

2460 "S" Spinner Hanger



DISA

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Features

Pitless Design

Continuous Production Carousel Design

(2) 7-1/2 HP Direct Drive Blast Wheels

Single 20 Inch Lip Air wash Separator

(2) Cast Lined Blast Chambers

Rotary Scalping Drum

Multiple Indexing

Safety Interlocks

500 Lb. Hook Capacity

SPECIFICATIONS—2460S

EQUIPMENT DIMENSIONS

	2460S	FMC
Width	8'	2'2"
Height	13'5"	15'0"
Length	6'7"	3'9"
Weight	9,000 lbs.	1,000 lbs.

TWO AIRLESS BLAST UNITS

WHEEL: The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 12" diameter wheel 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 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: New to be supplied.

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: Single 20" lip separator. Adjustable abrasive spreader and refuse gate for thorough air washing of abrasive provides 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 (excludes dust collector):
230V/3Ph/60Hz - 48 Amps, 230V/3Ph/60Hz - 24 Amps.

SAFETY FEATURES

Blast wheel operational only when rear door is secured. Double positive contact chamber seals prevent stray abrasive. Emergency stop button provided on control panel. Reversing pressure safety switch at chamber opening. Hold down pushbutton for chamber rotation.

NOISE LEVEL: Approx. 85 DB.

Specifications subject to change without notice.

AVAILABLE OPTIONS to optimize the machine to your specific requirements and application.