



# GLOBAL SOLUTIONS



## NEWS RELEASE



*For Immediate Release*

**Contact:** Ed Stevens, Stevens Strategic Communications  
[estevens@stevensstrategic.com](mailto:estevens@stevensstrategic.com)

John Blichka, Eriez  
[jblichka@eriez.com](mailto:jblichka@eriez.com)

**News for Recycling, Power and  
Energy Industries**

### **Eriez® Magnetic Solutions Help the WTE Industry Take Advantage of Rising Steel Prices by Recovering More Marketable Metals**

Erie, PA—[Eriez®](#) magnetic equipment separates lucrative amounts of metals from the inbound or residue streams attached to [waste-to-energy \(WTE\)](#) and refuse-derived fuel (RDF) application processes, enabling operators to take full advantage of current conditions where price and demand for steel is surging to record highs. With decades of experience and an extensive line of innovative [magnetic separation](#) products, Eriez experts can identify and customize the right equipment for these tasks.



WTE and RDF plants utilize unique processes and require different metal recovery techniques since material in each application is vastly different in size and composition, according to Eriez Heavy Industry Market Manager Darrell Milton.

When it comes to recovering metals from bottom ash in WTE applications, Eriez typically recommends two pieces of equipment: [Eriez P-Rex® permanent drum magnets](#) and [eddy current separators](#).

“The P-Rex Scrap Drum Magnet has many advantages over competitive drum magnets,” says Milton. “Most notable of all is its incredible magnetic strength and imperceptibility to heat soak.” Milton also notes the P-Rex has a proven track record of providing significant financial benefits for WTE customers. “Eriez’ introduction of the P-Rex magnetic drum into the WTE market has provided our customers a significant increase in ferrous metal recoveries, in some cases over 50%,” he says.

Milton continues, “Record steel prices bring remarkable opportunities to WTE.”

The eddy current separator handles nonferrous fragments including fines. Its eccentric rotor produces a powerful focused field to deliver unmatched performance.

“Within RDF plants, inbound material is treated pre-burn via shredding, screening and metal separation,” Milton explains. “In this case, Eriez can provide a magnetic separator for ferrous material recovery and an eddy current separator for nonferrous metals recovery.” Milton says that this powerful combination produces excellent results with high metal separation efficiency.

To learn more about Eriez magnetic separation equipment for WTE processing, visit <http://erieznews.com/nr556>. From this page, readers can download the [P-Rex Scrap Drum](#) white paper.

Eriez is recognized as the world authority in separation technologies. The company’s magnetic separation, metal detection, material handling, fluid recycling and advanced flotation technologies have application in the mining, processing, packaging, food, recycling, aggregate, plastics and metalworking industries. Eriez designs, manufactures and markets these products through 13 international subsidiaries located on six continents. For more information, visit [www.eriez.com](http://www.eriez.com) or contact Eriez Headquarters, 2200 Asbury Road, Erie, PA 16506 USA at +1 814 835-6000 or [eriez@eriez.com](mailto:eriez@eriez.com).

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