

1224 Spinner Hanger



DISA

GOFF

Features

Pitless Design

Continuous Production

(2) 5 HP Direct Drive Blast Wheel

Single 12 Inch Lip Separator

Abrasive Resistant Blast Chambers

Multiple Indexing

Safety Interlocks

100 Lb. Hook Capacity

SPECIFICATIONS—1224

EQUIPMENT DIMENSIONS

| | 1224 | 328-1½DC |
|--------|-------|----------|
| Width | 7'7" | 2'7" |
| Height | 5' | 5' |
| Length | 4'2" | 2'8" |
| Weight | 2,600 | 930 |

AIRLESS BLAST UNITS

WHEEL: The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 9" diameter wheel with 4 curved blades 2" 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. Swing away Blast Wheels provide access for periodic inspection and maintenance of blast wheel.

BLAST CHAMBER CONSTRUCTION

DUAL CHAMBER: Fully welded chamber is fabricated from 1/2" abrasive resistant steel plate. Chamber revolves on a solid 2" diameter shaft supported by a heavy duty thrust bearing. Hook spindles are provided on each chamber.

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: Exterior mounted electric motor and gear reducer transmit power through a chain driven wheel to revolve chamber. Adjustable stops on chamber top working in conjunction with automatic electrical switching provide variable indexing. Number of index stops variable from one to three per chamber.

HOOK SPINDLE: Continual rotation of hook spindle during blasting operation provides full exposure of parts to the blast pattern. 15 RPM., Capacity 100 pounds maximum.

CAPACITY: Maximum area provided for material to be blasted is 12" diameter x 24" long.

ABRASIVE RECYCLING SYSTEM

ELEVATOR: Centrifugal discharge belt and bucket elevator is rigid and dust tight. Removable doors permit 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 screen above hopper removes small foreign objects from abrasive.

CABINET VENTILATION: Air inlet and outlet positioned to provide maximum dust evacuation of blasting zone.

ABRASIVE REQUIRED: 350 pounds.

ABRASIVE CONTROL: Fully adjustable butterfly valve provides precise flow control of abrasive. Totally enclosed design means maximum noise suppression.

VENTILATION FEATURES

700 CFM Dust Collector is fully contained and is an optional feature. Collector contains 3, 14" diameter by 28" long cartridges which are cleaned automatically by an air pulse unit (requires 80 to 110 PSI of air 4 CFM). Free standing collector 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 for precise blast pattern test.

SAFETY FEATURES

Blast wheels operational only when rear door is securely closed. Double positive contact chamber seals prevent stray abrasive. Abrasive valves operative only during timed blast cycle. Emergency stop button provided on control panel.

NOISE LEVEL: Approx. 85 DB.

Specifications subject to change without notice.