ERIEZ MAGNETICS EUROPE LTD.

PRESS RELEASE

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APPLICATION NEWS – Metal Detection

July 2019

Bespoke metal detection solutions provided for glass & PVC recycling

Manufacturing industries are continuously looking for methods of refining their production process. Eriez Europe has recently supplied an **E-Z Tec 9000 R Metal Detector** with **Pneumatic Reject System** to be utilised by a customer that manufactures glass beads, used to increase durability and anti-skid and reflective properties in road markings. Despite this application, the bespoke design can be adapted to apply to many other industries and this project is an example of the effectiveness of such innovation. The installation of this metal detector has facilitated the extraction of metal contaminants from their process line; which in turn protects the machinery, saving time and resources, alongside the immeasurable value of a higher quality end-product.

E-Z Tec 9000 R Metal Detector with Pneumatic Reject System

Following decades of market-leading metal detection solutions, Eriez Europe was selected to commission a detector that fit these specialised requirements. Additionally, the glass production was monitored on site by Eriez representatives to ensure the most effective design was implemented. Eriez Europe was confident to present the **E-Z Tec 9000 R Metal Detector**, in combination with the **Pneumatic Reject System**, as the most practical solution as it excelled the detection requirement needed with its capacity for a high level of sensitivity and detection of small contamination. Providing the **E-Z Tec 9000 R** with the **Pneumatic Reject System** on the conveyor specifically allows for the process to be continuous. The system supplied is a complete modular solution; working in line with the current glass processing applications on site. The installation will therefore not disrupt any current processing practices.

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Pneumatic Reject
System on the E-Z Tec
9000 R Metal Detector

When asked about this opportunity to supply a bespoke **E-Z Tec 9000 R**, Paul Hale, Metal Detection Sales Manager, commented "*We were delighted upon receiving the enquiry and excited to get to work. The E-Z Tec 9000 R is ideal for glass processing as it will provide high levels of sensitivity and has the capacity to detect small levels of contamination. The added element of the pneumatic reject system on the conveyor will guarantee a continuous process, eliminating any stoppages*".

However, this has not been the only recent success with the **E-Z Tec 9000**. The smaller **E-Z Tec 9000 RD** model, albeit still boasting the same detection capabilities, was supplied to detect metal contaminants in the recycling of PVC window frames.

E-Z TEC 9000 RD
Metal Detector

Installations of **E-Z Tec 9000 Metal Detectors** with **Pneumatic Reject Systems** demonstrate Eriez Europe's competency in providing custom products for metal detection requirements. Eriez Europe continues to work closely with various and diverse organisations to provide turnkey solutions to unique applications across a range of industries, delivering the best possible results in the detection of metal contaminants.

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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

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