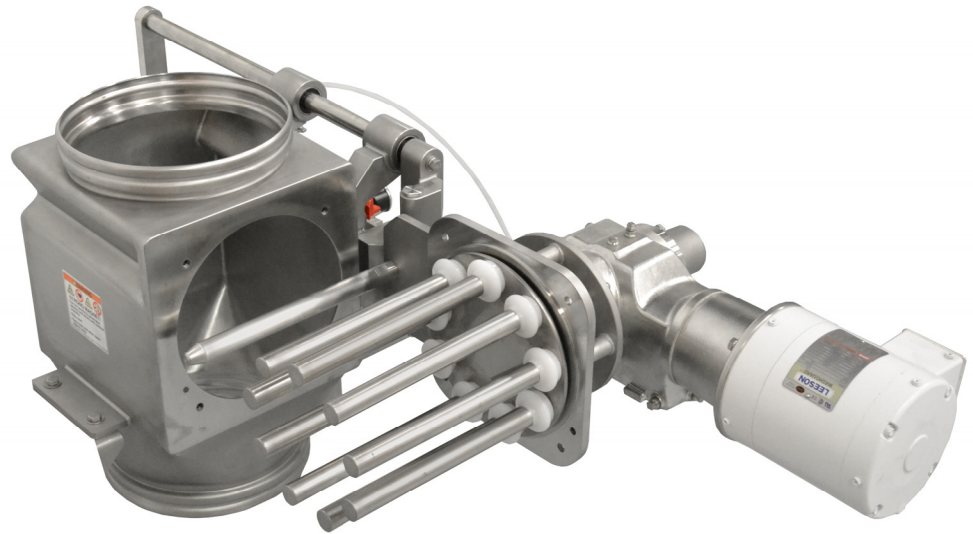


# >> ROTARY MAGNET

## >> FEATURES:

- Magnetic protection without restricting powder flow
- >11,000 gauss rare earth cartridges with rotary action provides maximum separation efficiency
- Magnetic rotor is demountable from housing without tools
- Precision machined assembly for dust-tight operation
- Sanitary cube housing is self-draining, ledge and crevice free
- Maintenance free direct drive, available in painted steel and stainless steel
- Customized welded inlet and outlet connections including BFM® fitting, Tri-clamp, flanged round or square



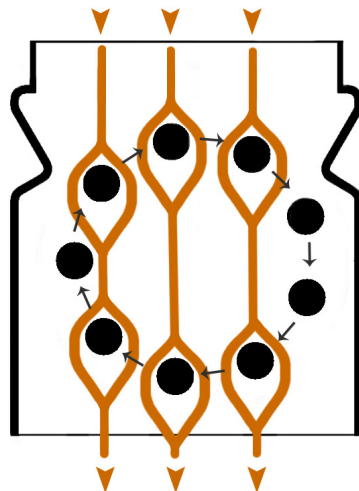
## Rotary Magnet

Rotary magnets are designed to remove ferrous and weakly charged magnetic particles from product flows that tend to plug and bridge in stationary magnetic grates.

The unit rotates powerful magnetic tubes while the product passes through. Magnets attract and retain the unwanted ferrous particles, while the rotary action prevents the product from packing the process stream.



Magnets are cleaned completely outside the product zone with wiper rings.



Cross-section view of Rotary Magnet.

The rotary magnet provides the highest product to magnet contact ratio for optimum separation efficiency, while also breaking apart soft lumps and cohesive materials.

Easy cleaning of the tubes is made possible by wiper rings, which are pulled off during the cleaning and particle removing process.



Powder Process-Solutions  
Div. of Powder-Solutions Group  
Ph: 877-933-2556  
sales@powder-solutions.com  
[www.powder-solutions.com](http://www.powder-solutions.com)

# >> INLINE PLATE MAGNET

## >> FEATURES:

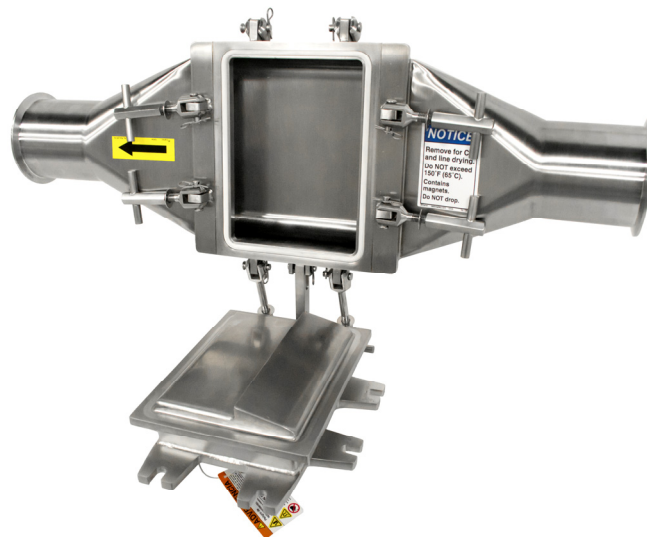
- Demountable without tools
- Magnetic protection without restricting powder flow
- Available in 3", 4", 5" and 6" designs, custom sizes available
- >8,000 gauss rare earth magnet provides maximum separation efficiency
- Mounted vertically or horizontally
- Single and dual magnet designs available



## Inline Plate Magnet

The Inline Plate Magnet features a stepped plate magnet design to efficiently capture and retain ferrous materials in a conveyed powder stream. The precision machined housing and one piece O-ring seal is designed for leak-free operation, in pressure and vacuum systems up to 15 PSIG.

Solutions are offered with single and dual plate magnet designs for redundant protection or increased separation performance in larger diameter line sizes.



Available in 3", 4", 5" & 6" line sizes with plain tube, Tri-Clamp, BSM, flanged and custom end connections.

The plate is secured by multiple quick-release nuts, allowing the plate to be swung away from the unit for easy access, cleaning, and inspection.



Magnet step design.



Powder Process-Solutions  
Div. of Powder-Solutions Group  
Ph: 877-933-2556  
sales@powder-solutions.com  
[www.powder-solutions.com](http://www.powder-solutions.com)

# >> INLINE BULLET MAGNET

## >> FEATURES:

- Demountable without tools
- Magnetic protection without restricting product flow
- Available in 2" to 6" designs, custom sizes available
- Rare earth magnet provides maximum separation efficiency
- Ceramic magnet insert available
- Rated for vacuum or pressure pneumatic conveying systems



Stainless steel housing is built for food-grade or sanitary applications, depending on application requirements.

Typical applications include:

- Railcar unloading transfer systems
- Bulk truck transfer systems
- Bulk bag feeding pneumatic transfer
- Pressure or vacuum dilute phase conveying

Optional safety switch provides confirmation of door position prior to operation.

## Inline Bullet Magnet

The Inline Bullet Magnet features an aerodynamic magnet design to allow powder to run over the bullet while trapping ferrous materials within the product stream. The fully precision welded housing is designed for leak-free operation, easy cleaning, and frequent inspection.

The access door is equipped with swing out support providing easy removal of the magnet cartridge assembly. Food grade one-piece o-ring gasket provides for a dust-tight seal. Quick release clamps allow for easy access and inspection.



Shown with magnet removed for cleaning.



Powder Process-Solutions  
Div. of Powder-Solutions Group  
Ph: 877-933-2556  
sales@powder-solutions.com  
[www.powder-solutions.com](http://www.powder-solutions.com)