

4884 Spinner Hanger



DISA

GOFF®

Features

2 - 15HP Blast Wheels

Large Work Envelope

Dual 30" Lip Separators

Continuous Production

Rotary Screen

Multiple Indexing

Pitless Design

Many Options Available

SPECIFICATIONS—4884 Spinner Hanger

BLAST WHEELS

WHEELS—The blast wheels are directly driven by a 3600 RPM motor for maximum abrasive velocity. The blast wheels are DISA Goff's 12" diameter wheel with 7 curved blades that are 3" wide. Blast wheels can be operated separately or in conjunction. All revolving wheel components are balanced for smooth operation.

BLADES—Unique interlocking design eases blade replacement. Cast from abrasive resistant alloy to assure maximum life. Curved blade design provides for maximum abrasive control.

CONTROL CAGE—The dial type cage gives positive adjustment of blast patterns. Cast alloy steel constructed.

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

CABINET & BLAST CHAMBER CONSTRUCTION

CABINET—Pitless type, all welded structurally reinforced cabinet is fabricated from 1/4" and 3/8" steel plate. Two rear doors provide complete access to blast chamber for periodic inspection and maintenance of blast wheels and internal blast chamber parts. Rubber door seals prevent abrasive escape. Abrasive resistant liner protect steel doors from abrasive rebound. Blast wheels are located on rear access doors.

DUAL BLAST CHAMBERS—Structurally reinforced and fully welded chamber is fabricated from 1/4" and 3/8" steel plate. The chamber revolves on a solid 3" spindle shaft supported by a heavy duty thrust bearing. One hook spindle is provided for each chamber.

LINING—The blast chamber is fully lined with cast alloy steel.

SEALS—Dual heavy duty rubber seals on

chamber sides and top. Abrasive accumulation on chamber top provides positive sealing of blast chamber during operation. Unique seal design reduces abrasive leakage.

CHAMBER CAPACITY—Maximum area provided for material to be blasted is 48" diameter x 72" long.

CHAMBER SPEED—3 rpm.

DRIVE—Chamber is revolved by rubber tire wheel and hydraulic motor. Hydraulic solenoid valves control starting and stopping action. Adjustable stops on chamber top working in conjunction with automatic electrical switching provide variable indexing.

HOOK SPINDLE—Continual rotation of hook spindle during blasting operation provides full exposure of parts to the blast stream.

HOOK SPINDLE CAPACITY—2000 pounds maximum.

HOOK SPINDLE SPEED—6 rpm.

ABRASIVE RECYCLING SYSTEM

SCREW CONVEYORS—Screw conveyors constructed with two heavy duty 6" sectional flights. Lower screws protected by torque limiting clutch.

ELEVATOR—Centrifugal discharge belt and bucket elevator is rigid and dust tight. Quick clamped removable doors permit service and inspection. All shaft bearings are exterior mounted for extended life. Screw adjusted shaft take-ups provide positive belt alignment.

SEPARATOR—Dual 30" lip separator can be monitored at eye level. Dual separation provides thorough air washing of abrasive for maximum contaminate removal.

ABRASIVE SCREENING—Primary screen in cabinet protects screw conveyor and elevator from large objects. A 1/4" x 1/4" perforated rotary screen between elevator and separator automatically removes foreign objects from abrasive.

ABRASIVE HOPPER—Capacity 4000 lbs.

ELECTRICAL COMPONENTS

CONTROL PANEL—To facilitate semi-automatic or manual control, operation and/or monitoring of the machine electrical and electro-mechanical components. 460/3/60 primary voltage with 230/3/60 optional.

MACHINE ELECTRICAL WIRING—All electrical motors and machine control devices on the machine will be completely prewired at our facility to simplify installation. Machine wiring is terminated to a terminal strip in the control panel. No interconnecting field wiring is required. Electrical wiring is in accordance with NEC standards.

ELECTRICAL MOTOR SCHEDULE

Blast Wheels (2)	15 HP—3600 RPM
Elevator	1.5 HP—1800 RPM
Bottom Screw	1.5 HP—1800 RPM
Rotary Screen	3/4 HP—1800 RPM
Top Screw	1.5 HP—1800 RPM
Spindle Drive	1 HP—1800 RPM
Hydraulic Power Unit	2 HP—1800 RPM
Dust Collector (Optional)	20 HP—3600 RPM

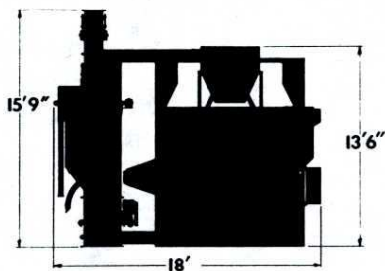
VENTILATION FEATURES

The Dust Collector is fully contained and is an optional feature. Collector contains cartridges which are cleaned automatically by an air pulse unit. Free standing collector will accommodate 55 gallon refuse drums.

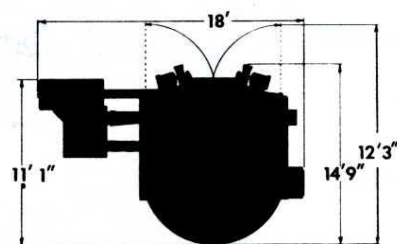


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FRONT ELEVATION



SIDE ELEVATION