



## NEWS RELEASE

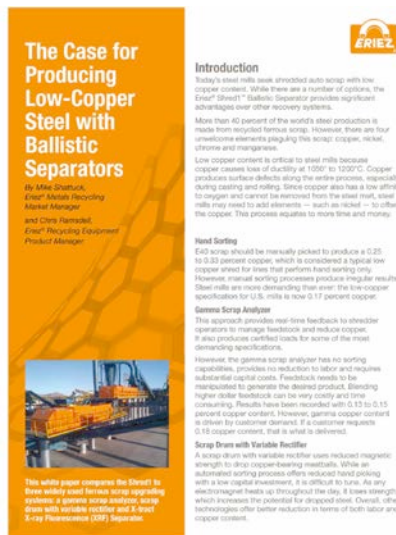


**For Immediate Release**  
**News for the Recycling Industry**

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

John Blich, Eriez  
[jblich@eriez.com](mailto:jblich@eriez.com)

### **New Eriez® White Paper Describes How Shred1™ Ballistic Separators Produce Low-Copper Steel and Cut Hand Picking Labor in Half**



Erie, PA—Eriez® announces the release of a new white paper which makes a compelling case for producing low-copper steel with ballistic separators. The paper compares the [Shred1™ Ballistic Separator](#) to several other widely used ferrous scrap upgrading systems, revealing that the Shred1 is a low investment option which cuts hand picking labor in half.

“The Case for Producing Low-Copper Steel with Ballistic Separators,” written by Eriez Metals Recycling Market Manager Mike Shattuck and Eriez Recycling Product Manager Chris Ramsdell, begins by emphasizing the demand from today’s steel mills for low copper steel. It goes on to examine the many challenges processors face when producing low copper steel to meet a typical mill’s exacting specifications.

The white paper provides an overview of three of the most popular recovery systems used to produce low copper steel: gamma scrap analyzers, scrap drums with variable rectifier and X-tract X-ray Fluorescence (XRF) Separators. It covers the capabilities, advantages, drawbacks and average melt results for each piece of equipment.

The final section of the white paper focuses on the [Eriez Shred1 Ballistic Separator](#). It describes how this equipment uses ballistics to efficiently separate iron-rich ferrous from mixed metals in the post-drum magnet flow. It also includes a chart depicting a typical ferrous system layout.

According to the white paper, the [Shred1](#) has minimal ongoing operating costs with no need for air and only very little electricity. Since the Shred1 is entirely automated, hand picking labor becomes more focused and efficient. Scrap dealers with a capacity of 400 tons per day are reporting the need for only two pickers, which represents a reduction of 50 percent when compared to strictly relying on hand-sorting.

“As evidenced in the white paper, the Eriez Shred1 Ballistic Separator provides significant advantages over other recovery systems,” says Shattuck. To learn more, download “The Case for Producing Low-Copper Steel with Ballistic Separators” by visiting <http://erieznews.com/nr439>.

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 (814) 835-6000. 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.