
12.5” high (318 mm)

### DUST COLLECTORS

Dry filters are suitable for most industrial applications where the dust collector can be shut off periodically to shake dust from the 100% cotton sateen filter tubes. Dry filters trap 98% of dust down to 1.0 micron.

Reverse pulse cartridge dust collectors (which trap 99.7% of dust down to 0.5 micron) allow non-stop, high-production blasting. The polyester-cellulose cartridges are automatically pulse cleaned for maximum filter efficiency. Worn cartridges can be replaced in minutes.

#### Dry Filters
- 5 sq ft filter area per tube
- 900 cfm DF has 40 tubes (200 sq ft)

#### Reverse Pulse Collector
- 235 sq ft filter area per cartridge
- RPH-2 has two cartridges (470 sq ft)

### ELECTRICAL

900 CFM (25 m³/min) 2HP, 230V, 3PH, 60HZ, (1.5KW, 220V, 3PH, 50HZ); available with three phase motors only.

Specify 230v or 460v.

Other motors and electrical configurations are available upon request.

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Reclame CFM</th>
<th>Dust Collection</th>
<th>Stock Number</th>
<th>Ship Wt. lb</th>
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<tbody>
<tr>
<td>BNP Dbl 220S-900 DF</td>
<td>900 (25)</td>
<td>Dry Filter</td>
<td>21156</td>
<td>1,745 (925)</td>
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<td>RPH-2</td>
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<td>2,600 (1,182)</td>
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</tbody>
</table>

Larger nozzles and reclaimers are available upon request.

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