

Magnetic Separators & Vibratory Feeders/Conveyors

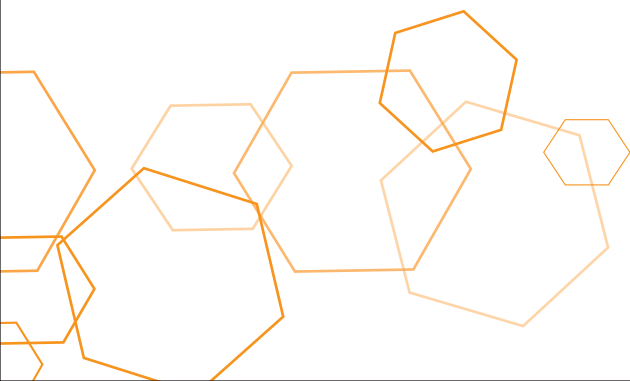




Plate Magnet

- Protects against medium and small size contaminants
- Installed in chutes, spouts, ducts and suspended over conveyors and screens
- Available in multiple designs; Ceramic, Rare Earth and Xtreme Rare Earth



Round Pipe Separator

- Protects against medium and small size contaminants
- Installed in chutes and spouts
- Available in multiple designs; Ceramic, Rare Earth and Xtreme Rare Earth



Hump Magnet

- Incorporates two plate magnets for improved separation
- Material falls on first plate magnet, then redirects to second magnet
- Various strengths available
- Fits feed pipes up to 18"
- Automatic cleaning option available
- Installed in chutes and spouts



Deep Reach Magnet

- Low profile ideal for tight spaces
- Xtreme Rare Earth magnet circuits available to remove fine or weakly magnetic contaminants
- Easy to clean option available



Cartridge Magnet

- For Pneumatically conveyed dry material
- Flows around solid stainless-steel cone and over magnetic cartridge



Tube Magnet

- 1-inch diameter tubes
- Ceramic and Rare Earth options
- SS 316L construction
- Customized to any length
- Capable to handling temperature up to 200°C



Grate Magnet

- Removes fine iron from dry, free flowing products
- Fits Square, Round, Oval and odd shaped hoppers / chutes
- Available in Ceramic and Rare Earth magnet
- Various sizes available



Barrel Grate Magnet

- Removes fine iron from dry, free flowing products
- Suitable for Barrel application
- Single or multiple bank design available



Grates-in-Housing

- Staggered rows of grates in a custom housing
- Greater opportunity to remove fine iron dust from free-flowing products
- Available in Ceramic and Rare Earth magnet
- Single or multiple bank design available



Suspended Permanent Magnet

- Positioned over conveyors
- Removes Coarse ferrous from deep burdens



Bullet Magnet

- Stainless steel construction
- Rare Earth magnetic element
- Installed



Drum-In-Housing

- Designed to separate ferrous materials from free-flowing dry material
- Automated self-cleaning operation
- Many sizes and strengths available



Easy-To-Clean Grates-in-Housing

- Easy to clean design
- Staggered rows of grates in a custom housing
- Greater opportunity to remove fine iron dust from free-flowing products
- Available in Ceramic and Rare Earth magnet
- Single or multiple bank design available
- Automatic cleaning option available



DSC (Dust Tight, Sanitary, Convertible) Grates-in-Housing (Easy-To-Clean)

- Dust tight model recommended for very fine products
- Possible to convert it into Automatic cleaning type
- Staggered rows of grates in a custom housing
- Greater opportunity to remove fine iron dust from free-flowing products
- Available in Ceramic and Rare Earth magnet
- Single or multiple bank design available



PM Grates-in-Housing

- Designed for Plastic Industry
- Compact design
- Staggered rows of grates in a custom housing
- Greater opportunity to remove small iron particulates
- Available in high temperature Rare Earth magnet



Rota Grate Magnet

- Slowly rotating tube circuit
- Designed for non-free flowing materials
- Greater opportunity to remove small iron particulates
- Available in Ceramic and Rare Earth magnet
- Automatic cleaning option available



SB Ferrous Trap (Liquid line)

- Removes scale, oxides and iron Contaminants in liquid and slurry line
- For use in 2 to 4" pipe line
- Withstand pressure up to 10 Bar (150 PSI)
- Easy to clean option available
- Available in Ceramic and Rare Earth magnet



"T" Ferrous Trap (Liquid line)

- Removes scale, oxides and iron contaminants in liquid and slurry line
- For use in 6 to 18" pipe line
- Bottom plug to drain sump
- Withstand pressure up to 5 Bar (75 PSI)
- Available in Ceramic and Rare Earth magnet



Rare Earth Roll Magnet

- Designed to separate very fine weakly magnetic contaminants from products
- Automated self-cleaning operation
- Available in Single, Double and Triple stages
- Many sizes are available



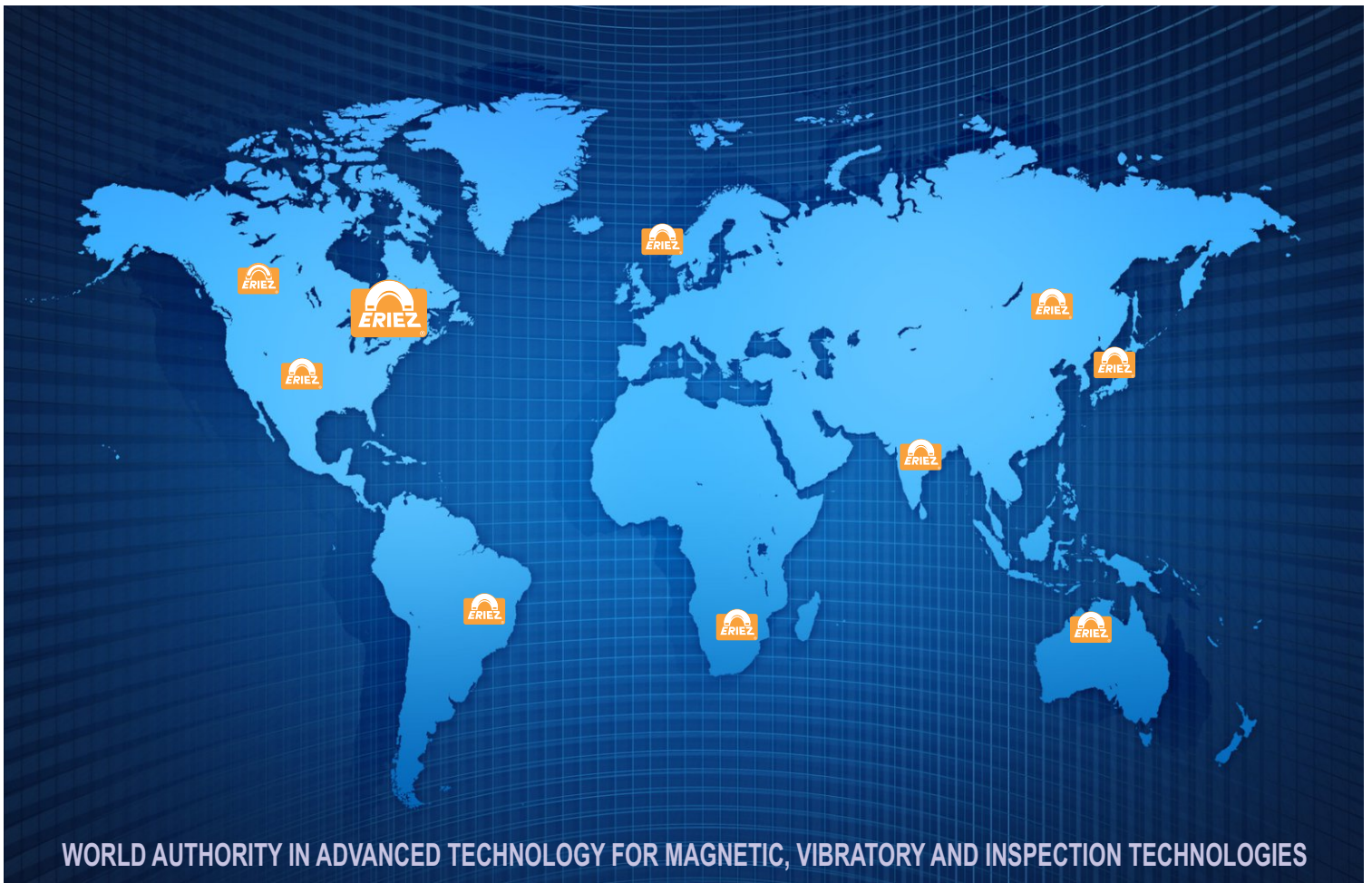
Pull Test Kit

- Measures the strength of magnets
- Available in digital or mechanical scale



Compact Vibratory Feeder

- Low to high capacity models
- Energy efficient electromagnetic drives
- Feeds light, bulk materials
- Rapid on-off cycling, quick stopping
- Ideal to use it for mixing, weighing, batching and packaging operations
- Superior handling of fine powder, sticky and leafy type products
- Many tray design options; Screener, Enclosed tray



Eriez Magnetics, World Authority in Advanced Technology for **Magnetic, Vibratory and Inspection System** Applications...Designs, Develops, Manufactures and Markets Magnetic Separation, Metal Detection and Materials Feeding, Screening, Conveying and Controlling Equipment for Process and Metalworking Industries. Eriez-U.S.A. was established in 1942 at Eriez, Pennsylvania. Eriez has manufacturing facilities in Australia, Brazil, Canada, China, Europe, India, Japan, Mexico, South Africa and its Head Quarters at Erie, Pennsylvania. Eriez has sales offices across U.S.A. and some 80 international markets on five continents.

Eriez Magnetics India Pvt. Ltd. is a wholly owned subsidiary of Eriez-U.S.A. has manufacturing plant in Chennai. Eriez-India manufactures equipment for separating **COARSE & FINE TRAMP IRON** from process materials and feeding equipment for industries such as Food, Pharmaceutical, Chemical, Feed, Minerals etc.

Products are **Designed in the USA** and Manufactured in **INDIA**.

Eriez-India has **WORLD CLASS LABORATORY** to test product samples.



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