



PRESS RELEASE

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PRODUCT NEWS – CASE STUDY

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First Eriez Xtreme® Metal Detector sold in UK

JE Hartley, a frozen food supplier, has purchased the first Xtreme® Metal Detector in the UK for their manufacturing process line.

The company processes bagged frozen vegetables at -20°C and contacted Eriez Europe for the best sensitivity metal detector for their process line. As a company who have built their reputation as the leading provider of the safest frozen ingredients available to food manufacturers, including baby food manufacturers, sensitivity was key to their request.

Eriez Europe offered JE Hartley the Xtreme® Metal Detector, confident that the required sensitivity could be achieved with the newest model in the company's extensive metal detector product range. With its multiple frequency range and vibration immunity, the Xtreme® Metal Detector is designed to achieve the highest levels of sensitivity to detect small ferrous, non-ferrous and stainless steel metal contaminants.

The company also required a full conveyor system with the detector that fitted in with their existing process line. The conveyor was custom-designed with a stainless steel inclined frame to fit between two existing conveyors, and included variable belt speed, internal drum motor,





emergency stop, and belt stop alarm. The conveyor was designed using a modular belt and conveyor bed for easy removal and cleaning.

Happy with the sensitivities achieved, JE Hartley placed the order and the unit recently shipped to the company's processing plant in York where it has now been successfully installed.

Paul Hale, Sales Manager – Metal Detection at Eriez Europe, comments “We gathered crucial information from our customers about what they want and need in metal detection equipment and we designed the Xtreme® Metal Detector to exceed these demands and expectations. It is the first in a line of Eriez metal detectors that will add even more enhancements that the food and packaging industry will want as time goes on. In our experience, the flexibility and ability to customise a metal detection system to match specifications is unique.

As part of the campaign to develop the Xtreme® business in Europe, Eriez Europe has redesigned the conveyor system to increase cost-efficiency and reduce production time, whilst also incorporating the guarding required to comply with the CE Machinery Directive Regulations.

The new conveyor system design now significantly reduces manufacturing time with the stainless steel frame, support structure rollers and conveyor belt manufactured as separate entities, reducing the number of sub-assembly components from twelve to five.”

For more information on the Xtreme® Metal Detector, visit

<http://en.gb.eriez.com/Products/Index/Xtrememetaldetector>



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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