



# tube magnet separator

precise | quick | suitable for production processes

## Advantages

- Specially for the requirements of the food and pharmaceuticals industries
- Separates the finest metallic impurities (even slightly magnetic stainless steel particles)
- Ensures consistently high product quality
- Built to hygienic design
- Easy to use and clean
- Customer-specific versions possible

# The tube magnet for free fall applications

The food and pharmaceutical industries and similarly sensitive application areas are the main places where tube magnet separators are used. The efficient extraction of fine and most fine ferrous impurities and magnetized stainless steel particles is ensured by these high quality and powerful magnet separators. A minimal installation height as well as customer-specific versions permit problem-free integration into existing pipe-work. The low-maintenance design and the simple operation of the tube magnet separator during cleaning enable efficient and cost-effective operation.

## Characteristics

The following characteristics distinguish the magnet separators:

- The magnet grilles equipped with a magnetic force of up to 1370 mT (13700 Gauss)

- The magnetic grille as well as the housing are fully welded
- All models are equipped with the mechanism for simple cleaning and are thus not just easy to maintain but also quick and easy to clean.

## Options

- For operating temperatures up to +100 °C, the magnet separators can be used with high energy neodymium magnetic material. For high temperature applications up to 350 °C, a special samarium-cobalt magnetic material is available.
- The versions for the pharmaceutical industry are supplied with an even more refined surface quality ( $Ra \leq 0.6 \mu$ ).
- In the double layer version, the best possible contact between the product and the magnet is achieved thus clearly improving the separation.



Bolt/snap lock to be able to pull the magnetic cores out of the stainless steel sleeves for simple cleaning.



Stainless steel star knobs with pivoting bolts to open the system.

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