

RE80® HT ROUND PIPE SEPARATOR

Effective foreign metal fragment control in dry food product and powder lines



ROUND PIPE SEPARATOR



USDA Dairy Accepted models available

The Magnattack® Round Pipe Separator features high-intensity RE80® magnet element/s designed to remove weakly magnetic contaminants from powder and dry product processing lines.

The highly efficient magnetic separation offered by the Round Pipe Separator enables food processors to greatly reduce metal contamination risks, increase product purity, increase food safety, and protect their brand against foreign contamination complaints.

The +11,000 gauss magnet is specially designed with extra high strength at the base of the magnet - this is the point at which metal contamination typically passes through the pipe in these types of applications. This extra strength and positioning ensures that magnetic fragments are less likely to pass through.

- ✓ Efficient, powerful, sanitary
- ✓ Bellied and straight-tube models, to suit your individual requirements.
- ✓ Proven successful in numerous installations across Asia Pacific, North America, and Europe



Key Benefits & Advantages

- Increased foreign metal fragment control and risk reduction
- Increased food safety
- Improved separation efficiency
- Powerful magnets configured to remove magnetic contamination including fine metal, work-hardened stainless-steel and stone
- Maximum product-to-magnet coverage
- Magnet elements easily removed for cleaning
- Single or double entry magnet options
- 80%+ coverage of product stream
- Protection against metal fragment issues, product recall, brand name damage, and customer complaints
- Dairy-grade units available for sensitive powder applications.
- Suits abrasive granulated products such as sugar, salt and lactose
- Optional in-built abrasive wear contingency
- Visual inspection of magnet prior to return to product flow
- Powered by ultra-high energy RE80® or RE80®HT Magnetics



WHEN RELIABILITY MATTERS

RE80® Magnetic Separation Solutions for Foreign Metal Fragment Control & Food Safety

www.magnattackglobal.com

POWDER-SOLUTIONS INC

EMAIL sales@powder-solutions.com

PHONE 952 279 5208

WEBSITE www.powder-solutions.com

ADDRESS 1620 Lake West Drive, Chanhassen MN 55317



RE80®HT Round Pipe Separator

Installation & Applications

- Incoming product/ingredient intakes
- Prior to critical and expensive processing equipment
- Final product, prior to packing
- Vertical or sloping pipelines
- 1" – 6" (25mm – 152mm) pipelines
- Gravity, blow or vacuum lines
- Products up to 0.6" (16 mm) particulate

PROVEN EFFECTIVE IN

- | | |
|---------------------------|---------------------|
| ✓ Dairy powders | ✓ Flour |
| ✓ Pharmaceutical powders | ✓ Baking products |
| ✓ Sugar and salt | ✓ Infant formula |
| ✓ Ingredients manufacture | ✓ Granular products |



MAGNETICS

Powerful RE80® or RE80®HT High-Intensity Magnetics; uniquely resin encapsulated under high vacuum to maximise strength life and efficiency over time.

DURA-SLIK® ABRASION-REDUCTION TECHNOLOGY

Dura-Slik® is a special hard densified embedded molecular magnet surfacing designed to reduce excess wear in abrasive applications.



TESTS AND CERTIFICATIONS

Calibrated gauss meter certificate. Magnetics and documentation certified by HACCP International. Round Pipe Separators fully conform to current industry standards and are designed to HACCP International Food Safety Standard 0909MAGSEP 1-2010.

MATERIALS

316 Stainless-Steel. Designed and manufactured using only the highest grades of material, suitable for use in food industry applications worldwide.

SERVICE TEMPERATURES

Product and CIP cleaning temperatures to 302°F (150°C).



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