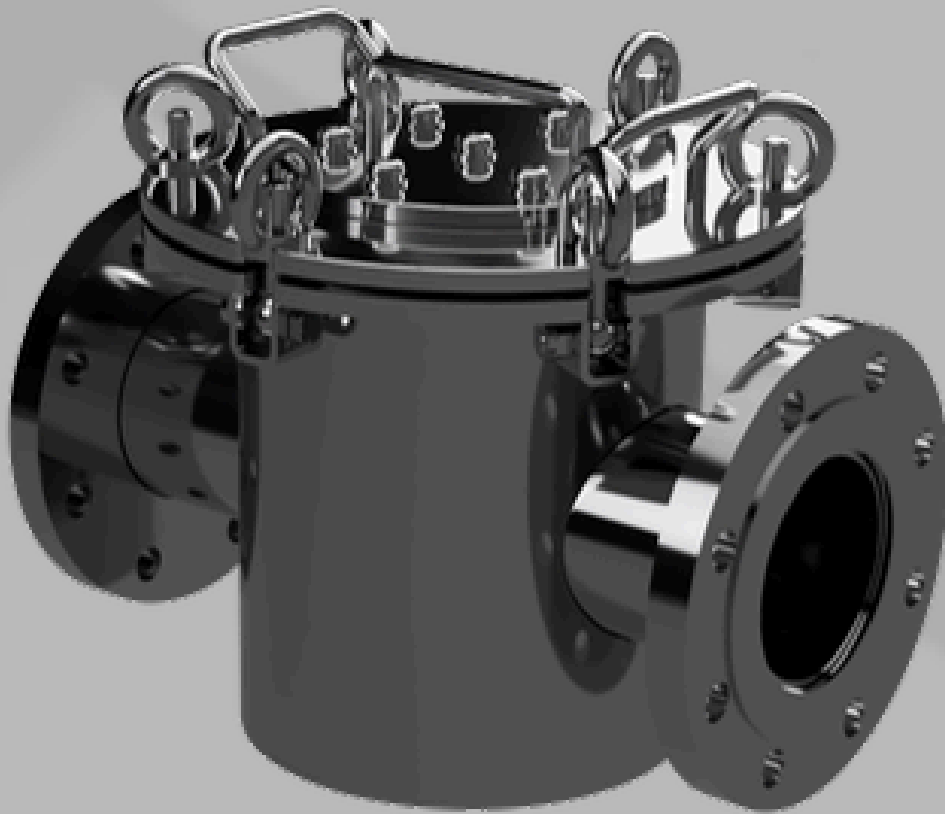




Magnetic Traps







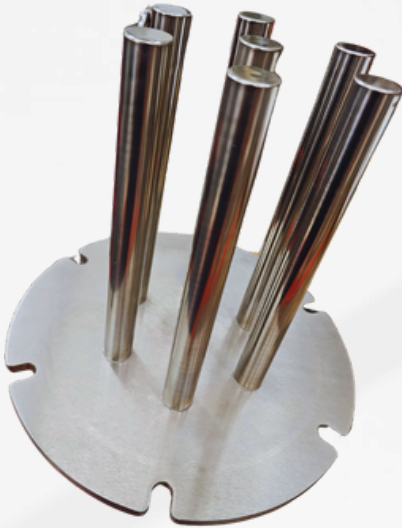
PERMANENT MAGNETIC TRAPS



PRODUCT SUMMARY

High-efficiency separation by capturing fine ferrous and tramp iron from liquids, slurries, and viscous materials.

Used for liquid slurries with line pressures of up to 10 Bar. Providing ultra clean product removing fine ferro-magnetic contaminants. Models include Manual Clean, Easy to Clean and Automatic Cleaning units.



Manual clean element only

Slurry material flows into the unit and around the magnet tube zone where contaminants are captured on the high intensity magnetic field tube surfaces. The non-magnetic material flows through the unit and continues in the process line.

As the magnetic elements reach saturation, the unit requires cleaning as per specified design.

APPLICATIONS:

- Food & Beverage Processing
- Pharmaceutical & Chemical Industry
- Ceramic Industry
- Pulp & Paper Manufacturing
- Industrial Processes



Easy to Clean trap Magnet



MODELS

Feature	Manual Clean Model	Easy-to-Clean Model	Automatic Clean
Cleaning Mechanism	Requires manual removal and wiping of contaminants	Quick-release system for effortless cleaning	Automated cleaning system with pneumatic or motorized actuation, no manual contact
Cleaning Time	More time-consuming, requires manual effort	Faster, typically a few seconds	Very fast; cleaning occurs at set intervals or on-demand with minimal interruption
Operational Downtime	Slightly longer due to manual cleaning process	Minimal, as cleaning is quick and efficient	Negligible or no downtime; cleaning can occur without stopping production
Ideal For	Batch processes or lower contamination levels	High-volume, continuous processing	Continuous, high-demand operations where hygiene and efficiency are critical
Ease of Maintenance	Requires regular manual inspections and cleaning	Low maintenance, designed for convenience	Low maintenance; cleaning cycle is automated and often programmable



Auto cleaning trap magnet separator



Auto cleaning trap magnet separator

PERMANENT MAGNETIC TRAPS



KEY FEATURES AND BENEFITS

Powerful Magnetic Filtration

- Utilizes high-intensity 12,000 Gauss rare-earth magnets to trap even the finest metal particles, including rust and fine iron contamination.

Multiple Design Options

- Available in various configurations, including inline and cartridge

Durable Stainless-Steel Construction

- Corrosion-resistant and built for long-term performance, able to comply with sanitary standards to meet food safety regulations.

Easy Cleaning & Maintenance

- optional easy clean designs for fast and efficient cleaning
- optional AUTO CLEAN designs for continuous, maintenance free operation

Customizable for Specific Applications

- Designed to fit different flow rates, pressures, and material viscosities (honey, chocolate, chunky soup, etc.)

High-Temperature Models

- 65C - 350C available for extreme environments

Various operating pressure models

- Up to 10 Bar

Simple retrofit design in most pipeline systems

- fast and economical way to upgrade iron separation performance



Multi Stage Auto cleaning Trap Magnet



Auto cleaning Trap Magnet

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