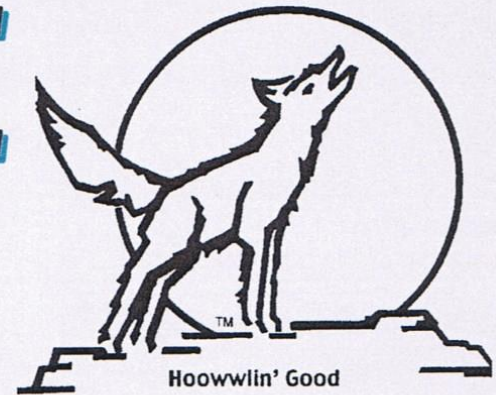


# COYOTE

## ENTERPRISES, INC.

Quality Replacement Parts & Machinery  
for the Abrasive Blast Industry



1.25 CUBIC FT.  
BLAST BARREL



Proudly made in the USA

### FEATURES

- 150 LB LOAD CAPACITY
- 5 HP. DIRECT DRIVE BLAST WHEEL
- SMALL FOOTPRINT
- 3 PHASE OPERATION
- CONTINUOUS MOLDED RUBBER BELT
- LOW NOISE LEVEL
- SAFETY INTERLOCKS
- REVERSING MILL
- AUTOMATIC TIMER CONTROLS
- MACHINE WARRANTY
- LOW PROFILE DESIGN
- POWER DOOR AND OTHER OPTIONS AVAILABLE



Standard color is Coyote Blue



## Coyote Centrifugal Blast Wheel

Wheel:	10" diameter, 3600 RPM direct drive wheel, balanced wheel components assure smooth operation and maximum abrasive velocity
Blades:	Four, 2" curved, cast, abrasive resistant alloy blades, unique snap-lock design eases blade replacement
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, 1/4" steel plate, access holes simplify belt replacement and removal of tramp metal on abrasive screen
Work Loading Height:	36"
Work Load Capacity:	17" wide x 20" diameter mill will handle 1.25 cubic feet or 150 pounds
Cabinet Door:	Easy opening, pneumatically locked, polyurethane door provides full access to blast chamber. Door is positively sealed from abrasive and dust leakage.
Conveyor:	2 ply construction, continuous molded rubber tumble belt with 1/8" diameter abrasive drain holes, tumbling ridges are molded directly onto the belt
Conveyor Rollers:	Mounted to the cabinet with standard 4-bolt flange bearings, rollers have 1 3/16" diameter solid shafts
Conveyor Speed:	7.68 feet per minute

## Power and air requirements

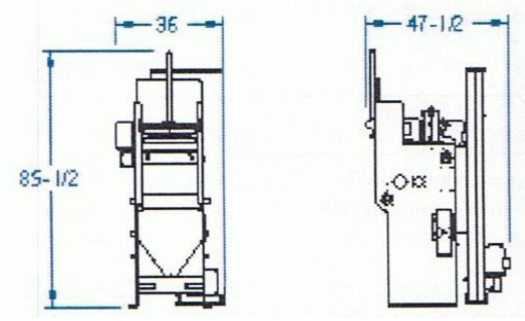
Nema:	Type 12 electrical enclosure, thermal overload protection for all motors, 230/460 volt operation, Ammeter, oil tight push button controls, timer controls abrasive flow and blast wheel motor, mill lockout for blast pattern test
Air Requirement:	90-110 PSI required to operate pneumatic door lock, optional power door, and dust collector automatic blow down
Electric Motors:	All motors are totally enclosed, fan cooled, to provide maximum life
Blast Motor:	5HP, 3600 RPM
Mill Drive:	1/3HP, 1800 RPM
Elevator Drive:	1/3HP, 1800 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, unique separator design provides continuous air wash of abrasive which removes contaminants and unusable abrasive
Abrasive Screening:	Abrasive screening in cabinet eliminates tramp metal from entering blast wheel.
Abrasive Control:	Totally enclosed, fully adjustable, manual butterfly valve, quietly and precisely controls abrasive flow
Abrasive Required:	100 pounds for initial start-up
Dust Collector:	400 CFM

## Safety and Structure

Safety:	Blast wheel operational only when door is closed. Chain drive is fully guarded.
Noise Level:	Approximately 60 DB
Shipping Weight:	1,300 pounds
Optional Power Door:	90 PSI required to operate
Machine Dimensions:	36" wide x 47 1/2" deep x 85 1/2" tall Size shown with <i>optional</i> power door



Additional customization is available to fit specific requirements