

## ***Ballistic metal sorter***

Eriez Magnetics Europe, Caerphilly, UK, has introduced the Shred1™ separator which employs ballistics for efficient removal of ferrous particles and objects from much of the mixed metals and waste material in the post magnetic drum flow phase of scrap processing lines. This powerful and innovative separator delivers three distinct fractions, the first being a high-value, low-copper-content ferrous product. This valuable shred represents more than 70% of the flow and contains less than 0.2% of copper. The second fraction represents less than 20% of the flow and contains mostly mixed metals, copper and aluminium with steel housings or cores. Hand sorting of this fraction can be achieved with relatively few pickers. The final low-volume fraction representing less than 7% of the flow consists of heavy steel objects and light material such as fluff, rubber and some wire. This fraction can also be easily picked or sorted. [www.eriez.com](http://www.eriez.com)



***Shred1 separator from Eriez Magnetics***