

RE80® HT HORIZONTAL PIPELINE SEPARATOR

Patents Pending.

**Efficient extraction of metal fragments
in liquid and dry food products.**

HORIZONTAL PIPELINE

CERTIFIED
TO
**+11,000
GAUSS**



USDA Dairy Accepted
models available



The Magnattack® RE80® Horizontal Pipeline Separator is engineered to efficiently extract metal contamination from powder and liquid food processing lines.

The system features a single or double set of powerful RE80® +11,000 Gauss Magnet Probes which intercept the product flow and securely retain foreign metal contaminants.

The Horizontal Pipeline Separator is also available with optional RE80® Acutex™ Tear Drop Probe Magnets for optimum flow of product and retention of weak magnetic fragments.

The Horizontal Pipeline Separator specifically designed with flat bottom tubular section (eccentric reducers) to eliminate product ponding and optimise sanitary requirements for horizontal and sloping product transfer lines.

Optional Acutex™ Probe Magnets



- ✓ Highly sanitary and efficient
- ✓ Dairy-grade units available for sensitive applications
- ✓ 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 in horizontal lines
- Removal of magnetic fragments including fine metal contamination, work-hardened stainless-steel and stone
- Maximum product-to-magnet coverage
- Magnet elements easily removed for cleaning
- Specially designed with flat bottom tubular section (eccentric reducers) to eliminate product ponding and optimise sanitary requirements
- 80%+ coverage of product stream
- Protection against metal fragment issues, product recall, brand name damage, and customer complaints
- Designed for CIP cleaning
- 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

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RE80®HT Horizontal Pipeline Separator

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Installation & Applications

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

PROVEN EFFECTIVE IN

- | | |
|---------------------------|---------------------|
| ✓ Dairy powders | ✓ Flour |
| ✓ Pharmaceutical powders | ✓ Baking products |
| ✓ Liquids | ✓ 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.



HORIZONTAL PIPELINE

TESTS AND CERTIFICATIONS

Calibrated gauss meter certificate. Hydrostatic pressure tested to 400 PSI. Magnetics and documentation certified by HACCP International. Horizontal Pipeline 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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