COYOTE ENTERPRISES, INC.

Quality Replacement Parts & Machinery for the Abrasive Blast Industry

6 CUBIC FT.
BLAST BARREL

Proudly made in America

FEATURES

- 800 LB LOAD CAPACITY
- 15 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
- LIP SEPARATOR
## Technical Data

### 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 3/8" 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 tumbler 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 2" diameter solid shafts, and are mounted to the cabinet with standard (4) bolt flange bearings
- **Conveyor Speed:** 10 feet per minute
- **Work Loading Height:** 40 3/4"
- **Work Load Capacity:** 37" x 27 1/2" diameter mill will handle 6 cubic feet or 800 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, digital 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:** 15HP, 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 gravity 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:** 500 pounds for initial start-up
- **Separator:** Gravity lip separator has adjustable abrasive spreader and precisely controlled refuse gate for maximum contaminate removal
- **Dust Collector Requirement:** 800CFM, self contained, self-cleaning, 6-cartridge dust collector

### Safety and Structure

- **Safety:** Blast Wheel operates only if door is closed, all drives are fully guarded
- **Noise Level:** Less than 80 DB
- **Shipping Weight:** 4,000 pounds
- **Machine Dimensions:** 65" wide x 64 3/4" deep x 12'4" tall

Additional customization is available to fit specific requirements