

48 INCH TABLE BLAST MACHINE

Model # T1-48x25

FEATURES

- 4000 LB LOAD CAPACITY
- 15 HP DIRECT DRIVE RIM-LOC BLAST WHEEL
- 460VAC, 3 PHASE
- REINFORCED RUBBER ROLL UP DOOR
- SAFETY INTERLOCKS
- AUTOMATIC TIMER CONTROLS
- 1 YEAR MACHINE WARRANTY
- SMALL OPERATING FOOTPRINT
- ABRASIVE RESISTANT REMOVABLE LINERS
- LOW OPERATING AND MAINTENANCE COSTS
- OPTIONAL CARTRIDGE DUST COLLECTOR



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BLAST CLEANING TECHNOLOGIES



TECHNICAL DATA

48 INCH TABLE BLAST MACHINE

Model # T1-48x25

CENTRIFUGAL BLAST WHEEL

Wheel: 3600 RPM, 14" direct drive, bi-directional blast wheel, for maximum abrasive velocity and smooth operation
Blade Style: Exclusive RIM-LOC design ensures easy replacement of long life, abrasive resistant, alloy blades
Control Cage: Dial Type Cage
Wheel Housing: Fabricated from 1/4" steel plate and protected by replaceable cast alloy steel liners

CABINET CONSTRUCTION

Cabinet: Low profile, abrasive resistant steel plate fabrication with fork truck pockets for easy placement
Cabinet Liners: Interchangeable abrasive resistant liners in all direct blast areas
Door: Electrically operated, reinforced rubber door provides full access to blast chamber and is positively sealed from leakage
Work Loading Height: 36"
Work Load Capacity: 4000 pounds maximum, 48" diameter, 25" high at edge and 36" at 42" diameter
Work Table: 48" diameter, 1/2" steel plate construction with completely enclosed heavy duty support bearings, overhead hoist accessible
Table Drive: Exterior mounted motor and gear reducer transmit power through a spring loaded rubber drive wheel

POWER AND AIR REQUIREMENTS

Electric Supply: 460 VAC, 3 Phase, 60 Hz. Others available by request
Controls: NEMA 12 rated electrical enclosure, 24VDC pushbutton controls, IEC motor starters, blast wheel ammeter, hour meter, abrasive blast and post blast timers, and abrasive adder
Electric Motors: Totally enclosed, fan cooled (TEFC)
Blast Wheels: 15HP, 3600 RPM
Elevator Drive: 3/4HP, 1800 RPM
Door Drive: 1HP, 1800 RPM
Table Drive: 1/2HP, 1800 RPM
Optional Dust Collector: 460 VAC, 3 Phase, 60 Hz. 2HP, 3600 RPM
Air Requirement: 90-110 PSI required to operate abrasive valve and dust collector automatic blow down

ABRASIVE RECLAIM SYSTEM

Elevator & Separator: Dust-tight, centrifugal discharge belt and bucket elevator with removable service and inspection cover, screw adjusted take-up for positive belt adjustment and unique lip separator that filters the abrasive by eliminating light contaminants and unusable abrasive
Abrasive Screening: Screen in cabinet provides positive blast wheel protection
Abrasive Control: Totally enclosed, fully adjustable butterfly valve, quietly and precisely controls abrasive flow
Abrasive Required: 500 pounds for initial start-up
Optional Dust Collector: 800 CFM, self-contained, self-cleaning, 6-cartridge dust collector

SAFETY AND STRUCTURE

Safety: Blast Wheel operates only if door is closed and electrically locked out to prevent accidental opening
Shipping Weight: 5000 pounds
Machine Dimensions: 7'-9" wide x 6' deep x 8'-10" tall
Optional Dust Collector: 2'-10" Width x 2'-10" Length x 7'6" Height

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