

PRESS RELEASE

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APPLICATION NEWS – RECYCLING INDUSTRY

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Six metre double-stacked Eddy Current Separator Module supplied to St. Margarets Recycling for complete metal recovery

Eriez Europe has provided a one-stop custom solution to St. Margarets Metal Recycling and Transfer Centre Ltd. metal recovery problem within their scrapping process. Eriez designed and manufactured a dual-pass Eddy Current Separator (ECS) module that will allow for optimum separation of ferrous and non-ferrous metals.

St. Margarets is a large recycling centre with a metals division, specialising in the buying and selling of scrap metals, including high carbon steel, stainless steel, aluminium, brass, copper, lead and zinc. They approached Eriez with the requirement to separate ferrous and non-ferrous metals from automotive shredder residue (ASR) to increase the purity of their end product and command the highest possible resale value. Given Eriez' vast knowledge of metal separation and decades of experience in the recycling industry, a custom solution was recommended. The six metre high module includes a vibratory feeder, magnetic drum separator and two 1.5 metre wide Eddy Current Separators.



The vibratory feeder ensures an even, mono-layer spread of material to maximise efficiency and improve separation before it is fed into the permanent magnetic drum separator. Here the larger pieces of ferrous metals are recovered before the material passes through the conveyors on the Eddy Current Separators separating the valuable non-ferrous metals from the ASR. A dual-pass process where the material passes through a second Eddy Current Separator optimises metal recovery, providing a clean, high-quality end-product.

The unit has now been despatched to Dublin and is awaiting installation in St. Margarets Recycling Centre.

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Gareth Meese, Sales Director at Eriez Europe commented: "The ECS module supplied to St. Margarets is one of the largest units we've supplied recently. It provides an efficient, economical solution to recycling and waste companies who require maximum levels of ferrous and non-ferrous metal recovery from different waste streams. The recycling industry continues to be a key area of focus for Eriez Europe. Through continuous research and development of our separation technologies, we have added significant value to our customers processing requirements and are pleased to supply St. Margarets with a complete metal recovery solution with our ECS module."

Bryan McDonnell of St. Margarets commented, "The Eddy Current Separator supplied by Eriez Europe will ensure a vast improvement to our recycling process, improving the product purity and resale value of the metals recovered."

Eriez has a proven track record of providing valuable metal separation solutions to the recycling industry. For further information, contact Eriez on +44(0)29 2086 8501 or email info-europe@eriez.com

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About Eriez Europe:

Eriez Magnetics is recognized as world authority in separation technologies. The company's magnetic lift and separation, metal detection, materials feeding, screening, conveying and controlling equipment have application in the process, metalworking, packaging, plastics, rubber, recycling, mining, aggregate and textile industries. Eriez manufactures and markets these products through 12 international facilities located on six continents. Eriez Europe Ltd. has its head office in Caerphilly, South Wales, UK. For more information visit www.eriez.eu