



# COYOTE

## ENTERPRISES INC.

Parts and Machinery for the Abrasive Blast Industry

## 70" TABLE BLAST MACHINE

Proudly Made In the USA

### FEATURES

- Unique Roll Up Door
- Lower Operating and Maintenance Costs
- 10,000 Lb. Load Capacity
- Two (2) 10 HP Direct Drive Rim-Loc Blast Wheel Assemblies
- Small Operating Footprint
- 3 Phase Operation
- Efficient Design and Operation
- Abrasive Resistant Liners and Cabinet
- Low Noise Level
- Safety Interlocks
- Automatic Timer Controls
- Machine Warranty
- Cartridge Dust Collector



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## Coyote Centrifugal Blast Wheel

<b>Wheel:</b>	(2) 3600 RPM, 14" direct drive, bi-directional blast wheels, for maximum abrasive velocity and smooth operations
<b>Blades:</b>	Exclusive Rim-Loc design ensures easy replacement for long life, abrasive resistant, alloy blades
<b>Control Cage:</b>	Dial Type Cage
<b>Wheel Housing:</b>	Fabricated from 1/4" steel plate, and protected by replacement cast alloy steel liners

## Cabinet Construction

<b>Cabinet:</b>	Low Profile, abrasive resistant steel plate fabrication, with fork truck pockets for east placement
<b>Cabinet Liners:</b>	Interchangeable abrasive resistant liners in all direct blast areas
<b>Work Table:</b>	70" diameter, 1/2" steel plate construction, with completely enclosed heavy duty support bearings, overhead hoist accessible, with standard abrasive resistant liners
<b>Table Drive:</b>	Exterior mounted motor and gear reducer transmit power through a special spring loaded rubber drive wheel
<b>Maximum Area:</b>	54" at center and 31" at edge
<b>Work Load:</b>	10,000 pounds maximum
<b>Cabinet Door:</b>	Electrically operated, reinforced rubber door provides full access to blast chamber, and is positively sealed from abrasive and dust leakage

## Power and Air requirements

<b>Nema:</b>	Type 12 electrical enclosure, optional 230 or 460 volt, 3 phase, thermal overload protection for all motors, ammeter, oil tight push button controls, and digital timer		
<b>Air Requirements:</b>	90-110 PSI required to operate abrasive valve, and dust collector automatic blow down		
<b>Electric Motors:</b>	All motors are totally enclosed, fan cooled, to provide maximum life		
<b>Blast Motors:</b>	(2) 7.5 HP, 3600 RPM	<b>Table Drive:</b>	1/2 HP, 1800 RPM
		<b>Power Door Motor:</b>	3/4 HP, 1800 RPM
<b>Elevator Drive:</b>	1.5 HP, 1800 RPM	<b>Optional Dust Collector:</b>	5 HP, 3600 RPM

## Abrasive Recycling System

<b>Elevator:</b>	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
<b>Abrasive Screening:</b>	Screen in cabinet provides positive blast wheel protection
<b>Abrasive Control:</b>	Totally enclosed, fully adjustable butterfly valve, quietly and precisely controls abrasive flow
<b>Abrasive Required:</b>	1,000 pounds for initial start up
<b>Attached Dust Collector:</b>	1200 CFM, self contained, self-cleaning, 6-cartridge dust collector

## Safety and Structure

**Safety:** Blast Wheel operates only if door is closed and electrically locked out to prevent accidental opening

**Noise Level:** Less than 85 DB    **Shipping Weight:** 8,000 Pounds

**Machine Dimensions:** 8' 10.75" Wide x 8' 9.5" Deep x 13' 10.75" Tall

*Additional customization is available to fit specific requirements*

