

CARDINAL TUMBLE BLAST

Cardinal Parts & Equipment's **TUMBLE BLAST** line carries a variety of sizes to fit your specific application. Visit us online or call today to learn more about our entire selection of wheel blast equipment including Hanger Blast, Table Blast, & Specialty Blast Equipment.

CARDINAL
1200



**TUMBLE
BLAST**

SPECIFICATIONS

- 20 Hp Direct Drive Blast Wheel
- 1600 Lb. Load Capacity
- Rubber Mill Belt
- Automatic Timer Controls
- Low Noise Level
- Vertical Door for Auto Unloading

OPTIONS

- Low Level Sensor/Shield Indicator Light
- Manganese Barrel Heads
- VFD on Blast Wheel
- 2000 CFM Dust Collector
- Adder Hopper
- Cast Barrel Head Liners

SPECIFICATIONS- CARDINAL 1200 TUMBLE BLAST

AIRLESS BLAST UNIT

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: Cast from abrasive resistant alloy for maximum life with a unique design for easy blade replacement.

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 2-3/16" solid shafts. All rollers are mounted to the cabinet with standard 4-bolt flange bearings.

LINERS: 42" diameter barrelheads are 5/8" abrasive resistant steel. Tight sealing abrasive resistant cabinet liners remove for belt access. *Optional cast liner package.

CONVEYOR SPEED: Variable speed.

CAPACITY: 41" wide by 42" diameter mill will handle 12 cubic feet or 1600 pounds.

CABINET CONSTRUCTION

CABINET: Fabricated from 1/2" steel plate. Access holes in sides of cabinet simplify belt and liner replacement. Tramp metal collected on lower abrasive screen.

DOOR: AR400 steel with air operated power lock.

ABRASIVE RECYCLING SYSTEM

ELEVATOR: Centrifugal discharge belt and bucket elevator is rigid and dust tight. All shaft bearings are exterior mounted for extended life. Screw adjusted shaft take-ups provide positive belt alignment.

ABRASIVE REQUIRED: 2000 pounds initial.

ABRASIVE CONTROL: Fully adjustable air actuated butterfly valve provides precise flow control of abrasive. Totally enclosed design means maximum noise suppression.

VENTILATION FEATURES

***OPTIONAL DUST COLLECTOR:** Requires 2000 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 20Hp/3450RPM Mill Drive 1-1/2 Hp/1800RPM Elevator Drive 3/4Hp/1800RPM

SAFETY FEATURES

Blast wheel operational only when door is closed. Door is electrically locked closed during blast cycle. After blast wheel shutdown, adjustable time delay allows flow of abrasive to brake blast wheels to stop before door can be opened.

NOISE LEVEL: 85 DB (approx.)

SHIPPING WEIGHT: Approximately 17,500 pounds.

DIMENSIONS:

Width: 147"
Depth: 81"
Height: 191"

***SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE**



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