

## MODEL WS 210A SPINNER HANGER MACHINE

The **WS 210A Spinner Hanger** machine is designed to handle the cleaning and surface preparation of cavernous and odd shaped work that can not be adapted to a table or Tumblast™ type machine. Parts loaded onto its hanger arrangement are rotated during the blast cycle and cleaned from multiple angles. This results in better cleaning that meets a broad range of production requirements cost effectively.

These machines are designed for simple, inexpensive installation, requiring a minimum of floor space and no costly pits. Since each unit is pre-wired for quick and easy connection to a power supply, start-up costs and times are reduced to a minimum.

The WS 210A is ideal for:

- Diecast deflashing
- Scale and rust removal
- Peening
- Profiling
- Surface finishing



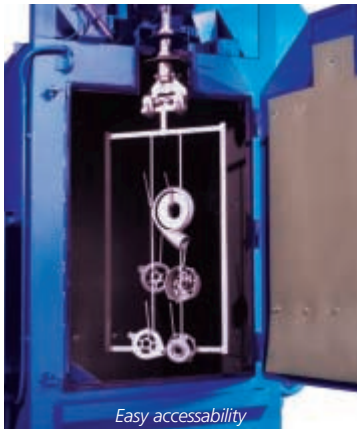
**ISO 9001**

Certificate Number: 31844

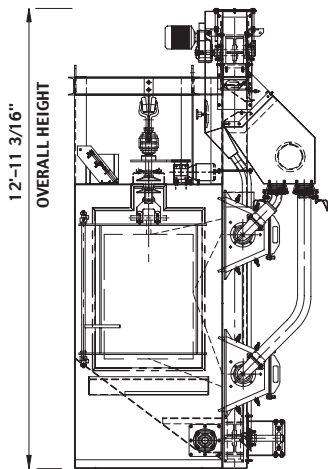
# WHEELABRATOR

## FEATURES AND BENEFITS

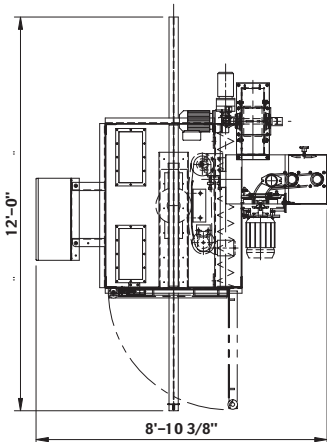
### GENERAL



- Two (2) 13.5" diameter TruBlast® wheel assemblies, direct driven with 10 h.p., 3600 rpm, NEMA T-frame motors
- 1/2" thick Long-Lyfe® liners, in line with wheel blast pattern, with 1/4" thick rubber throughout remainder of cabinet and on work door
- Manganese steel work hook mounted to a 2" diameter spinner shaft which is protected by a fitted manganese sleeve and attached to an oscillating work trolley
- Gear motor driven chain and sprocket arrangement produces a work piece rotation of approximately 18 rpm
- Work trolley is pneumatically oscillated on a 6" I-beam while work is rotated in the blast area
- Cabinet roof spinner shaft slot is sealed with nylon brushes and rubber slot seals
- Abrasive media is returned to the belt and bucket elevator by a gearmotor driven 6" diameter screw conveyor
- Airwash separator with counterweighted swinging baffle for maintaining the proper abrasive curtain
- Pneumatically operated abrasive control valves for positive control of abrasive flow
- Pneumatic door lock with timed operation to prevent opening door when abrasive is flowing to wheels
- Limit switch on work door to prevent wheel from starting when door is open
- Machine color – Wheelabrator safety blue
- Cleaning envelope: 30" diameter x 42" high
- Abrasive charge of approximately 2,000 pounds
- Maximum load per work hook of 2,000 pounds



Front View



Overhead View

### ELECTRICAL

- Primary power requirements – 460 volts, 60 hertz, 3 phase
- Two (2) 10 h.p., 3600 rpm, NEMA T-frame wheel motor
- One (1) 1/2 h.p., 1800 rpm, screw conveyor gearmotor
- One (1) 1/2 h.p., 1800 rpm, spinner hook gearmotor
- One (1) 1 1/2 h.p., 1800 rpm, elevator drive gearmotor
- Control panel equipped with pushbuttons and pilot lights, emergency stop button and mainline disconnect

### OPTIONS

- Dust Collector (1500 CFM required)
- Automatic abrasive adder
- Cyclone separator
- Programmable controller
- Wye track monorail assembly with supports
- Variable speed wheels
- Rotary screen separator

# WHEELABRATOR

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