

Wheelabrator Model 4 Tumblast

For a low cost surface preparation of component parts in a wide range of applications, choose a Tumblast® machine. This Wheelabrator® unit is designed for simple, inexpensive installation, requiring a minimum of floor space and no costly pits. Each unit is pre-wired for quick and easy connection to a power supply, so start-up costs and times are reduced to a minimum.

The Model 4 Tumblast is ideal for:

- Diecast deflashing
- Contaminant removal
- Peening
- Plastic deflashing
- Surface finishing



Features & Benefits

- One (1) direct-drive, 8 bladed blast wheel assembly powered by a 15 hp, 3600 rpm, NEMA T-frame, D-flange mount, wheel drive motor
- Overall height of 12'-0" promotes one piece shipping
- Pitless cabinet design, manufactured from 3/8" and 1/4" steel plate
- Rear access door provides unrestricted access to the mill, elevator belt, lower elevator pulley, reclaim screw and lower screens
- Manganese steel roof liners and barrel head seals with cast Long-Lyfe® barrel head liners and in-line liners
- Front idler roller equipped with fins designed to prevent abrasive from building up under mill belt
- 6" diameter screw conveyor returns abrasive and contaminant's to the bucket elevator, then to the airwash separator
- 18" CFS type airwash separator with overflow to lower storage hopper
- Air cylinder operated butterfly valve for positive abrasive flow control
- Integral discharge plate deploys when loading door is opened to direct parts into unload system

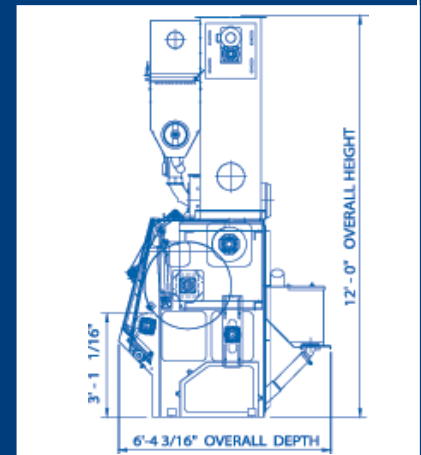
- Abrasive charge - 1000 pounds (steel media)
- Work volume for rubber mill - 4.36 cubic feet or 500 lbs.
- Work volume for steel mill - 4.39 cubic feet or 800 lbs.
- Shipping weight:
Rubber mill: 5,750 pounds
Steel mill: 6,350 pounds

Safety Features

- Dual, pneumatic operated locking pins to secure loading door in open or closed positions
- Timed operation between the abrasive control valve and the door locks to prevent loading door from opening while abrasive is flowing to the wheel
- Limit switch on the loading and rear access door to prohibit the wheel from starting when the door is open
- Safety signs
- Individual fuse blocks, starters and over loads for each motor
- 1/4" steel angle welded to the base of the machine for foundation support



Rear door accessibility for easier service



technical specifications

Electrical

- Primary power requirements - 460 Volts, 60 Hertz, 3 phase
- One (1) 15 hp, 3600 rpm, NEMA T-frame, D-flange mount, wheel drive motor
- One (1) 1 h.p. mill drive gear motor
- One (1) 1 1/2 h.p. elevator drive gear motor
- Control panel equipped with pushbuttons and pilot lights, emergency stop button, and mainline disconnect

Options

- Conversion Package to change mill between Steel Flights and Rubber Belt
- Programmable logic controls (PLC)
- Variable speed wheel motor
- Pivot loader (mechanical and/or hydraulic operation)
- Bolt-on rotary screen separator

For more information please contact

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