

72" Table Blast



DISA

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Features

20 HP Direct Drive Blast Wheel

6,000 Lb. Loads

Optional 2nd Blast Wheel

Totally Enclosed Abrasive Valve

Safety Interlocks

Single 20" Air Wash Separator

Abrasive Tight Cabinet

Abrasive Resistant Steel Cabinet

Heavy Duty Elevator System

Automatic Timer Controls

SPECIFICATIONS—72TB

EQUIPMENT DIMENSIONS

	72TB	FMC
Width	10'4"	2'2"
Height	14'1"	14'6"
Length	7'11"	3'9"
Weight	7500 lbs.	1000 lbs.

AIRLESS BLAST UNIT

WHEEL: (1) 20 HP direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 12" diameter wheel 3" wide blades is standard. Balanced wheel components assure smooth operation. (Option: Two wheel model available).

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 is lined with cast interlocking abrasive resistant liners.

CABINET CONSTRUCTION

CABINET: Pitless type, all welded structurally reinforced cabinet is fabricated from 1/4" wear resistant steel plate. Built to withstand years of continuous usage.

CABINET LINERS: Blast chamber strategically lined with abrasive resistant steel. Interchangeable abrasive resistant liners are in line of direct blast.

WORK TABLE: 72" diameter work table is constructed of 1/2" 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 7 RPM.

WORK LOADING HEIGHT: 38-1/2"



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MAXIMUM WORK DIMENSIONS: 72" diameter or diagonal, 30" high at edge and 43" at center.

WORK LOAD CAPACITY: 6,000 pounds.

CABINET ACCESS: Lower access pan permits quick abrasive change. Clearance under abrasive reclaim system permits thorough cleanup.

CABINET DOOR: Air cylinder powered cam lock door is positively sealed from abrasive and dust leakage. Abrasive resistant liner protects door from abrasive rebound.

ABRASIVE RECYCLING SYSTEM

SCREW CONVEYORS: Moves the abrasive from the bottom of the machine to the elevator using a heavy duty 9" screw flight supported by a 2" shaft.

ELEVATOR: Centrifugal discharge belt and bucket elevator using 5" 2-ply heavy duty rubber belt and cast iron buckets. Quick clamped removable door permits service and inspection. All shaft bearings are exterior mounted for extended life. Screw adjusted take-up provide positive belt adjustment. Powered by 1-1/2 HP, 1800 RPM motor and reducer.

SCREENING: Primary screen in cabinet protects elevator from large objects. A secondary screen in storage hopper provides positive blast wheel protection.

ABRASIVE REQUIRED: 3,000 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" gravity lip separator has adjustable abrasive spreader and adjustable refuse gate for maximum contaminate removal.

VENTILATION FEATURES

FMC200-2A-5 2000 CFM dust collector is fully self contained. Contains 8 cartridges which are automatically cleaned by reverse air pulse system. Requires 90-100 PSI of air at 7.5 CFM. Free standing and accommodates a 55 gallon 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, 15 minute abrasive cycle timer. Timer controls both abrasive flow and blast wheel motor. Table jog switch to ease loading. Table lockout for blast pattern test. Cycle alarm signal and hour meter standard. Full load Amperes (excludes dust collector): 230V/3Ph/60Hz—57 Amps, 460V/3Ph/60Hz—29 Amps.

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.