



## 6 Cube Barrel Blast "S"



# GOFF®

*"Blasting Solutions"*

### FEATURES

Automatic Timer Control  
Air Operated Power Door  
Continuous Molded Rubber Mill Belt  
15 HP Direct Drive Blast Wheel  
Rubber Mill Belt

Machine Warranty  
Quick Cleaning Cycle  
Safety Interlocks  
Abrasive Resistant Liners  
800 lb. Load Capacity

# SPECIFICATIONS—6BB

	6BB	816DC
Width	6'2"	3'10"
Height	12'3"	6'8"
Length	6'1"	4'5"
Weight	5600 lbs.	900 lbs.

## GOFF AIRLESS BLAST WHEEL

**BLAST WHEEL:** The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 12" diameter wheel with 8 curved blades 3" wide is standard. Balanced wheel components assure smooth operation.

**BLADES:** 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 is lined with cast interlocking abrasive resistant liners.

## CABINET CONSTRUCTION

**CABINET:** Pitless type, all welded structurally reinforced cabinet is fabricated from 3/8" steel plate and manganese plate.

**POWER LOCK DOOR:** Electronically controlled with fingertip action. Pneumatically operated air cylinder provides opening/closing action of power door for full access to blast chamber.

## MILL CONSTRUCTION

**RUBBER TUMBLE BELT:** Continuous molded rubber tumble belt has 4 ply construction with 5/16" abrasive drain holes. Raised rubber tumbling ridges are molded directly to belt.

**CONVEYOR ROLLERS:** Heavy duty rollers have 2" diameter solid shafts and mounted to the cabinet with standard (4) bolt flange bearings.

**LINERS:** 28" diameter barrelheads are 5/8" abrasive resistant steel with special forged retainer bolts. Tight sealing 3/8" alloy steel cabinet liners are standard.

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**CAPACITY:** 6 cu. feet, 800 pounds nominal.

**CONVEYOR SPEED:** 12 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.

**BARREL SIZE:** 38-3/4" wide x 28" diameter.

## 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:** 400 pounds initial.

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

**SEPARATOR:** 14" gravity lip separator has adjustable abrasive spreader and adjustable refuse gate for maximum contaminate removal.

## VENTILATION

**DUST COLLECTOR:** Optional 800 CFM dust collector contains eight (8) cartridge elements which are cleaned automatically by an air pulse unit. Requires 80 to 110 PSI of air at 2 CFM.

## ELECTRICS

NEMA type 12 electrical enclosure, fusible disconnect switch, thermal overload protection on all motors, 230/460 volt primary, 115 volt secondary control transformer, oil tight push buttons controls. Blast cycle timer controls for abrasive flow and blast wheel motor. Mill lockout for blast pattern test. End cycle alarm signal and hour meter standard.

All motors TEFC, ball bearing, 230/460 volt, 3 phase.

## SAFETY FEATURES

Blast wheel operational only when front power door is closed and secure. Automatic power shutdown if internal jamming occurs. Electric solenoid prevents cabinet door from opening during blast cycle.

**NOISE LEVEL:** Approx. 85 DB.

*Specifications subject to change without notice.*