



BLAST-IT-ALL® - (800) 535-2612

Abrasive Blast Equipment and Replacement Parts

1.5 Cu. Ft. Tumble Blast

- 200 lb. Load Capacity
- 5 Hp Direct Drive Blast Wheel
- 3-Phase Operation
- Continuous Molded Rubber Belt
- Reversing Mill
- Mill Bypass
- Safety Interlocks
- Automatic Timer Controls
- Low Profile Design
- Low Noise Level
- Machine Warranty



Optional Drop Down Door



• *Ideal for small loads and individual cell stations* •

SPECIFICATIONS – 1.5 CU. FT. TUMBLE BLAST

CENTRIFUGAL BLAST WHEEL

WHEEL Direct drive blast wheel revolves at 3510 RPM. Standard blast wheel is 10" in diameter and has four 2" wide 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 2-ply construction with standard 1/4" diameter abrasive drain holes. Rubber tumbling ridges.
*Optional drain hole size.

CONVEYOR ROLLERS
Heavy duty rollers have 1-3/16" solid shafts. All rollers are mounted to the cabinet with standard 4-bolt flange bearings.

LINERS 20" diameter barrelheads are 3/8" abrasive resistant steel. Tight sealing abrasive resistant cabinet liners remove for belt access.

CONVEYOR SPEED
10.2 feet per minute.

CAPACITY 18" wide by 20" diameter mill will handle 1.5 cubic feet or 200 pounds.

CABINET CONSTRUCTION

CABINET Fabricated from 1/4" steel plate. Access holes in sides of cabinet simplify belt and liner replacement. Access doors in rear of cabinet permit removal of tramp metal collected on abrasive screen.

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

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.

ABRASIVE REQUIRED
150 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 400 CFM

ELECTRICS

Type 12 electrical enclosed, thermal overload protection for all motors, standard 230/460 volt ammeter, oil tight push button 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. Unit optionally equipped 230 volt single phase or standard 230/460 volt 3-phase.

Blast Motor 5Hp/3510RPM
Mill Drive 1/2Hp/1800RPM
Elevator Drive 1/2Hp/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 60 db.

SHIPPING WEIGHT

1460 pounds.

DIMENSIONS

Width: 50"
Depth: 47"
Height: 85"

**SPECIFICATIONS SUBJECT TO
CHANGE WITHOUT NOTICE**