



ORANGEREPORT

RECYCLING INDUSTRY

Interstate Shredding Increases Revenue and Reduces Landfill Waste by Using Equipment from Eriez® for Total Metal Recovery



FINESORT™ METAL RECOVERY SYSTEM



PROSORT METAL RECOVERY SYSTEM

Problem:

[Interstate Shredding](#), Girard, OH, collects, processes, recycles, trades and brokers ferrous and nonferrous metal, which they purchase from industrial manufacturers, auto salvage facilities and metal dealers. The metal generally comes from obsolete machinery and equipment, mostly autos and home appliances. Interstate dates back to the 1950s, but when new owners took over in late 2008, they wanted to upgrade the entire infrastructure to make the operation more profitable in the competitive world of scrap metal recovery.

Solution:

Along with a shredder that has a shredding capacity of 10,000-15,000 tons of scrap per month, Interstate also invested heavily in equipment from Eriez®. In the upgraded process, Eriez' [Electro Agitating Drums](#), [AIP Magnetic Pulleys](#) and [Xtreme™ Eddy Current Separators](#) separate larger pieces of scrap metal for re-sale. While this degree of separation would be enough for many salvage facilities, Interstate took total metal recovery to a higher level by installing Eriez [ProSort](#) and [FinesSort®](#) Metal Recovery Systems at the onset. The ProSort recovers the majority of nonferrous and stainless steel greater than one inch. The FinesSort recovers metals less than one inch.

Result:

The Eriez equipment at Interstate is capturing metals that used to end up in the landfill. Since Interstate now has more valuable metals to sell, their profits have increased.

Note: Some safety warning labels or guarding may have been removed before photographing this equipment.

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