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Issue 13

Global News and Information on the Bulk Materials Handling, Recycling and Quarrying Industries

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Haith Industrial exhibit latest CBB-CD65C decanter centrifuge

Part of the Haith Tickhill Group, Haith Industrial are widely recognised in the water treatment, robotic handling and waste handling fields as a company that can offer a full turnkey service. As a forerunner in design and technology the group has won many awards for quality innovation and is constantly launching new products.

As water and sludge treatment systems are an important element of the company product portfolio the company will exhibit at Hillhead the latest design of a lamella settling system, with automatic sludge monitoring and discharge system, alongside a CBB -CD65C decanter centrifuge designed for use with quarry waste.

Illustrating their prowess in designing efficient material handling systems, further exhibits include a bulk bag filling system for the rapid filling of bulk bags by weight and a sample section of a Haith picking station conveyor system.



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Mogensen has announced it will display separating and vibratory feeding machines at Hillhead 2010.

It will show a Type SRSL 1700/1000 1m-wide, open single-deck vibratory screen, which offers a cost-effective option for lighter screening duties such as waste processing, low tonnage applications and fine separations; and a Type C1544 1.5m-wide enclosed, four-deck screener for high-accuracy, multiple separations.

Both of these machines are fitted with Invicta rotary electric vibrators.

The third machine on display will be a Type TRH 1360 2570 vibratory feeder powered by an Invicta hydraulic vibrator.

This machine is designed for use in both mobile and static plant without electrical power supplies.



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Eriez Showcase the Latest Separators, Detectors and Samplers Hillhead 2010



Eriez are exhibiting the latest technology in metal removal, detection and sampling equipment on stand P136 at Hillhead 2010. On the stand will be a self cleaning version of the Model CP Suspended Permanent Magnet, a Cross Belt Sampler and a Metalarm 3000 Metal Detector.

Overband Permanent Suspended Magnets are used to protect valuable crushing and screening equipment against tramp metal damage or simply for removing iron from demolition rubble. The Eriez CP Magnet is robust, requires minimal maintenance, is very simple to install and operate and is very versatile. Along with the CP Magnet, Eriez also offer a TP Suspended

Permanent Magnet which are more specialised for the removal of long, thin, sharp metals such as nails.

In addition to Magnetic Separators, Eriez will also be showcasing their automated Sampling equipment. A Cross Belt Sampler will be found on the stand which is designed for operation on all types of granular material and obtains a representative sample direct from a moving trough belt conveyor. It requires minimal installation work and minimum maintenance.

With the pressure on many industries to supply a product which reaches the highest quality specification possible, numerous companies around the world will have a requirement to sample products. Automatic Online Sampling makes sure that the quality of the goods they sell or buy meets the stated specification. Some companies rely on manual sampling techniques, but this approach is open to abuse and to a high incidence of human error and bias.

Along with Magnetic Separators and Sampling equipment, Eriez Europe also design and manufacture Metal Detectors to detect ferrous and non-ferrous metals. Installing an Eriez Metal Detector on a conveyor belt system will protect downstream machinery from damage caused by tramp iron on the conveyor. They are easy to install and operate and typically consist of a control unit, search coil and connecting cable. Each coil is custom designed to optimise the sensitivity of the Metal Detector to meet the individual customer needs. At Hillhead, Eriez will have an operational Metalarm 3000 Metal Detector on their inside stand. It will be mounted on a conveyor belt and will demonstrate what the Eriez Metal Detectors are capable of.

To accompany the Metal Detector there will be various Metal Detector Accessories including the recently launched Inkjet Marker MK-II and SpyMet. The Inkjet Marker sprays ink onto a product stream to mark the location of pieces of detected metal contamination on a conveyor belt whilst the SpyMet can indicate the number of metal contaminants within a specific zone. Both of these accessories used either individually or part of a system provides a solution to track and locate tramp metal on a conveyor belt leading to minimal loss of production time and improved plant efficiency.

If you are interested in any of the products mentioned or would like to become a representative for Eriez **please visit the Eriez stand at Hillhead (P136).**



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