

Save time and eliminate ferrous contamination with the **Easy-Clean Magnetic Separator**

The Easy-Clean Magnetic Separator enables you to eliminate the problem of ferrous contamination, safeguarding the quality of your products while keeping production downtime to a minimum.

Suitable for installation on the range of Compact Sieves, including the high-containment Compact Airlock Sieve™, as well as the Finex 22™ model, the magnetic separator instantly attracts ferrous particles and securely holds them onto its bars, keeping unwanted material out of your final product.



Improves your product quality

- Ferrous contamination can occur at several points along the production line, jeopardizing product purity.
- Sub mesh size ferrous particles are difficult to extract using traditional sieves alone. By using the Easy-Clean Magnetic Separator you can eliminate the problem of ferrous contamination, improve your product quality and protect your reputation.

Reduces costs

- Ferrous material can be wiped to the end of the bars, and easily collected as it falls away. This reduces your production downtime and as a result increases your productivity.
- Ferrous particles can be removed from your product during the raw material processing stage, thereby reducing the number of finished product rejections.

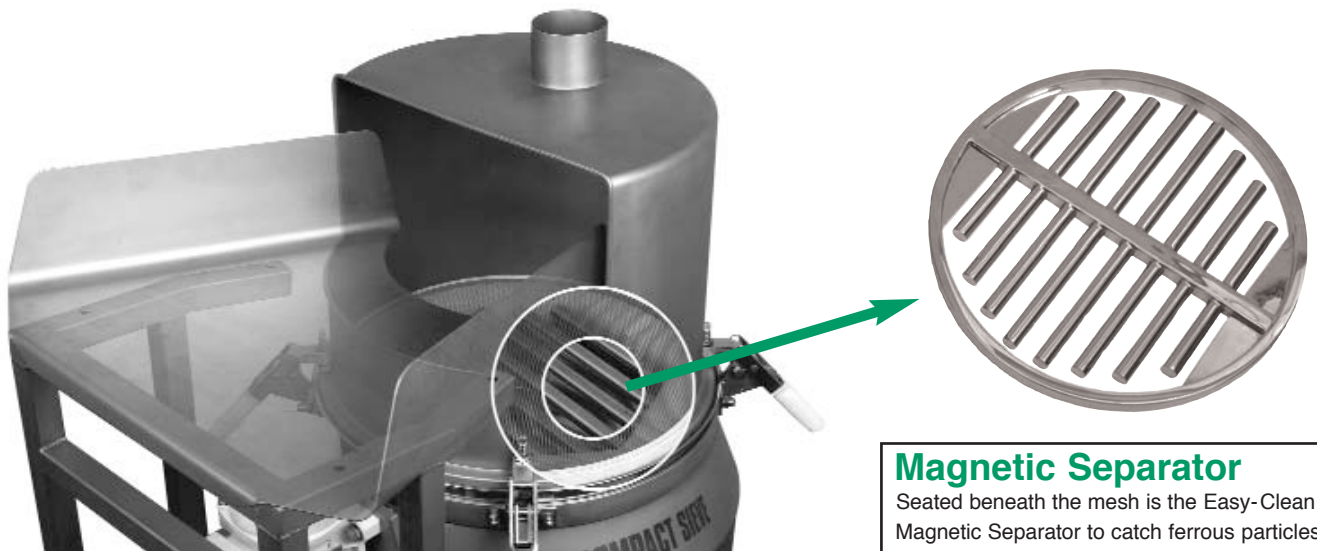
Increases your productivity

- The unique design of the Magnetic Separator allows for optimum coverage of magnetic field strength without jeopardizing throughput rates.

Russell Proven Technology made even more effective through working closely with our customers

Worldwide Leaders in Fine Mesh Separation

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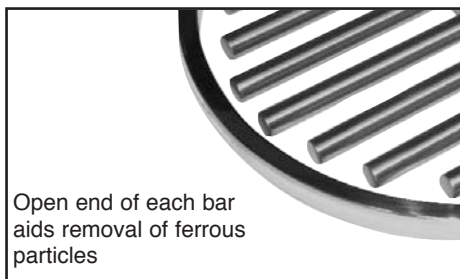
Magnetic Separator
Seated beneath the mesh is the Easy-Clean Magnetic Separator to catch ferrous particles which are smaller than the mesh size

How it works

- Constructed from 316L grade stainless steel, and available in a brush or mirror polished finish, the magnetic separator has been strenuously tested at Russell's ISO:9001 accredited facilities to ensure complete reliability. Available as a standard ferrite model, made of material achieving 4,500 Gauss, or in more powerful rare earth options made of material reaching up to 14,500 Gauss, this product is an essential tool when the risk of ferrous contamination is present.

- The magnet instantly attracts ferrous particles and securely holds them onto its bars, keeping unwanted material out of your final product. The number of bars is optimized to strike the right balance between coverage of open space and magnetic field strength without restricting throughput rates.

- To ease the removal of trapped contaminants, we have improved the design of the new Magnetic Separator,



Open end of each bar aids removal of ferrous particles

allowing for quick and easy cleaning between batches. Instead of being welded directly to the ends of a circular sieve frame, the magnetic bars are attached to a central support beam, leaving free space between the bar ends and the frame. This allows ferrous material to be wiped to the end of the bars, where it can be easily collected as it falls away.

Easy to retrofit to any sieve

- The Easy-Clean Magnetic Separator can be used on the range of Compact Sieves, including the high-containment Compact Airlock Sieve™, as well as the Finex 22™ model.

Proven in industry

For over 75 years, Russell Finex has manufactured and supplied filters, screeners and separators to improve product quality, enhance productivity, safeguard operators' health, and ensure powders and liquids are contamination-free.

Throughout the world, Russell Finex serves a variety of industries with applications including **food, pharmaceuticals, chemicals, adhesives, plastisols, paint, coatings, metal powders and ceramics.**

Call us today to find out how the Easy-Clean Magnetic Separator can revolutionize your product quality and improve your productivity.

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