

PRESS RELEASE

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COMPANY NEWS – EXHIBITION NEWS

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Eliminate problem metals at PPMA 2017

Removing metal contamination is critical in any processing and packaging line. Unwanted metals not only result in costly damage to machinery, loss of productivity and downtime but can impact a company's reputation on product quality. On stand G24 at PPMA 2017 at the NEC in Birmingham, UK from the 26th to 28th September, Eriez Europe will be making their debut at the show showcasing a range of their magnetic separation and metal detection solutions for improved and efficient metal removal and product purity.

Magnetic separators are the first line of defence to remove unwanted metals such as steel fragments, scale, rust and fine iron in the process flow that can damage equipment or contaminate products. These range from simple magnetic grates to powerful high-intensity magnetic filters. At PPMA, visitors can see a selection of magnetic separators for ferrous contamination that can be installed in chutes, ducts, pipes, over belts and under belts, and other areas where free-flowing materials are present.

To maintain high quality standards and improve quality control, metal detectors are installed to safeguard against ferrous, non-ferrous and stainless steel metal contaminants. Detectors are positioned at different locations throughout the process from raw or bulk material through to final package inspection before products are despatched.

For the first time in Europe, Eriez will be showcasing the Xtreme® Metal Detector, the newest model in the company's extensive metal detector product range. This feature-rich, multi-frequency unit is designed to achieve the highest levels of sensitivity to detect small metal contaminants in packaged, loose and free-fall applications.

Designed to strike a perfect balance between absolute detection of all metal and elimination of false signals that slow down production, the Xtreme® Metal Detector has the ability to detect 0.4mm spheres for a superior protection against contaminants while maintaining plant productivity.



For the separation of all metals from particle flakes and recycled plastics, the Tri-Sep metal separation station will also be in operation at the show. Easily retro-fitted, the Tri-Sep incorporates an Eriez EZ Tec 9100 metal detector, PM Grate Magnet, volumetric Vibratory Feeder and lightweight manoeuvrable frame.

The EZ Tec 9100 is a compact metal separator designed for installation in free fall or gravity-fed applications and can be used as a stand-alone unit or installed in line with the process flow. It is successfully used to produce high grade PET flakes and granulated plastics used in food packaging when run with an Eriez vibratory feeder and a magnetic grate that removes the fine ferrous content before it reaches the metal separator. The EZ Tec 9100 then directs metal contaminants, such as aluminium flake, into one bin and the clean, metal-free flakes into another.

The Tri-Sep offers a low-cost, compact and time-efficient solution for bulk sample processing and is ideal for use in lab and quality control applications.

The equipment on show is just a small selection of the extensive range of equipment Eriez supplies to the industry. The team will be on hand to offer their expertise on the most effective solutions for removing metal contamination.

On exhibiting at PPMA 2017, Gareth Meese, Sales Director, at Eriez Europe says:

“We are excited to make our debut at PPMA in September and showcase the comprehensive range of equipment we have to offer the processing and packaging industries. PPMA presents a great platform to meet with our existing customers as well as make contact with new companies. We’re looking forward to a successful show.”

If you wish to make an appointment with the Eriez team at PPMA 2017, please contact +44 (0)29 2086 8501 or email info@eriezeurope.co.uk.

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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.en-gb.eriez.com

