48" Table Blast

DISA

GOFF

Features

Automatic Timer Controls

Pulse Air Type Dust Collector

15 HP Direct Drive Blast Wheel

5,000 Lb. Loads

Safety Interlocks

Quick Cleaning Cycle

Abrasive Tight Cabinet

Abrasive Resistant Liners

SPECIFICATIONS—48TB

EQUIPMENT DIMENSIONS

	48TB	816DC
Width	7'3"	Self contained
Height	10'2"	
Length	7'4"	
Weight	5100 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 1/4" steel plate.

CABINET LINERS: Blast Chamber strategically rubber lined. Abrasive resistant steel liners are in line of direct blast.

WORK TABLE: 48" 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: 34"

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ISO 9001 Quality System Certified

A.P. MOLLER - MAERSK GROUP

MAXIMUM WORK DIMENSIONS: 48" diameter or diagonal, 19" high at edge, 36" at center.

WORK LOAD CAPACITY: 5,000 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. Rubber liner protects door from rebounding abrasive.

ABRASIVE RECYCLING SYSTEM

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 secondary screen in storage hopper provides positive blast wheel protection.

ABRASIVE REQUIRED: 400 pounds initial.

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

SEPARATOR: 12" gravity lip separator has adjustable abrasive spreader and adjustable refuse gate for maximum contaminate removal.

VENTILATION FEATURES

800 CFM dust collector is fully self contained and is standard. Collector contains 18, 4-1/2" diameter by 50" long polyester bags which are cleaned automatically by an air pulse unit. Requires 80 to 110 PSI of air at 2 CFM. All vent piping to collector is furnished.

ELECTRICS

NEMA type 12 electrical enclosure, thermal overload protection for all motors, optional single phase or three phase operation, 115 volt secondary control transformer, oil tight push buttons, 15 minute abrasive cycle timer. Timer controls for both abrasive and blast wheel motor. Table jog switch to ease loading. Table lockout for blast pattern test. 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 wheel before door can be opened.

NOISE LEVEL: Approx. 84 DB.

 Specifications subject to change without notice.

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