

# 2 Cube Barrel Blast



***DISA***

**GOFF**

## Features

**5 HP Direct Drive Blast Wheel**

**Mill Reverse**

**9" Air Wash Separator**

**250 Lb. Load Capacity**

**Single or 3 Phase Operation**

**Safety Interlocks**

# SPECIFICATIONS—2BB

## EQUIPMENT DIMENSIONS

	2BB	816DC
<b>Width</b>	4'	3'10"
<b>Height</b>	9'5"	6'8"
<b>Length</b>	4'9"	4'5"
<b>Weight</b>	1900 lbs.	700 lbs.

## GOFF CENTRIFUGAL BLAST WHEEL

**BLAST WHEEL:** The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 9" diameter wheel with 4 curved blades 2" wide is standard. Balanced wheel components assure smooth operation.

**BLADES:** Unique snaplock 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, low profile. Structurally reinforced cabinet is fabricated from 1/4" steel plate. Access holes in sides of cabinet simplify belt and liner replacement. Access door in front of cabinet permits removal of tramp metal collected on abrasive screen.

**DOOR:** Pneumatic door lock.

## MILL CONSTRUCTION

**CONVEYOR:** Molded rubber tumble belt, 2 ply construction with 1/4" diameter abrasive drain holes. Rubber tumbling ridges are molded directly onto the belt.



**DISA Goff, Inc.**  
One Pleasant Grove Road  
PO Box 1607  
Seminole, Oklahoma 74818-1607  
USA

Tel 405-382-6900  
Tel 800-654-4633  
Fax 405-382-7013  
disagoff@disagoff.com  
www.disagoff.com



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

**LINERS:** 22" diameter barrelheads are 3/8" abrasive resistant steel with special forged retainer bolts. Tight sealing 1/4" steel cabinet liners remove for belt access.

**CONVEYOR SPEED:** 19 feet per minute.

**CAPACITY:** 24" wide x 22" diameter mill will handle 2 cubic feet or 250 pounds. Work Height Load 39".

## 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:** Abrasive screening in cabinet eliminates tramp material from entering blast wheel.

**ABRASIVE REQUIRED:** 175 pounds initial.

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

**SEPARATOR:** 9" gravity lip separator has adjustable abrasive spreader and adjustable refuse gate for maximum contaminate removal.

## VENTILATION

**DUST COLLECTOR:** Optional 500 CFM dust collector available. 115/60/single or 230/460/60/3 Phase.

## 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. 60 DB.

*Specifications subject to change without notice.*