



3 Cube Barrel Blast



GOFF[®]

"Blasting Solutions"

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 Separator

Machine Warranty

SPECIFICATIONS—3BB

EQUIPMENT DIMENSIONS

	3BB	816DC	1850DC
Width	4'	3' 10"	4' 2"
Height	9' 5"	6' 8"	7' 6"
Length	4' 9"	4' 5"	5' 10"
Weight	2500 lbs.	900 lbs.	900 lbs.

GOFF CENTRIFUGAL BLAST WHEEL

BLAST WHEEL: The direct drive blast wheel is C-faced mounted and revolves at 3600 RPM for maximum abrasive velocity. The blast wheel is available in 12", 13.5" and 15" diameters. Balanced wheel components assure smooth operation.

BLADES: Cast from abrasive resistant alloy to insure maximum life. The unique blade design allows for easy blade replacement.

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. Vertical Lift Door is optional.

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.

LINERS: 24" diameter barrelheads are 5/8" abrasive resistant cast alloy with hardened counter sink retainer bolts for a smooth interior finish. Tight sealing 3/8" alloy steel cabinet liners are standard.

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CONVEYOR SPEED: 17 feet per minute.

MILL BELT JAM PROTECTION: Damage to the tumble belt and liners, due to internal jamming of parts, is reduced by an electronic jam monitor. This device monitors current spikes that occur due to part jamming and shuts down the motor when spikes occur. The monitor is load size adjustable by customer.

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

DUST COLLECTOR: Optional 780 CFM 1850 Dust Collector contains eighteen 4-1/2" diameter by 50" polyester bags which are cleaned automatically by an air pulse unit. Requires 80 to 110 PSI of air at 2 CFM. 3 HP 3450 RPM 230/460 volt/60/3 ph. Or optional 780 CFM 816 Dust Collector which contains eight 8" OD x 16" long round cartridges which are also cleaned.

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.