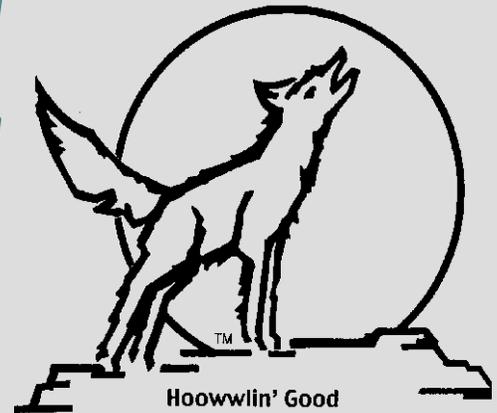


COYOTE

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



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 1/4" steel plate, and protected by replaceable cast alloy steel liners

Cabinet Construction

Cabinet:	Low profile, formed to maintain structural integrity, and fabricated from 1/4" 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 1/4" 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

