

ERIEZ METALARM

3000 Range of

METAL

DETECTORS



The ERIEZ METALARM Metal Detectors are in operation around the world protecting a wide range of machinery from damage by metal.

Features

- Protects all types of machinery
- Detects ferrous and non-ferrous metals
- Easy to fit to belt and vibratory conveyors
- Signal monitoring and self-checking facility
- Audible and visual alarms (optional)
- Fully compliant with 'CE' EMC regulations - essential for supply to EU countries.
- A range of control unit models and a wide selection of search coils mean a solution to almost any metal detection problem



Industries

- Wood processing
- Plastics, rubber and packaging
- Quarrying and mining
- Minerals
- Textiles and clothing
- Glass
- Recycling
- Food
- Paper / Pulp



Underbelt Search Coil - Model TR

For use with conveyors fitted with idler sets. Burden heights up to 300mm when locating typical tramp metal, such as bucket teeth, large nuts, bolts, etc.

A specialised series of coils is available for where idler spacing is unusually close.



Underbelt Search Coil - Model TR-10

For applications where it is only required to detect a 75mm (3 inch) piece of metal and above. Normally such sensitivity control is only possible with bridge type coils.



SF Plate Coil

For applications where there is a large amount of surrounding metal and/or a high level of electrical interference.

The unit replaces a section of the base conveyor over a length equal to the width of the conveyor.



Bridge Coil - Model BR

Transmitter/ Receiver Mode

Can be adjusted to ignore smaller pieces of metal. Suitable for detecting metal contamination in heavily mineralised materials.



Bridge Coil - Model BR-10

For applications with aperture heights up to 1000mm or more requiring high sensitivity.

BR Swing Top Coil

The new BR Swing Top Coil features a suspended top for applications where unusually high burdens can arise.

The swing top coil is manufactured in high strength, lightweight fibreglass, lined with a stainless steel angle to protect the search coil from direct impact. This search coil is recommended for use where burden heights are variable and on belt widths over 1.2 metres wide.



Vibratory Trough Coil - Model VC

Fitted to the base of vibratory conveyors or into the base of 'U' section conveyors.



