



# 3060 "S" Spinner Hanger



# **GOFF**®

*"Blasting Solutions"*

## FEATURES

**Pitless Design**

**Rotary Screen**

**Two 10 HP Direct Drive Blast Wheels**

**Single 20 Inch Lip Air Wash Separator**

**Continuous Production Carousel Design**

**Machine Warranty**

**Multiple Indexing**

**Cast Lined Rotating Chamber**

**1,000 Lb. Hook Capacity**

# SPECIFICATIONS—3060S

## EQUIPMENT DIMENSIONS

	3060S	GCO 2-4
Width	9'10"	45"
Height	13'5"	119"
Length	7'9"	62"
Weight	10,000#	1,125#

## TWO AIRLESS BLAST UNITS

**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 fully incased with replaceable wear resistant liners.

## CABINET CONSTRUCTION

**CABINET:** Pitless type, all welded structurally reinforced cabinet fabricated from 1/4" steel plate. Side Access door provides complete access to blast chamber for inspection and maintenance of blast wheels and internal blast chamber parts. Abrasive resistant liner protects steel door from abrasive rebound.

## BLAST CHAMBER CONSTRUCTION

**DUAL CHAMBER:** Structurally reinforced, fully welded chamber is fabricated from 1/4" and 3/8" abrasive resistant steel plate. Chamber revolves on a 3" diameter shaft supported by a heavy duty thrust bearing. Hook spindles are provided on each chamber.

**LINING:** The blast chamber is lined with cast alloy. Top and bottom of chamber lined with abrasive resistant steel.

**SEALS:** Dual heavy-duty rubber seals on chamber sides and top. Abrasive accumulation on chamber bottom provides positive sealing of blast chamber during operation. Unique seal design reduces any abrasive leakage.

**CHAMBER SPEED:** 3 RPM nominal.

**DRIVE:** Chamber is revolved by an electric motor and gear reducer. Adjustable stops work in conjunction with automatic switching provides variable index positioning.

**HOOK SPINDLE:** Continual rotation of hook spindle, 15 RPM., Capacity 1,000 pounds maximum.

**CAPACITY:** Maximum area provided for material to be blasted is 30" diameter x 50" long.

## ABRASIVE RECYCLING SYSTEM

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**SCREW CONVEYORS:** Moves abrasive from the bottom of machine to the elevator using a heavy duty 9" OD screw flight supported by a 2" shaft.

**ELEVATOR:** Centrifugal discharge belt and bucket elevator using a 5", 2 ply heavy duty rubber belt and abrasive resistant polyethylene buckets. Quick clamped removable door permits service and inspection. All shaft bearings are exterior mounted for extended life. Screw adjusted take-up provides positive belt adjustment.

**SCREENING:** Primary screen in cabinet protects screw conveyor and elevator from large objects. An optional perforated rotary screen between elevator and separator is available to automatically remove small foreign objects from the abrasive mix.

**ABRASIVE REQUIRED:** 2,500 pounds.

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

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

## VENTILATION FEATURES

**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 secondary control transformer, blast wheel ammeters, oil tight push buttons, hour meter, automatic reset abrasive cycle timer. Chamber lockout and independent blast wheel operation for precise blast pattern test. Full Load Amperes without dust collector 230V, 3 Ph, 60 Hz/460V, 3 Ph, 60 Hz.

## SAFETY FEATURES

Blast wheels operational only when door is closed. Double positive contact chamber seals prevent stray abrasive. Emergency stop button provided on control panel.

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

*Specifications subject to change without notice.*

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