

Metal Detection System AluScan

Metal detection system for the reliable detection and rejection of ferrous and stainless steel contamination in aluminium packed products such as ready meals, pastry and snack products.



**DETECTS SMALLEST
FERROUS AND
STAINLESS STEEL
CONTAMINATION IN
ALUMINIUM
PACKED PRODUCTS**

We assure
metal free
products

- For the detection of ferrous and stainless steel contamination in all types of aluminium packed products.
- High degree of sensitivity due to the uniquely designed system, detecting the rest-magnetism present in the metal contamination.
- Reliable detection of ferrous and stainless steel metals. Detection of open or encapsulated metal contamination present in the product.
- New dynamic control system ensures that only the contaminated product is rejected, regardless of the product gap and operation speed.
- Automatic rejection of metal contaminated products by fast reacting and high performance separation system.
- Custom specific versions available for ease of integration. For products higher than 50 mm an additional sensor can be positioned above the product "looking" down, ensuring an accurate level of ferrous and/or stainless steel contamination detection.

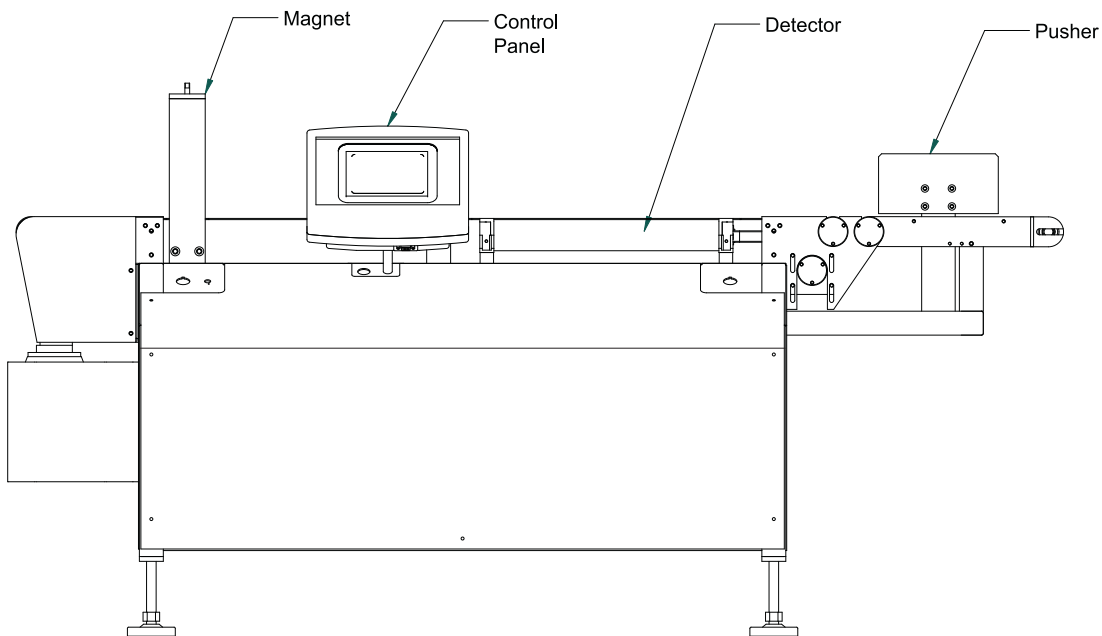


THE POWER OF METAL DETECTION

MESUTRONIC[®]
Metal detectors and separators

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Operating principle



Function diagram

Metal detection system AluScan series, with automatic product rejection for ferrous and stainless steel contaminated products without interruption of the production process.

Non-contaminated products pass over the metal detector without activating the reject mechanism.

Ferrous or stainless steel contamination in the product is magnetised and detected through the rest-magnetism present, the reject mechanism quickly activates to reject the metal contaminated product by activating the pusher system.

After the metal contaminated product is rejected, the reject mechanism will retract into normal position.



LCD graphics display with touchscreen operation surface of the metal detection system AluScan.

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