

Gravity Feed Applications – Magnets Outside Of The Product Stream

DRUM SEPARATORS

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Provide continuous ferrous metal removal from dry, free-flowing processing systems and self-cleans in the process. Utilizing a stainless steel rotating drum around a stationary permanent magnet, ferrous metal sticks to the stainless drum due to the magnetic field and is rotated out of the clean product flow. Once the collected metal is out of the product stream, it is passed out of the magnetic field where it is discharged and collected.

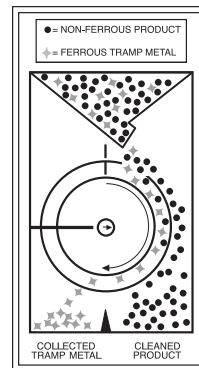
- » Powerful Ceramic or Rare Earth Permanent Magnet Material
- » Large selection of standard sizes with custom designs available
- » Over 180° of Magnetic Arc Protection with Manually adjustable position
- » Custom Inlet and Discharge Mounting Flanges available
- » Fixed diverter to separate cleaned product and collected tramp metal.
- » Flex Seal to Prevent Product from Flowing Around the Backside of the Drum
- » Access Doors for Inspection and Drum Removal
- » Sealed Bearings for Drum Support and Drive
- » Stainless steel drum shaft
- » Special magnetic circuits for reach or holding
- » Stainless steel housings
- » Housings available with special inlet for vibratory feeders
- » Multiple drum assemblies
- » Special voltage motors



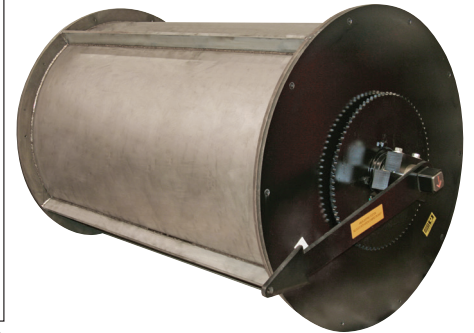
Find Drum Separators Online And Download Technical Sheets At...

<http://www.magnetics.com/tg/drum.asp>

Download Or Request Drum Tech Sheet

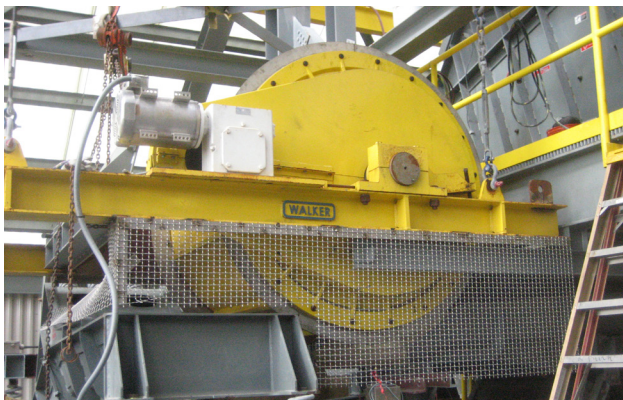


Drum Separator



ELECTROMAGNETIC DRUM SEPARATORS

For auto shredding, municipal solid waste, parts recovery, and iron ore cobbing, drums fitted with electromagnets are the solution. Walker Electromagnetic Drums are available with either axial or radial pole constructions. They can provide control of individual poles or sections of the entire surface, through use of a variable voltage transformer control, if required.



All electromagnets used are wound with Class R insulated wire. They are designed to dissipate concentrated heat without external cooling. All drums are provided with shells of manganese or stainless steel, depending on application. Walker Electromagnetic Drums provide the ultimate in design and performance for heavy duty ferrous separation applications. Available in diameters from 36" to 72" and widths from 36" to 120".