

60" Table Blast



DISA

GOFF®

Features

**(2) 7-1/2 HP Blast Wheels
5,000 Lb. Loads
Integral Dust Collector
Pitless Design
Safety Interlocks**

**20" Gravity Lip Separator
Abrasive Tight Cabinet
Abrasive Resistant Steel Cabinet
Oscillating Blast Wheels
Automatic Timer Controls**

SPECIFICATIONS—60TB

EQUIPMENT DIMENSIONS

	60TB	FMC
Width	9'2"	2'2"
Height	14'	15'0"
Length	7'11"	3'9"
Weight	8700 lbs.	1,000 lbs.

AIRLESS BLAST UNIT

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.

CONTROL CAGE: Dial type cage.

WHEEL HOUSING: Fabricated from 1/4" wear resistant steel plate. Housing ends and top are lined with replaceable wear resistant liners.

CABINET CONSTRUCTION

CABINET: Pitless type, all welded structurally reinforced cabinet is fabricated from 3/8" wear resistant steel plate. Opposing wall to blast wheels is 1/2" wear resistant steel plate.

WORK TABLE: 60" diameter work table is constructed of 3/8" steel plate with abrasive resistant liner standard. Cabinet configuration makes work table accessible by overhead hoist. Heavy duty table support bearings are completely enclosed for protection from stray abrasive.

TABLE DRIVE: Exterior mounted electric motor and gear reducer transmit power through special spring loaded rubber drive wheel. Table revolves at 4-1/2 RPM.

WORK LOADING HEIGHT: 26"

MAXIMUM WORK DIMENSIONS: 60" diameter or diagonal, 52" high.



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WORK LOAD CAPACITY: 5,000 pounds.

POWER LOCK DOOR: Electrically controlled, pneumatically operated air cylinder provides locking action of the door. Labyrinth door seal prevents abrasive escape. Abrasive resistant liner protects door from abrasive rebound.

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

ABRASIVE RECYCLING SYSTEM

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

ELEVATOR: Centrifugal discharge belt and bucket elevator is dust tight. Quick clamped removable cover permits service and inspection. All shaft bearings are exterior mounted for extended life. Screw adjusted take-up provide positive belt adjustment.

SCREENING: Primary screen in cabinet protects elevator from large objects. A perforated rotary screen between elevator and separator automatically removes small foreign objects from abrasive.

ABRASIVE REQUIRED: 2,000 pounds initial.

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

SEPARATOR: Single 20" lip separator has adjustable abrasive spreader and adjustable refuse gate for thorough air washing of abrasive provides maximum contaminate removal.

VENTILATION FEATURES

DUST COLLECTOR (optional): FMC200-2L-5 1,850 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 volt secondary control transformer, blast wheel motor ammeters, oil tight push buttons, digital abrasive cycle timer. Timer controls both abrasive flow and blast wheel motor. Cycle alarm signal and hour meter standard.

SAFETY FEATURES

Blast wheel operational only when door is closed. Door is locked closed electrically during blast cycle. After blast wheel shutdown, adjustable time delay allows flow of abrasive to brake blast wheels to stop before door can be opened.

NOISE LEVEL: Approx. 85 DB.

Specifications subject to change with out notice.