

CARDINAL TABLE BLAST

Cardinal Parts & Equipment's **TABLE BLAST** line carries a variety of sizes to fit your specific application. Visit us online or call today to learn more about our entire selection of wheel blast equipment including Tumble Blast, Hanger Blast, & Specialty Blast Equipment.



CARDINAL 36

TABLE BLAST

SPECIFICATIONS

- 5 HP Direct Drive Blast Wheels
- Integrated Dust Collector
- 1,000 Lb. Load Capacity
- Automatic Timer Controls
- Low Noise Level
- 36" Diameter Table

OPTIONS

- Low Level Sensor/Shield Indicator Light
- Manganese Liners
- Adder Hopper
- Air Wash Separator
- VFD On Blast Wheel
- Second Blast Wheel

SPECIFICATIONS- CARDINAL 36 TABLE

AIRLESS BLAST UNIT

WHEEL: The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 10" diameter wheel with 4 curved blades.

Balanced wheel components assure smooth operation.

BLADES: Cast from abrasive resistant alloy for maximum life with a unique design for easy blade replacement.

CONTROL CAGE : Dial type cage

CABINET CONSTRUCTION

CABINET: All welded and structurally reinforced cabinet, fabricated from 1/4" wear resistant steel plate. Lined with Abrasive resistant steel liners.

WORK TABLE: 36" diameter work table, constructed of 1/4" steel plate with abrasive resistant liner. Configuration of the cabinet makes work table accessible by overhead hoist. Table support bearings are heavy duty and enclosed to for protection of any stray abrasive.

TABLE DRIVE: Electric motor and gear reducer mounted externally. They transmit power through special spring loaded rubber drive wheel allowing for table to revolve at 7 RPM.

WORK LOADING HEIGHT: 27"

MAXIMUM WORK

DIMENSIONS: 36" diameter or diagonal, 22" high

WORK LOAD CAPACITY: 1,000

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.

NOISE LEVEL: 85 DB (approx.)

ABRASIVE RECYCLING SYSTEM

ELEVATOR: Dust tight centrifugal discharge belt and bucket elevator. Removable cover permits inspection and service. Exterior mounted shaft bearings for extended life. Screw adjusted take-up provides positive belt adjustment. Powered by 3/4 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: 300 pounds initial.

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

VENTILATION FEATURES

DUST COLLECTOR: 500 CFM integrated dust collector comes standard with one

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. Table lockout for blast pattern test.

SAFETY FEATURES

Blast wheel operational only when door is closed. Door is electrically locked closed 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. **Specifications subject to change without notice.*



Cardinal Parts & Equipment

900 S Hamilton St.
Sheridan, IN 46069

317-647-2008
www.cardinalpe.com