



# Wheelabrator Rocker Barrel Machine

The Wheelabrator® Rocker Barrel machine is designed for high performance batch cleaning. This multi-purpose machine easily processes an assortment of part shapes and sizes, even in the same batch.

Through the gentle rocking motion of the barrel, parts move continuously, preventing impingement of parts or part-on-part damage. The motion also helps ensure that all sides of the parts are exposed to the blast wheel, resulting in improved coverage and a single finishing process.

Setup time is minimized because there is no need to change the blast pattern to accommodate different part types or sizes.

The Rocker Barrel machine is ideal for die cast parts, foundry castings and other applications that involve a wide range of workpieces.

**Features & Benefits**

- System includes 35 BD 160 EZEFIT™ wheel assemblies, powered by 25 h.p., 3,600 rpm, D-Flange, direct mounted motor
- Cabinet and reclaim hoppers are manufactured with 1/2" thick 11–14% manganese steelplate, continuous welded construction
- Blast chamber features 1/2" thick, 11–14% manganese steel liners in line with the blast stream
- Cast manganese wheel guard housings with five (5) piece Long-Lyfe® liner kits with top and end liners
- Designed for use with recyclable, long lasting steel abrasive for reduced operating costs
- Vestibules are 1/2" thick 11–14% manganese steel, with five (5) hanging seals at the entrance vestibule and four (4) hanging seals at the exit vestibule
- The 48" diameter conveyor drum is 11–14% manganese steel plate, with a variable slope, self-draining design
- Complete abrasive reclaim system includes an elevator, separator, lower shaker reclaim with scalping and a storage hopper deck
- Systems includes Soundabator™ control valves with replaceable inner sleeves to ensure long wear life and ease of maintenance

**Safety Features**

- OSHA-approved access safety ladder with platform and handrail
- Limit switch on inspection doors prohibits the wheel from starting when doors are open
- Individual fuse block, starters and overload protection for each motor
- Main line disconnect switch in the panel
- E-stops at each end of the machine

**Electrical**

- Primary power requirements: 460 volts, 60 hertz, 3 phase
- Main control panel with IEC starters, overloads, Allen-Bradley® PLC controller
- NEMA 12 enclosure
- Completely wired to terminal blocks in the panel
- Main panel equipped with emergency stop button and machine disconnect
- EMT conduit, seal-tite flexible conduit, THHN wire

# technical specifications

**Available Options:**

- 2,000 lb. automatic abrasive adder
- Magnetic separator with a secondary magnetic separator
- Zero speed switches on elevator and screw conveyors
- MagnaValve® with AC or MC controllers
- Rigid conduit
- Dust collector
- Parts sensor switch

For more information please contact

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