

36" Power Table Blast



DISA

GOFF®

Features

Low Profile Design

300 Lb. Load Capacity

Direct Drive Blast Wheel

Automatic Timer Controls

Power Lock Door

Safety Interlocks

Quick Cleaning Cycle

Abrasive Tight Cabinet

Abrasive Resistant Liners

Oscillating Blast Wheel

SPECIFICATIONS—36PTB

EQUIPMENT DIMENSIONS

	36PTB	616DC
Width	7'1"	Included
Height	7'8"	
Length	5'1"	
Weight	2,200 lbs.	

TWO AIRLESS BLAST UNITS

WHEEL: The single direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 9" diameter wheel with 2" wide blades 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.

WHEEL HOUSING: The all welded low profile cabinet is fabricated from steel plate. Forklift slots provided for ease of movement.

CABINET CONSTRUCTION

CABINET: Pitless type, all welded structurally reinforced cabinet is fabricated from 1/4" steel plate.

CABINET LINERS: The cabinet is strategically lined with replaceable abrasive resistant steel and rubber liners.

WORK TABLE: 36" diameter work table is constructed of 3/8" steel plate.

TABLE DRIVE: Exterior mounted electric motor and gear reducer transmit power through special spring loaded rubber drive wheel. Table revolves at 9 RPM.

POWER LOCK DOOR: The power lock for the door is electrically controlled with finger tip action. The pneumatically operated air cylinder provides locking action of the door. The rubber door seal prevents abrasive escape.

BLAST UNIT MOUNTING: The unique mounting allows the blast unit to be pivoted, up to 15° to assure full coverage of parts to be cleaned. The blast unit is electrically oscillated with an adjustable timer. The pivoting action power is provided by a pneumatic cylinder.



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WORK LOADING HEIGHT: 32"

MAXIMUM WORK DIMENSIONS: 50" diameter or diagonal, 29" high.

WORK LOAD CAPACITY: 300 pounds.

CABINET ACCESS: A lower access pan permits quick abrasive change.

ABRASIVE RECYCLING SYSTEM

SCREW CONVEYORS: A 4" diameter screw conveyor conveys the abrasive from the cabinet to the elevator.

ELEVATOR: Centrifugal discharge belt and bucket elevator is dust tight. Bolt on doors permit service and inspection. All shaft bearings are exterior mounted for extended life. Screw adjusted take-up provides positive belt adjustment.

SCREENING: Primary screen in cabinet protects screw conveyor from large objects. A secondary screen in storage hopper provides positive blast wheel protection. An additional screen in the abrasive funnel provides final protection to the blast wheel.

ABRASIVE REQUIRED: 275 pounds initial.

ABRASIVE CONTROL: Fully adjustable butterfly valve provides precise flow control of abrasive.

VENTILATION FEATURES

500 CFM of dust collector is attached and is standard. Collector contains (6) cartridges which are automatically cleaned by an air pulse unit. Requires 80 to 110 PSI of air at 2 CFM.

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 blast wheel motor. Cycle alarm signal and hour meter standard. All motors are totally enclosed and fan cooled to provide maximum life.

Full Load Amperes (excludes dust collector):
230V/3Ph/60Hz—12 Amps, 460V/3Ph/60Hz—6 Amps.

SAFETY FEATURES

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

NOISE LEVEL: Approx. 80 DB.

Specifications subject to change without notice.

