



MAGNETIC SEPARATION EQUIPMENT

Innovative Magnetic Technologies Inc. manufactures magnetic separation equipment for a wide range of industries such as forestry & wood processing, aggregate, mining, biomass, and other bulk material handlers. Tramp metal magnets provide continuous protection for processing equipment by removing ferrous tramp materials which causes costly equipment damage and product contamination.



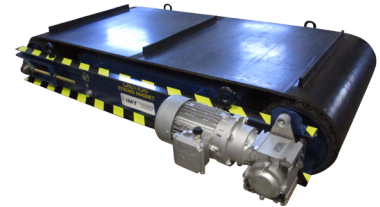
G5 SUSPENDED PLATE MAGNETS

Suspended Permanent Plate Magnets extract ferrous tramp metal from belt conveyor applications. The G5 design offers a kit to upgrade to a cross belt separator or utilize the AMS stand.



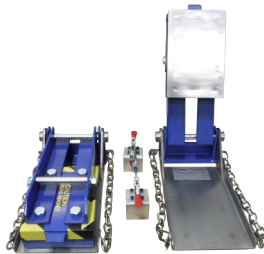
ACTUATED MAINTENANCE SYSTEM

Installing a G5 Suspended Plate Magnet with the Actuated Maintenance System allows operators to effortlessly remove captured tramp metal from the separator's surface.



G5 CROSS BELT SEPARATORS

The G5 Cross Belt Separator is a suspended magnet with a continuously running belt that strips off captured tramp metal and discharges off the side or end of a conveyor line.



MAGNETIC PLATE SEPARATORS

Magnetic Plate Separators provide a dependable means of tramp metal extraction in chute applications. Self-cleaning options available.



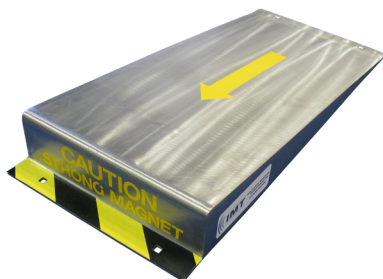
ELECTROMAGNETIC SEPARATORS

Suspended Electromagnetic Separators capture tramp from conveyed materials with deep burden depths, high bulk densities, and high belt speeds.



GRATE MAGNETS

Powerful Magnetic Grate Separators capture ferrous contaminants from dry, free-flowing material in chutes. Custom sizes and configurations available.



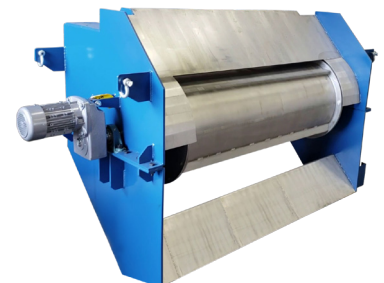
VIBRA-SEP

Reduce metal detector trips on vibratory conveyors and feeders by capturing ferrous material with the VIBRA-SEP Vibratory Magnetic Separator.



MAGNETIC HEAD PULLEYS

Magnetic Head Pulleys continuously separate tramp iron contaminants from conveyor belt systems. Reliable and maintenance-free operation.



MAGNETIC DRUM SEPARATORS

Permanent Magnetic Drum Separators remove ferromagnetic particles from a wide range of free-flowing bulk and granular materials in high volumes.



QUALITY AT THE CORE™

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MAGNETIC SEPARATION EQUIPMENT



MAGNETIC CONVEYORS

Magnetic conveyors are a superior method of conveying ferrous materials compared to bucket or incline conveyors.



WET DRUM SEPARATORS

IMT Wet Drum Separators recover ferromagnetic material from slurries in applications such as Heavy Media and Iron Ore concentration.



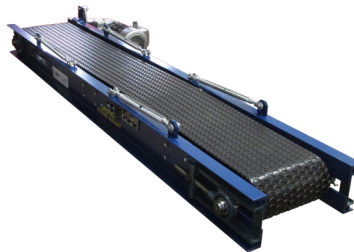
MAGNETIC RAKES & SWEEPS

Magnetic rakes are used to clear tramp from a belt after a metal detector trip. Magnetic Sweepers remove hazards such as nails from work areas.



FABRICATION

IMT offers custom fabrication services for chutes, structures, and any other requirements for conveying systems.



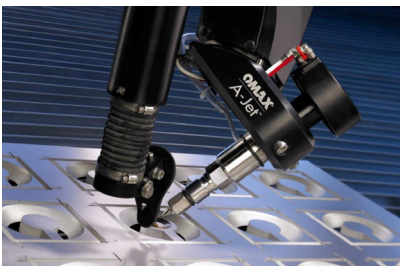
CUSTOM MAGNETIC EQUIPMENT

Every application is unique. IMT can design and build magnetic separators for a specific plant application.



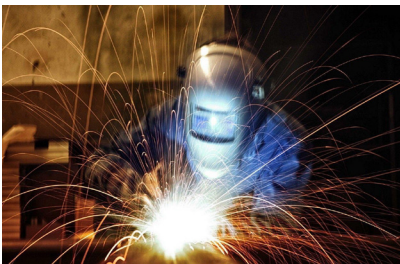
REFURBISHMENT SERVICES

IMT offers remanufacturing services for magnetic equipment such as Wet Drum separators.



MANUFACTURING CAPABILITIES

- 5' x 10' Omax 60120 water jet machine center c/w multi axis cutting head and terrain follower
- In-house machine shop including lathes and milling machines
- F1 5109 Scotchman Iron Worker
- Full Fabrication capabilities in steel, stainless and aluminum (MIG, TIG and Stick)
- Certified paint booth
- 5-ton gantry crane
- 2 Capacitor Discharge Machines
- Various steel processing equipment such as 80-ton press, drill presses, Oxy-Acetylene cutters, metal cutoff saws, band saws, sandblaster, steel belt sanders, plasma cutter
- Multi voltage motor test cabinet – 220v 3 phase, 480v 3 phase and 600v 3 phase
- 4 forklifts ranging from 5,000lb. lift to 16,500 lb.
- Approximately 10,000 square foot production facility with 20,000 square feet of secure outdoor storage.
- Full ACAD and 3D modeling



SUPPLY SERVICES

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