



# ECCENTRIC ROTOR EDDY CURRENT SEPARATOR

*for Nonferrous Separation*





# ECCENTRIC ROTOR EDDY

Eriez' RevX-E® Eddy Current Separators feature an eccentric magnetic rotor for separation of nonferrous metals. The unit is designed with an eccentrically mounted magnetic rotor within the non-conductive larger diameter shell. The eccentric rotor concentrates its eddy current forces into a zone of separation at the end of the belt. By focusing its field, this design ignores ferrous material in the flow.

The eccentric rotor design reduces long-term wear due to heated ferrous build up.

### RevX-E Eccentric Eddy Advantages

- Rare Earth rotor produces a powerful focused field
- Rotor position is adjustable for optimum separation
- Reduces long-term wear from ferrous build up
- Compact design requires less space
- Access panels conveniently located for easy service



Side-by-side **Eddys** recover coarse and fine nonferrous material in an auto scrap recycling center in New Jersey.



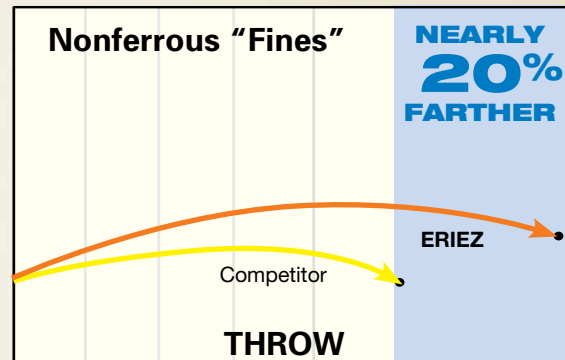
Multiple Eddys in operation processing nonferrous metals at a recycling facility in the Southwest.

### Superior Performance

Independent tests show Eriez' Eddy Current Separators throw aluminum "fines" nearly 20% farther than other top selling brands. This extra distance is critical to improving separation and recovery.



**SGS Report is available online at [Recovery.Eriez.com](http://Recovery.Eriez.com)**



# CURRENT SEPARATOR



*Eriez' RevX-Es are available in four sizes with all the equipment necessary for turnkey installation.*

## **Eddy Current Separator Rotor Designs**

**RevX-E** is offered in two models for coarse or fines material separation. For coarse material greater than one-inch, **model LT2** provides excellent separation with a deep field rotor designed for maximum trajectory. For nonferrous fines typically measuring less than one-inch, **model ST2** with its high-frequency rotor configuration concentrates the eddy currents closer to the belt's surface improving separation of this difficult material.

Both models are available in 1, 1.2, 1.5 and 2-meter widths and can be configured with a heavy-duty vibratory feeder, feeder support framework, separation shroud/splitter and controls for turn-key installation.



**Controls**



**Shroud/Splitter** – multiple point splitter adjustment



**Eccentric Rotor** – adjustable rotor placement to maximize separation



**Emergency Stop** – optional safety stops positioned along the belt

# EDDY CURRENT SEPARATORS

## ***Complete Package Includes:***

- RevX-E ST2 or LT2 Rotor and seamless belt
- 72" belt length
- Shroud with adjustable splitter
- Heavy-duty vibratory feeder and support structure
- Integrated controls



**Eriez RevX<sup>E</sup>**

**LT2 – Deep field rotor designed for large coarse fractions**

**ST2 – High Frequency rotor designed for fractions less than 1-inch**

*Note: Some safety warning labels or guarding may have been removed before photographing this equipment.*

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