

# 3672 "S" Spinner Hanger



***DISA***

**GOFF®**

## Features

**Pitless Design**

**Rotary Screen**

**Two 10 HP Direct Drive Blast Wheel**

**Single 20 Inch Lip Air Wash Separator**

**Continuous Production Carousel Design**

**Multiple Indexing**

**Abrasive Resistant Cast Lined**

**1,000 Lb. Hook Capacity**

# SPECIFICATIONS—3672S

## EQUIPMENT DIMENSIONS

	3672S	FMC
Width	10'9"	2'2"
Height	18'	15'0"
Length	10'	3'9"
Weight	10,000	1,000 lbs.

## TWO AIRLESS BLAST UNITS

**WHEEL:** The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 12" diameter wheel 3" wide is standard. Balanced wheel components assure smooth operation. Blast wheels can be operated separately or on series.

**BLADES:** Unique snap lock design eases blade replacement. Cast from abrasive resistant alloy to insure maximum life. Curved blade design provides maximum abrasive control.

**WHEEL HOUSING:** Fabricated from 1/4" steel plate. Housing lined with cast interlocking abrasive resistant liners.

**CONTROL CAGE:** Dial type enclosed cage gives positive adjustment of blast pattern. Cast alloy steel construction.

## CABINET CONSTRUCTION

**CABINET:** Pitless type, all welded structurally reinforced cabinet fabricated from 1/4" steel plate. Rear 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" 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.



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**DRIVE:** Chamber is revolved by an electric motor and gear reducer. An inverter is utilized to provide variable chamber speed plus soft start-soft stop. 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 36" diameter x 60" long.

## ABRASIVE RECYCLING SYSTEM

**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. A perforated rotary screen between elevator and separator automatically removes small foreign objects from the abrasive mix.

**ABRASIVE REQUIRED:** 2,000 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):** FMC200-2A-5 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.*

