

4860D Hanger Table



DISA

GOFF®

Features

2 - 10 HP Blast Wheels

52" Work Table

Dual 20" Lip Separator

4,000 Lb. Hook Capacity

Rotary Screen

Automatic Abrasive By-Pass

Pitless Design

Abrasive Resistant Liners

SPECIFICATIONS—4860D

EQUIPMENT DIMENSIONS

	4860D	FMC
Length	10'2"	3'9"
Width	8'2"	2'2"
Height	13"	14"
Weight	8,5 lbs.	1,000 lbs.

TWO AIRLESS BLAST UNITS (STANDARD)

WHEELS: Two direct drive blast wheels revolve 3600 RPM for maximum abrasive velocity. 12" diameter wheel with 7 curved blades that are 3" wide standard. 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 CONSTRUCTION

CABINET—Pitless type, all welded structurally reinforced cabinet is fabricated from 3/8" abrasive resistant steel and 1/2" manganese steel plate in the blast area. **WORK TABLE:** 52" diameter work table is constructed of 1/2" steel plate and is covered with removable abrasive resistant liners. Table revolves on a 2" diameter shaft supported by a thrust bearing. Table revolves on a 2" diameter shaft supported by a thrust bearing. Table drive consisting of an electric motor and gear reducer, transmits power

through a special spring loaded rubber drive wheel. Maximum load capacity of table is 4,000 pounds and revolves at 7 RPM.

AREA CAPACITY: Maximum area provided for material to be blasted is 48" diameter x 60" long.

POWER LOCK DOOR: Electronically controlled with fingertip action. Pneumatically operated air cylinder provides locking action of door. The door is fabricated from 3/8" wear resistant plate. The unique lapped door seal prevents abrasive escape.

BLAST UNIT MOUNTING: Unique mounting allows blast unit to be pivoted up to 30° included angle to assure full coverage of all parts to be cleaned. Electrically controlled with adjustable timer, the pivoting action power is controlled by a pneumatic cylinder.

SPINDLE: Continual rotation of load carrying I-beam spindle during blasting operation provides full exposure of parts to the blast pattern. I-beam spindle will accommodate most trolleys designed for use with 6" 12.5 I-beam. Maximum load capacity of spindle is 4,000 lbs. and rotates at 4.3 RPM.

ABRASIVE RECYCLING SYSTEM

SCREW CONVEYORS: Screw conveyors constructed with two heavy duty 6" helicoid flighting.

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 20" lip separator. Adjustable abrasive spreader and refuse gate assures thorough air washing of abrasive for maximum contaminate removal.

ABRASIVE 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 the system.

CABINET VENTILATION: Air inlet and outlet positioned to provide maximum dust evacuation of blast chamber.

ABRASIVE REQUIRED: 3,000 lbs.

ABRASIVE CONTROL: Fully adjustable butterfly valves provide precise flow control of abrasive to each blast wheel. Totally enclosed design assures maximum noise suppression.

VENTILATION FEATURES

FMC 200-2A-7.5: 2,400 CFM dust collector is fully self contained and optional. Contains 8 cartridges which are cleaned automatically by reverse pulse system. Requires 90-100 PSI of air at 7.5 CFM. Free standing and accommodates a 55 gallon drum.

ELECTRICAL COMPONENTS

NEMA type 12 electrical enclosure, fusible disconnect switch, thermal overload protection on all electric motors, 230/460 volt primary, 115 volt secondary control transformer, blast wheel motor ammeters, oil tight push buttons, hour meter, automatic reset abrasive cycle timer. Independent blast wheel operation for precise blast pattern test.

ELECTRIC MOTORS

All motors TEFC ball bearings, 230/460 volt, 3 phase.

SAFETY FEATURES

Blast wheels operational only when door is securely closed. 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.



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