

# 3 Cube Barrel Blast



**DISA**

**GOFF**

## Features

**Low Profile Design**

**Low Noise Level**

**Continuous Molded Rubber Mill Belt**

**7-1/2 HP Direct Drive Blast Wheel**

**Mill Reverse**

**Safety Interlocks**

**Automatic Timer Controls**

**400 lb. Load Capacity**

**3 Cubic Feet Capacity**

**Abrasive Airwash Separator**

# SPECIFICATIONS—3BB

## EQUIPMENT DIMENSIONS

	3BB	816DC
Width	4'	3'10"
Height	9'5"	6'8"
Length	4'9"	4'5"
Weight	2500 lbs.	900 lbs.

## GOFF CENTRIFUGAL BLAST WHEEL

**BLAST WHEEL:** The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 12" diameter wheel with 8 curved blades is standard. Balanced wheel components assure smooth operation.

**BLADES:** Unique snap lock design eases blade replacement. Cast from abrasive resistant alloy to insure maximum life. Curved blade design provides maximum abrasive control.

**CONTROL CAGE:** Dial type cage.

**WHEEL HOUSING:** Fabricated from 1/4" wear resistant steel plate. Housing ends and top are lined with replaceable wear resistant liners.

## CABINET CONSTRUCTION

**CABINET:** Pitless type, all welded structurally reinforced cabinet is fabricated from 1/4" steel plate.

**POWER LOCK DOOR:** Electronically controlled pneumatically operated cylinder provides locking action of door.

## MILL CONSTRUCTION

**RUBBER TUMBLE BELT:** Continuous molded rubber tumble belt has 3 ply construction with 5/16" abrasive drain holes. Raised rubber tumbling ridges are molded directly to belt.

**CONVEYOR ROLLERS:** Heavy duty rollers have 1-7/16" diameter solid shafts and mounted to the cabinet with standard (4) bolt flange bearings.



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**LINERS:** 24" diameter barrelheads are 5/8" abrasive resistant steel with special forged retainer bolts. Tight sealing 3/8" alloy steel cabinet liners are standard.

**CONVEYOR SPEED:** 17 feet per minute.

**CONVEYOR DRIVE:** Damage to the tumble belt and liners, due to internal jamming of parts, is reduced by electronic sensing shutdown.

**BARREL SIZE:** 31" wide x 24" diameter mill will handle 3 cubic feet or 400 pounds.

## ABRASIVE RECYCLING SYSTEM

**ELEVATOR:** Centrifugal discharge belt and bucket elevator is dust tight. Quick clamped removable cover permits service and inspection. All shaft bearings are exterior mounted for extended life. Screw adjusted take-up provide positive belt adjustment.

**SCREENING:** Primary screen in cabinet protects elevator from large objects. A secondary screen in storage hopper provides positive blast wheel protection.

**ABRASIVE REQUIRED:** 300 pounds initial.

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

**SEPARATOR:** 12" gravity lip separator has adjustable abrasive spreader and adjustable refuse gate for maximum contaminate removal.

## VENTILATION (optional)

**DUST COLLECTOR:** Optional 800 CFM dust collector contains eight (8) high efficiency filter cartridges which are cleaned automatically by an air pulse unit. Requires 80 to 90 PSI of air at 2 CFM. 2 HP 3450 RPM 230/460 volt/60/3 ph.

## ELECTRICS

NEMA type 12 electrical enclosure, thermal overload protection for all motors, optional single phase or three phase operation, 115 volt secondary control transformer, oil tight push buttons controls. Timer controls for blast wheel motor. Mill lockout for blast pattern test. All motors are totally enclosed and fan cooled to provide maximum life. Unit optionally equipped 230 volt single phase or 230/460 volt 3 phase.

## SAFETY FEATURES

Blast wheel operational only when door is closed. Electric solenoid prevents cabinet door from opening during blast cycle.

**NOISE LEVEL:** Approx. 84 DB.

*Specifications subject to change without notice.*