



3672 “D” Spinner Hanger



GOFF®

“Blasting Solutions”

FEATURES

Pitless Design

Continuous Production

Two 10 HP Direct Drive Blast Wheel

Single 20 Inch Lip Separator

Rotary Screen

Multiple Indexing

Abrasive Resistant Liners

2,000 Lb. Hook Capacity

Machine Warranty

SPECIFICATIONS—3672D

EQUIPMENT DIMENSIONS

	3672D	DFO 2-4
Width	13' 9-3/4"	3' 9"
Height	14' 3"	9' 11"
Length	10' 2"	5' 2"
Weight	19,960#	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. 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 wheels are located on rear panel.

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.

DRIVE: Chamber is revolved by an electric motor and gear

reducer activating a low speed-high torque "HTD" type drive assembly. An AC inverter is utilized in the electrical system to provide variable chamber speed plus soft start-soft stop. Adjustable stops on chamber top working in conjunction with automatic electrical switching provides variable indexing.

HOOK SPINDLE: Continual rotation of hook spindle, 15 RPM., Capacity 2,000 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 abrasive.

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)

3,000 CFM dust collector is fully self contained and is optional. Collector contains 16 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.

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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