



NEWS RELEASE

For Immediate Release
News for the Recycling Industry

Contact: Ed Stevens, Stevens Strategic Communications
estevens@stevensstrategic.com

Keith Jones, Eriez
kjones@eriez.com

Eriez® FinesSort™ Enables Superior Fine Particle Reclamation



Erie, Pa. — The Eriez® [FinesSort™ Metal Recovery System](#) (MRS) utilizes a series of powerful magnetic components to process discarded “fines” material that has passed through the initial screening stage to recover valuable ferrous and nonferrous metals. **FinesSort** MRS not only reduces the amount of waste destined for landfill, but also reclaims thousands of pounds of metals per day.

“This System is a perfect solution for any scrap yard operators looking to be more environmentally-friendly and profitable,” said Mike Shattuck—Eriez Heavy Industry Project Manager. According to Shattuck, **FinesSort** offers payback on investment in as little as six months.

Shattuck explains, “Scrap yard operators often only focus on reclaiming larger sized nonferrous metals, ignoring smaller material referred to as ‘fines’ which represents roughly 15 percent of the original total flow.” He continues, “When you consider that within the fines, generally less than 5 percent is recyclable metal, the stream may seem insignificant. However, reclaiming these valuable metals can be worth hundreds of thousands of dollars annually!”

FinesSort MRS is available in 60-inch widths which can typically process ~15 tph. of fines. Each machine is built of heavy gage steel and assembled on a rugged steel framework.

FinesSort in Operation

Material is presented to the ferrous separation portion of the machine where a series of magnetic separators recover any ferrous present in the material stream. The initial separation consists of a Rare Earth Dynamic Head Pulley where weakly magnetic material is removed from the material stream. This ferrous material is presented to a Cleanup Drum where saleable ferrous is removed, cleaned and conveyed to a collection bin. Magnetic debris is delivered to a waste conveyor.

Nonferrous materials are presented to a High Frequency Eddy Current to recover smaller pieces of nonferrous metals. Recovered nonferrous metals are conveyed to a collection bin. Recovery and grade of nonferrous metals is typically +90 percent. Nonferrous debris is delivered to a waste conveyor.

-More-

To see an animation of the **FinesSort** MRS at work, visit <http://www.eriez.com/Products/FineSort/>. For more information about Eriez' innovative **FinesSort** MRS, contact Eriez and request brochure MMPB-94 or download a PDF version of the brochure by visiting <http://www.eriez.com/Products/FineSort/>.

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 ten 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.

###