



Liquid Line Magnet and Screener Combination Unit

A small Cherry Processor required a magnet and a screener to protect their product from any potential contamination and meet or exceed their food processing guidelines and regulations.

REQUIREMENTS:

1. Must pass FDA and HACCP audits
2. Magnet must be able to be relocated and used in several locations
3. Filter screen must be removable and adhere to HACCP an FSMA guidelines

SOLUTION: IMI supplied a simple and economical Large Tube T-Trap magnet with removable stainless steel screen solution that satisfied our customers requirements while also providing a superior metal capture rate and operation reliability over traditional t-traps. The 3 inch single large tube design does not suffer from the catastrophic failure issues of traditional multi-tube t-traps where the tubes eventually pull together into a clump of tubes as a result of magnetic forces, line pressure and wear over time which leads to the welds on the lid to break, potentially sending pieces of magnet and/or steel into the customer's product.

Features:

1. 52MgOe magnet material with 22 lbs. of pull
2. Heavy Duty, T316 SS Construction
3. HACCP & FSMA Compliant Insert Screen
4. 180°F Maximum Operating Temperature
5. 200 PSI Maximum Pressure

Benefits:

1. Easier to clean than a series of 1" tubes
2. Increased, direct in-the-flow, surface area for intimate magnet to product and metal contact
3. Minimizes chance of a catastrophic failure of the magnet.

For More Information On Liquid Line Magnets, See Techsheet **TG09**

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