



# GLOBAL SOLUTIONS

## NEWS RELEASE



*For Immediate Release*  
**News for the Recycling Industry**

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### **New Eriez® Separator Removes Stainless Steel Prior to Wire Cutting and from Zurik Fractions**



Erie, PA—The new Eriez® [Stainless Steel Rare Earth Roll Magnetic Separator](#) represents a breakthrough for wire chopping facilities, giving users a long-awaited solution to effectively remove stray stainless steel prior to any chopping lines. It reliably recovers and concentrates stainless steel from the “Zurik” conductive fraction from a fines -1” sensor sorting machine or the waste fraction from a fines -1” eddy current separator.

With a magnetic field strength in excess of 20,000 gauss on the roll surface, this [Stainless Steel Rare Earth Roll Magnetic Separator](#) is the strongest permanent magnet available anywhere. Its incredible magnetic power enables the unit to capture even the smallest pieces of stainless steel before they can cause expensive damage to blades on wire choppers.

The conveyor is designed on 5’ centers with a high strength magnetic head pulley (the rare earth roll) and features a 17 mil Kevlar® belt to convey material over the rare earth roll. An adjustable splitter assembly provides a split between a weakly magnetic stainless steel fraction and a non-magnetic material fraction.

Recycling Equipment Product Manager Chris Ramsdell says, “To avoid damage to the belt, input material must be magnetically treated prior to reaching the Rare Earth Roll Conveyor.” He adds, “We work closely with all our customers to understand their unique issues. This allows us to design a complete and effective system to remove any ferrous materials with drum magnets and/or magnetic head pulleys prior to processing on the Rare Earth Roll Conveyor. “

Eriez will showcase the new [Stainless Steel Rare Earth Roll Magnetic Separator](#)--along with a wide array of additional state-of-the-art metal recovery equipment--at the [2017 Institute of Scrap Recycling Industries \(ISRI\) trade show](#). Eriez is dedicated to advancing the recycling industry through innovation and investment in breakthrough metal sorting equipment. To further this commitment and develop new technology, Eriez established strategic partnerships with two outside firms. This consortium of thought leaders will be represented at the Eriez ISRI booth: 2915. Stop by to learn more.

For more information about the new Stainless Steel Rare Earth Roll Magnetic Separator, visit <http://erieznews.com/nr411>. For more information on Eriez’ full line of recycling equipment, visit <http://www.eriez.com/Markets/Index/Recycling>.

Eriez is recognized as world authority in separation technologies. The company’s magnetic lift and separation, metal detection, fluid filtration, flotation, materials feeding, screening, conveying and controlling equipment have application in the process, metalworking, packaging, plastics, rubber, recycling, food, mining, aggregate and textile industries. Eriez manufactures and markets these products through 12 international facilities located on six continents. For more information, call toll-free (888) 300-ERIEZ (3743) within the U.S. and Canada. For online users, visit [www.eriez.com](http://www.eriez.com) or send email to [eriez@eriez.com](mailto:eriez@eriez.com). Eriez World Headquarters is located at 2200 Asbury Road, Erie, PA 16506.

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