# PLATE SEPARATORS

## PERMANENT MAGNETIC PLATE SEPARATORS

### APPLICATIONS

- Tire Shredding
- Auto Shredding
- Electronic Waste
- Pallet Recycling
- Glass Cullet
- Chemicals
- Mining
- Hog Fuel
- Wood Pellets
- Foundry Sand
- Pulp Processing
- Cement

# PLATE SEPARATORS

# ECONOMICAL DEFENSE AGAINST FERROUS CONTAMINANTS IN CHUTEWORK

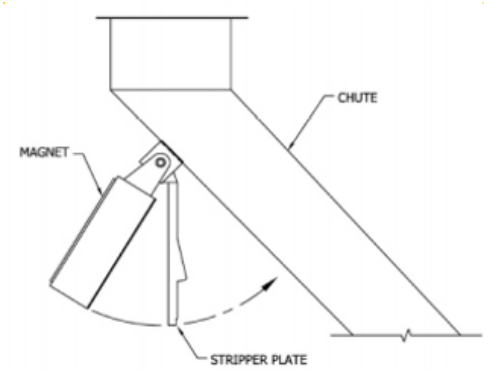
Capture tramp iron particles and debris from free flowing material in angled chutes with IMT Permanent Magnetic Plate Separators. Available in Ceramic or high intensity Rare Earth cores, plate magnets are an dependable line of defense against iron contamination and prolong the life of your existing equipment by reducing the wear and tear.

The MPS Series plate magnets are available in either manual or self-cleaning configurations. As with all of IMT's products, custom sizing is available to ensure easy installation and a perfect fit.

## MANUAL OR SELF-CLEANING

Cleaning operation of the MPS Manual cleaning models is performed by releasing clamps and swinging the magnet away from the chute. The stripper plate releases from the magnet breaking the magnetic field and frees the captured ferrous particles and debris.

For applications with a high frequency of tramp metal contaminants, the MPS Self-Cleaning models use pneumatic cyllinders to operate the cleaning cycle. This configuration is also especially useful in hard to access areas and remote operations.




SELF CLEANING MAGNETIC PLATE SEPARATOR

## MPS SERIES FEATURES

- Manual and Self Cleaning configurations
- Permanent Magnetic Power will not release captured tramp during power outages
- Available in Rare Earth (Neodymium) for maximum reach out
- Hinged swing out design
- Optional Stripper plate allows for easy cleaning
- Tapered step ensures trapped contaminants will not wipe off
- Flexible installation options to ensure easy access for inspection and cleaning.

## CUSTOM SIZING

To ensure swift installation, proper fitment, and reliable performance, IMT custom builds the MPS series plate magnets with excellent availability. Contact a local IMT representative to discuss your application today.

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