

2460 "D" Spinner Hanger



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Features

Pitless Design

Continuous Production

Two 7-1/2 HP Direct Drive Blast Wheel

Dual 20 Inch Lip Separator

Cast Lined Blast Chambers

Rotary Scalping Drum

Multiple Indexing

Safety Interlocks

1,500 Lb. Hook Capacity

SPECIFICATIONS—2460D

EQUIPMENT DIMENSIONS

	2460D	FMC
Width	9'8"	2'2"
Height	11'7"	8'6"
Length	6'7"	4'9"
Weight	9,700	1,300 lbs.

TWO AIRLESS BLAST UNITS

WHEEL: The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 12" diameter wheel with 7 curved blades 3" wide is standard. Balanced wheel components assure smooth operation.

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



DISA Goff, Inc.
One Pleasant Grove Road
PO Box 1607
Seminole, Oklahoma 74818-1607
USA

Tel 405-382-6900
Tel 800-654-4633
Fax 405-382-7013
disagoff@disagoff.com
www.disagoff.com



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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 1,500 pounds maximum.

CAPACITY: Maximum area provided for material to be blasted is 24" diameter x 48" long.

ABRASIVE RECYCLING SYSTEM

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

ELEVATOR: Centrifugal discharge belt and bucket elevator is rigid and dust tight. 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: Floor level separator unit eliminates the need for platforms and ladders. Double 20" lip separator can be monitored at eye level. Dual separation provides thorough air washing of abrasive for maximum contaminate removal.

VENTILATION FEATURES

DUST COLLECTOR FMC200-4L-7.5 (optional)

3,700 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 wheel 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.