



BLAST-IT-ALL® - (800) 535-2612

Abrasive Blast Equipment and Replacement Parts

3 Cu. Ft. Tumble Blast

- 400 lb. Load Capacity
- 7.5 Hp Direct Drive Blast Wheel
- 3-Phase Operation
- Continuous Molded Rubber Belt
- Variable Speed Mill
- Reversing Mill
- Mill Bypass
- Cast Liner Pkg (Optional)
- Safety Interlocks
- Automatic Timer Controls
- Low Noise Level
- Machine Warranty



• *Easy Elevator Belt Change-Out* •

SPECIFICATIONS – 3 CU. FT. TUMBLE BLAST

CENTRIFUGAL BLAST WHEEL

WHEEL Direct drive blast wheel revolves at 3450 RPM. Standard blast wheel is 12" in diameter and has seven curved blades. Components are balanced for smooth operation.

BLADES Snaplock design eases blade replacement. Curved blades provide maximum abrasive control and are cast from abrasive resistant alloy.

CONTROL CAGE Dial type cage.

WHEEL HOUSING

1/4" steel plate, completely lined with alloy steel liners. All liners are replaceable.

MILL CONSTRUCTION

CONVEYOR Continuous molded rubber tumble belt is 3-ply construction with standard 5/16" diameter abrasive drain holes. Rubber tumbling ridges. Variable speed.
*Optional drain hole size.

CONVEYOR ROLLERS

Heavy duty rollers have 1-7/16" solid shafts. All rollers are mounted to the cabinet with standard 4-bolt flange bearings.

LINERS 24" diameter barrelheads are 3/8" abrasive resistant steel. Tight sealing abrasive resistant cabinet liners remove for belt access.
*Optional cast liner package.

CONVEYOR SPEED

Variable speed.

CAPACITY 31" wide by 24" diameter mill will handle 3 cubic feet or 400 pounds.

CABINET CONSTRUCTION

CABINET Fabricated from 1/4" steel plate. Access holes in sides of cabinet simplify belt and liner replacement. Tramp metal collected on lower abrasive screen.

DOOR Air operated power lock. 1/4" neoprene door liner.

ABRASIVE RECYCLING SYSTEM

ELEVATOR V-belt bucket elevator provides positive tracking and is easily adjusted. Heavy duty C-section elevator belt has multiple cord construction. Solid cast iron elevator sheaves. Hopper screen.

ABRASIVE REQUIRED
300 pounds initial.

ABRASIVE CONTROL VALVE

Totally enclosed butterfly valve is air cylinder operated and fully adjustable for abrasive flow control.

VENTILATION

***OPTIONAL
DUST COLLECTOR**
Requires 800 CFM

ELECTRICS

Type 12 electrical enclosed, thermal overload protection for all motors, standard 230/460 volt ammeter, oil tight pushbutton controls. Timer controls the abrasive flow, blast wheel motor and door lock. Mill bypass for blast pattern test.

ELECTRIC MOTORS

All motors are totally enclosed and fan cooled to provide maximum life. Standard 230/460 volt 3-phase.

Blast Motor 7.5Hp/3450RPM
Mill Drive 3/4Hp/1800RPM
Elevator Drive 3/4Hp/1800RPM

SAFETY FEATURES

Blast wheel operational only when door is closed. Air lock prevents cabinet door from opening during blast cycle. Adjustable time delay allows the flow of abrasive to brake the blast wheel before the door can be opened.

NOISE LEVEL

Approximately 80 db.

SHIPPING WEIGHT

Approximately 2,400 pounds.

DIMENSIONS

Width: 60"
Depth: 60"
Height: 121"

**SPECIFICATIONS SUBJECT TO
CHANGE WITHOUT NOTICE**