70” TABLE BLAST MACHINE

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
## Coyote Centrifugal Blast Wheel

### Wheel:
(2) 3600 RPM, 14” direct drive, bi-directional blast wheels, for maximum abrasive velocity and smooth operations

### Blades:
Exclusive Rim-Loc design ensures easy replacement for long life, abrasive resistant, alloy blades

### Control Cage:
Dial Type Cage

### Wheel Housing:
Fabricated from 1/4” steel plate, and protected by replacement cast alloy steel liners

## Cabinet Construction

### Cabinet:
Low Profile, abrasive resistant steel plate fabrication, with fork truck pockets for east placement

### Cabinet Liners:
Interchangeable abrasive resistant liners in all direct blast areas

### Work Table:
70” diameter, 1/2” steel plate construction, with completely enclosed heavy duty support bearings, overhead hoist accessible, with standard abrasive resistant liners

### Table Drive:
Exterior mounted motor and gear reducer transmit power through a special spring loaded rubber drive wheel

### Maximum Area:
54” at center and 31” at edge

### Work Load:
10,000 pounds maximum

### Cabinet Door:
Electrically 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, and digital timer

### Air Requirements:
90-110 PSI required to operate abrasive valve, and dust collector automatic blow down

### Electric Motors:
All motors are totally enclosed, fan cooled, to provide maximum life

### Blast Motors:
(2) 7.5 HP, 3600 RPM  
Table Drive: 1/2 HP, 1800 RPM  
Power Door Motor: 3/4 HP, 1800 RPM

### Elevator Drive:
1.5 HP, 1800 RPM  
Optional Dust Collector: 5 HP, 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:
Screen in cabinet provides positive blast wheel protection

### Abrasive Control:
Totally enclosed, fully adjustable butterfly valve, quietly and precisely controls abrasive flow

### Abrasive Required:
1,000 pounds for initial start up

### Attached Dust Collector:
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*