



# 6 Cube Barrel Blast “D”



# **GOFF**®

*“Blasting Solutions”*

## FEATURES

**Rotary Scalping Drum**

**Dual Elevator System**

**Eye-Level Separator Adjustments**

**15 HP Direct Drive Blast Wheel**

**Rubber Mill Belt**

**Machine Warranty**

**Quick Cleaning Cycle**

**Safety Interlocks**

**Automatic Timer Controls**

# SPECIFICATIONS—6BBD

	6BBD	DGCO 3-3
Width	10'5"	25"
Height	11'6"	96"
Length	4'9"	65"
Weight	7,000 lbs.	1275 lbs.

## AIRLESS BLAST UNIT

**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 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.

**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.

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

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**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. 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:** 37" wide x 28" diameter.

## ABRASIVE RECYCLING SYSTEM

**SCREW CONVEYORS:** Heavy duty 6" screws with solid shafting are chain and sprocket driven and protected by torque limiting clutch.

**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:** 1200 pounds initial.

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

**SEPARATOR:** Double 20" lip separator has adjustable abrasive spreader and adjustable refuse gate for maximum contaminate removal.

## VENTILATION

**DUST COLLECTOR (optional):** 2,000 CFM dust collector is fully self contained and is optional. Collector contains 8 cartridges which are cleaned automatically by a reverse pulse system. Requires 90-100 PSI of air at 7.5 SCFM. Free standing collector will accommodate 55 gallon refuse drum.

## 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 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.*