



BLAST CLEANING TECHNOLOGIES

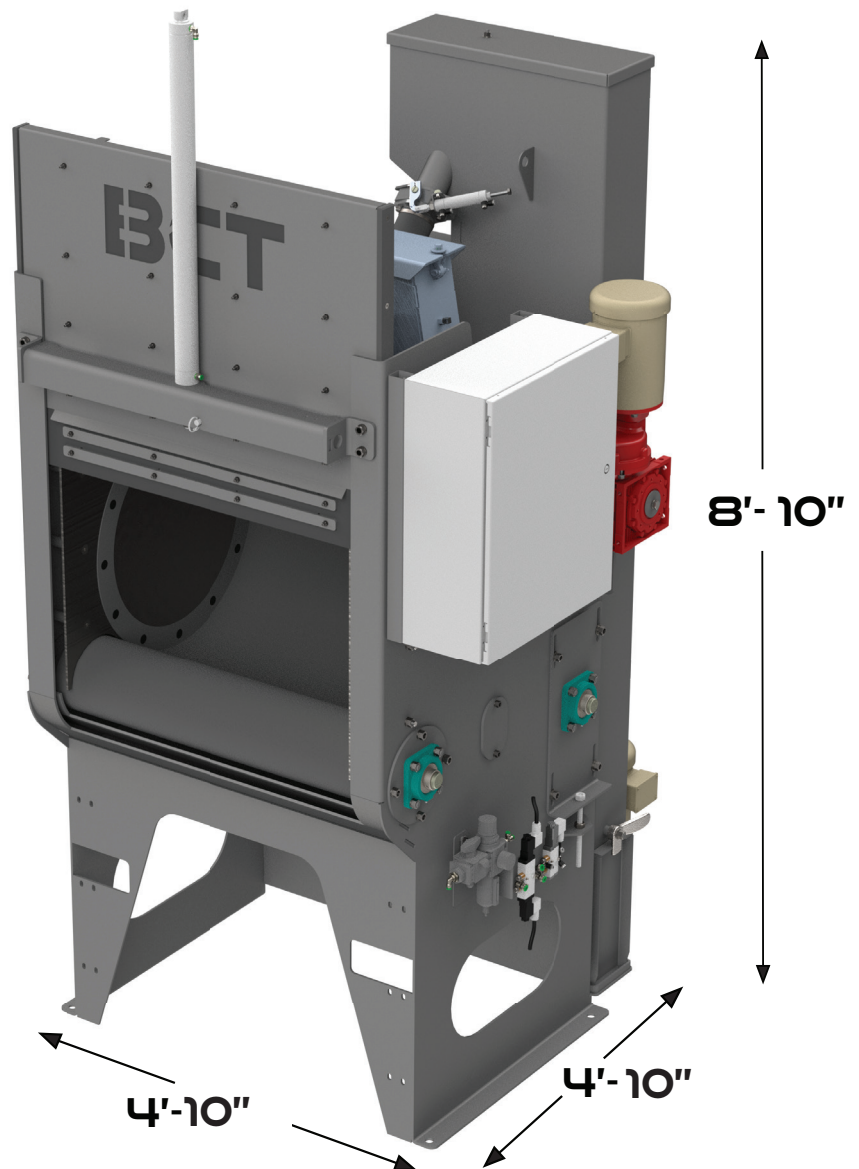


# 3 CUBIC FT. RUBBER BELT WHEEL BLAST MACHINE

Model # 3RB-W

## FEATURES

- 400 LB CAPACITY
- 10 HP DIRECT DRIVE BLAST WHEEL
- 460VAC, 3 PHASE
- CONTINUOUS MOLDED RUBBER BELT
- SAFETY INTERLOCKS
- REVERSING MILL
- AUTOMATIC TIMER CONTROLS
- 1 YEAR MACHINE WARRANTY
- SMALL OPERATING FOOTPRINT
- AIRWASH SEPARATOR
- OPTIONAL DUST COLLECTOR



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## TECHNICAL DATA

## 3 CUBIC FT. WHEEL BLAST MACHINE

Model # 3RB-W

### CENTRIFUGAL BLAST WHEEL

Wheel: 3600 RPM, 14" or 15" direct drive. Precision balanced internal components  
Blade Style: Exclusive RIM-LOC™ design ensures easy replacement of long life, abrasive resistant, alloy blades  
Control Cage: Dial Type Cage  
Wheel Housing: ¼" Steel fabricated blast housing with replaceable alloy liner package

### CABINET CONSTRUCTION

Cabinet: Formed ¼" steel with access panels for easy belt replacement. Service doors in back to inspect and clean abrasive screen  
Door: Pneumatically operated reinforced rubber door  
Work Load Height: 42"  
Work Load Capacity: 31" wide x 24" diameter. 3 cubic feet or 400 lbs. maximum capacity  
Conveyor: Continuous molded rubber belt, four ply construction, integrated direct molded tumble ridges  
Conveyor Roller: Solid shaft rollers supported by ball bearings  
Conveyor Speed: 14 feet per minute

### POWER AND AIR REQUIREMENTS

Electric Supply: 460 VAC, 3 Phase, 60 Hz. Others available by request  
Controls: NEMA 12 rated electrical enclosure, 24VDC pushbutton controls, IEC motor starters, blast wheel ammeter, hour meter, abrasive blast and post blast timers  
Electric Motors: Totally enclosed, fan cooled (TEFC)  
Blast Wheels: 10HP, 3600 RPM  
Belt Drive: 3/4HP, 1800 RPM  
Optional Dust Collector: 460 VAC, 3 Phase, 60 Hz. 2HP, 3600 RPM  
Air Requirement: 90 PSI, 10CFM, clean, dry, regulated compressed air

### ABRASIVE RECLAIM SYSTEM

Abrasive Screening: Tramp metal and trash screen in cabinet. Access doors for cleaning and inspection  
Abrasive Control: Enclosed adjustable butterfly valve  
Abrasive Required: 400 pounds for initial start-up  
Elevator: Dust-tight, centrifugal discharge belt and bucket elevator, removable service covers and take-up screws  
Separator: Continuous air wash system for fines removal, screen tray for large trash removal  
Optional Dust Collector: 800 CFM minimum

### SAFETY AND STRUCTURE

Safety: Work door interlocks  
Shipping Weight: 2700 pounds  
Machine Dimensions: 4'-10" Width x 4'-10" Length x 8'-10" Height

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