



NEWS RELEASE

For Immediate Release

News for the Recycling Industry

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Shred1™ Ballistic Separator from Eriez® Automatically Produces a Premium, Low-Copper Shred



Erie, Pa. — Eriez' new [Shred1™ Separator](#) uses ballistics to effectively separate iron-rich ferrous from much of the mixed metals and waste material in the post drum magnet flow. This powerful and innovative separator delivers three distinct fractions: a premium low-copper content #1 Shred, a traditional #2 shred and a heavy/light/waste mix.

When a Shred1 Ballistic Separator is combined with Eriez' revolutionary P-Rex® Permanent Rare Earth Magnetic Drum, the system is referred to as the CleanStream™ Process. Not only does this new CleanStream Process recover more ferrous and concentrate 75 percent of the post drum magnet flow into a low-copper premium shred, it also eliminates the need for a scavenger magnet, a z-box air system and hand picking the entire flow.

The three fractions and their characteristics produced by the Shred1 Ballistic Separator include the following:

- Fraction one is a high-value, low-copper content ferrous product with a higher value than a #2 grade fraction. According to Eriez®, demand for this premium product is on the rise. Fraction one contains 60-80 percent of flow and contains less than .2 percent copper and unlike traditional polishing drums, this fraction does not require any picking.
- Fraction two represents approximately 20 to 30 percent of the flow and contains mostly mixed metals, copper and aluminum with steel housings or cores. Hand sorting can be accomplished with relatively few pickers because only a fraction of the total shredder discharge is picked.
- Fraction three consists of heavy steel objects and light material, such as fluff, rubber and some wire. This fraction can be picked with fraction #2 or stock piled and re-processed later. Fraction three contains 5-7 percent of the flow.

To learn more about Eriez' Shred1 Ballistic Separator, visit <http://en-us.eriez.com/Products/Recycling/shred1ballisticseparator/>. From this Web page, visitors can download a Shred1 brochure in PDF format and watch a video highlighting the process.

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Eriez is recognized as world authority in advanced technology for magnetic, vibratory and inspection applications. The company's magnetic lift and separation, metal detection, x-ray, materials feeding, screening, conveying and controlling equipment have application in the process, metalworking, packaging, recycling, 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 or send e-mail to eriez@eriez.com. Eriez World Headquarters is located at 2200 Asbury Road, Erie, PA 16506.

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