

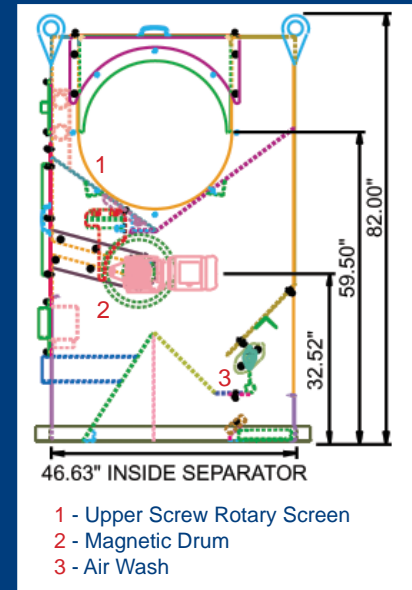
Wheelabrator Magnetic Separator

The Wheelabrator® low profile magnetic separator, featuring a magnetic separation system incorporated into an air wash separator, is designed to magnetically separate steel shot from sand or ferrous from non-ferrous material via its magnetic rotating drum.

Unlike a standard air wash unit, this process ensures the consistent removal of sand from the steel shot even under extremely heavy sand loads. The addition of a magnetic separator to your current blast system may increase the life of your blast equipment as sand is a primary cause of prematurely worn blast equipment.

Features & Benefits

- Sand and abrasive (metallic) discharge from the elevator into the upper screw which feeds the rotary screen where the large tramp metal and other oversized particles are removed
- The sand/abrasive mix passes through the rotary screen where the mix is metered onto the magnetic drum
- Abrasive passes under the magnetic separator drum, letting sand and metallic fines flow to a trash container or transporter (by customer)
- The air wash removes the remaining metallic and directs the sand into a container or transporter (by customer) for reuse
- Clean abrasive (metallic) is reclaimed for reuse
- Reduced blast cycle times
- Increased life of replacement wear parts
- Reduced equipment maintenance costs
- Reduced abrasive consumption
- Ventilation air requirements are reduced
- Horsepower savings – reduces total system requirements
- Elimination of separator adjustments to compensate for variable sand loading
- Consistent operation – unaffected by fluctuations in air volume
- Internal primary and secondary separation systems ensure cleaner recycled abrasive
- Designed to handle heavier loads than airwash separators
- Easy installation on new equipment and for equipment upgrades
- Can be fitted on all Wheelabrator and competitor's wheel blast equipment



technical specifications

For more information please contact

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