

ROTOBOX

Inline magnet for free fall applications

- Reliable separation of fine ferrous contaminants and magnetized stainless steel particles
- EASY CLEAN function
- Easy integration in a pipeline
- Separation of products tending to bridge or with fibres
- High corrosion and wear resistance
- As standard equipped with neodymium magnet rods
- Magnetic field strength up to 13700 gauss
- Maximum separation performance with non-free-flowing products
- FDA compliant design
- Accessories and special versions
- Certified for ATEX zone 20 application



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Performance characteristics:

As standard, the ROTOBOX system is equipped with neodymium magnet rods that feature a magnet power of 13700 gauss and thus guarantee maximum separation performance. The grid material is made of highly polished stainless steel (AISI 316L).

System versions with higher grade stainless steel housing and improved surface finish (Ra <0.6 µm surface finish) are available for applications in the pharmaceutical industry.

All the neodymium versions of the ROTOBOX system are provided with magnet rotor featuring pull-out magnet cores (EASY CLEAN feature), which considerably facilitates and accelerates system cleaning.

As an alternative, this cleaning process also can be automated, which means that manual cleaning is no longer necessary (see ROTOBOX AUTO CLEAN).

For the inspection of:

Bulk materials; dry, non-free-flowing (bridging), powdery, fine-grained (grain size <6 mm), coarse-grained (grain size >6 mm), flaky, fibrous, crumbly.

Field of application:

ROTOBOX systems primarily are used in the food and pharmaceutical industry for products such as flour, starch, pharmaceutical ingredients, and other fine-grained or powdery materials which tend to bridge or contain also fibers.

For application in:

- Plastics industry
- Food industry
- Chemical industry
- Pharmaceutical industry
- Wood industry
- Recycling industry
- Other industry sectors

