

## 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 48

## TABLE BLAST

## SPECIFICATIONS

- 15 HP Direct Drive Blast Wheels
- 12" Air Wash Separator
- 5,000 Lb. Load Capacity
- Automatic Timer Controls
- Low Level Sensor
- 48" Diameter Table

## OPTIONS

- Cast Lining on Right Wall and Roof
- VFD on Blast Wheel
- Adder Hopper
- 1200 CFM Dust Collector
- Second Blast Wheel

# **SPECIFICATIONS- CARDINAL 48 TABLE**

## **AIRLESS BLAST UNIT**

**WHEEL:** The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 12" diameter wheel with 7 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:** 48" diameter work table, constructed of 1/4" steel plate with abrasive resistant liner. Optional notch makes machine accessible by 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.

**WORK LOADING HEIGHT:**  
34"

## **MAXIMUM WORK**

**DIMENSIONS:** 48" diameter or diagonal, 36" height center

**WORK LOAD CAPACITY:** 5000 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. Door made from AR material for long life.

**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 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:** 400 pounds initial.

**ABRASIVE CONTROL:** Fully adjustable slide gate provides precise flow control of abrasive. Totally enclosed design means maximum noise suppression.

## **VENTILATION FEATURES**

**DUST COLLECTOR:** 800 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](http://www.cardinalpe.com)