COYOTE ENTERPRISES, INC.
Quality Replacement Parts & Machinery

for the Abrasive Blast Industry

3 CUBIC FT.
BLAST BARREL

Proudly made in the USA

FEATURES

- 400 LB LOAD CAPACITY
- 10 HP. DIRECT DRIVE BLAST WHEEL
- SMALL OPERATING FOOTPRINT
- 3 PHASE OPERATION
- CONTINUOUS MOLDED RUBBER BELT
- LOW NOISE LEVEL
- SAFETY INTERLOCKS
- REVERSING MILL
- AUTOMATIC TIMER CONTROLS
- MACHINE WARRANTY
- LOW PROFILE DESIGN

Standard Color is Coyote blue
Coyote Centrifugal Blast Wheel

Wheel: 3600 RPM, 14 or 15" direct drive, bi-directional blast wheel, for maximum abrasive velocity and smooth operation
Blades: Exclusive Rim-Loc design ensures easy replacement of long life, abrasive resistant, alloy blades
Control Cage: Dial Type cage
Wheel Housing: Fabricated from ¼" steel plate, and protected by replaceable cast alloy steel liners

Cabinet Construction

Cabinet: Low profile, formed to maintain structural integrity, and fabricated from ¼" steel plate; access holes in sides of cabinet simplify belt replacement, and rear access door permits easy removal of tramp metal from screens
Conveyor: 4-ply construction, continuous molded rubber tumble belt with ¼" diameter abrasive drain holes, rubber tumbling ridges are molded directly onto the belt, screw adjusted take-ups provide positive belt adjustment
Conveyor Rollers: Rollers have 1 7/16" diameter shafts, and are mounted to the cabinet with standard (4) bolt flange bearings
Conveyor Speed: 14 feet per minute
Work Loading Height: 42"
Work Load Capacity: 31" x 24" diameter mill will handle 3 cubic feet or 400 pounds
Cabinet Door: Pneumatically operated, reinforced rubber door provides full access to blast chamber, and is positively sealed from abrasive and dust leakage

Power and air requirements

Nema: Type 12 electrical enclosure, optional 230 or 460 volt, 3 phase, thermal overload protection for all motors, ammeter, oil tight push button controls, timer controls abrasive flow and blast wheel motor
Air Requirements: 90-110 PSI required to operate abrasive valve, door, and optional dust collector automatic blow down
Electric Motors: All motors are totally enclosed, fan cooled, to provide maximum life
Blast Motor: 10HP, 3600 RPM
Mill Drive: 1/2HP, 1800 RPM
Elevator Drive: 3/4HP, 1800 RPM
Optional Dust Collector: 2HP, 3600 RPM

Abrasive Recycling System

Elevator: Dust-tight, centrifugal discharge belt and bucket elevator, with removable service and inspection cover, screw adjusted take-up for positive belt adjustment, and unique lip separator that filters the abrasive by eliminating light contaminants and unusable abrasive,
Abrasive Screening: Abrasive screening in cabinet eliminates tramp metal from entering blast wheel
Abrasive Control: Totally enclosed, fully adjustable butterfly valve, quietly and precisely controls abrasive flow
Abrasive Required: 400 pounds for initial start-up
Dust Collector Requirement: 800CFM, self contained, self-cleaning, 6-cartridge dust collector

Safety and Structure

Safety: Blast Wheel operates only if door is closed, chain drive is fully guarded
Noise Level: Less than 80 DB
Shipping Weight: 2,500 pounds
Machine Dimensions: 57 1/2" wide x 57 1/4" deep x 106" tall

Additional customization is available to fit specific requirements