

2 1/2 Cube Barrel Blast



DISA

GOFF

Features

250 lb. Load Capacity

3 HP Direct Drive Blast Wheel

Single or 3 Phase Operation

Continuous Molded Rubber Mill Belt

Low Noise Level

Safety Interlocks

Automatic Timer Controls

Machine Warranty

Low Profile

SPECIFICATIONS—2.5BB

EQUIPMENT DIMENSIONS

	2.5BB	1848DC
Width	4'4	2'3"
Height	8'5"	7'1"
Length	4'5"	2'9"
Weight	1740 lbs.	375 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 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, low profile, formed to maintain structural integrity, the cabinet is fabricated from 10 ga. And 1/4" steel plate. Access holes in sides of cabinet simplify belt replacement. Access door in back of cabinet permits removal of tramp metal collected on abrasive screen.

DOOR: Pneumatically locked door opens and closes easily and provides full access to blast chamber. Door is positively sealed from abrasive and dust leakage.



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THE A. P. MOLLER GROUP

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 1-3/16" diameter solid shafts and mounted to the cabinet with standard (4) bolt flange bearings.

CONVEYOR SPEED: 17 feet per minute.

CAPACITY: 30" wide x 24" diameter mill will handle 2.5 cubic feet or 250 pounds.

WORK LOAD HEIGHT: 4 ft.

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 metal from entering blast wheel.

ABRASIVE REQUIRED: 175 pounds initial.

ABRASIVE CONTROL: Totally enclosed butterfly valve is air cylinder operated. Valve is fully adjustable for positive abrasive flow control.

VENTILATION

DUST COLLECTOR: Optional 500 CFM dust collector available 3/4 HP/3600 RPM, 230/60 single phase 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, 230/460 volt ammeter, oil tight push button controls. Timer controls both abrasive flow and 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. Chain drive is fully guarded.

NOISE LEVEL: Approx. 60 DB.

Specifications subject to change without notice.