

COYOTE

ENTERPRISES, INC.

Quality Replacement Parts & Machinery
for the Abrasive Blast Industry



**1.25 CUBIC FT.
AIR BLAST BARREL**



Proudly made in America

FEATURES

- 150 LB LOAD CAPACITY
- (3) BLAST NOZZLES
- 115 V SINGLE PHASE
- CONTINUOUS MOLDED RUBBER BELT
- LOW NOISE LEVEL
- SAFETY INTERLOCKS
- REVERSING MILL
- AUTOMATIC TIMER CONTROLS
- MACHINE WARRANTY
- LOW PROFILE DESIGN



Standard color is Coyote Blue

Technical Data

1.25 Cubic Ft. Air Blast Barrel

Air Blast System

Air Blast Nozzles: Three 3/8" diameter Venturi carbide nozzles with 3/16" diameter air jets are standard. Full coverage of blast chamber is accomplished. Height of nozzles to the work is adjustable.

Cabinet Construction

Cabinet: Formed to maintain structural integrity. The cabinet is fabricated from 1/4" steel plate. Access holes in sides of cabinet to simplify belt replacement. Access door in back of cabinet permits removal of tramp material collected on abrasive screen.

Door: One piece polyurethane door opens and closes easily and provides full access to blast chamber. Door is positively sealed from abrasive and dust leakage.

Work Loading Height: 40"

Work Load Capacity: 17" wide x 20" diameter mill will handle 1.25 cubic feet or 150 pounds

Conveyor: Continuous molded rubber tumble belt is (2) ply construction with 1/8" diameter abrasive drain holes. Rubber tumbling ridges are molded directly onto the belt.

Conveyor Rollers: Rollers have 1 3/16" diameter solid shafts. All rollers are mounted to the cabinet with standard (4) bolt flange bearings.

Conveyor Speed: 4.8 feet per minute.

Power and air requirements

Electric: Simple 115V single phase.

Electric Motors: All motors are totally enclosed and fan cooled to provide maximum life. Unit optionally equipped 230 volt single phase or 230/460 volt 3 phase.

Mill Drive: 1/2HP, 1800 RPM

Air Requirement: 100/120 CFM @ 60/80 PSI. 3/4" NPT furnished for air connection.

Separator System

Abrasive Screening: Abrasive screening in cabinet eliminates tramp material from abrasive.

Abrasive Separator: 600 CFM centrifugal for optimum sizing of contaminate removal.

Abrasive Required: 50 pounds for initial start-up

Dust Collector: 600 CFM minimum required.

Safety and Structure

Safety: Blast nozzles operational only when door is closed. Chain drive is fully guarded.

Noise Level: Approximately 80 DB

Shipping Weight: 1,100 pounds

Machine Dimensions: 29" wide x 37" deep x 69" tall

Additional customization is available to fit specific requirements

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