VARICON+
Conveyor based Metal detection systems

- Space efficient metal detector individual and packaged goods up to 50 kg
- Enhanced easy clean hygienic design
- Available with a wide range of detector heads
- High stability, precision inline metal detection with very short metal-free zone (MFZ)
- Compliant with BRC, IFS and HACCP standards
- Dry and wet environment versions



VARICON+ system features:

- High sensitivity with C-SCAN GHF detection heads with standard HML multi-frequency technology
- Rugged construction with hygienic open section framework
- Economic and readily available with competitive lead times

System components:

- GLS or C-SCAN GHF series detection coil
- Conveyor belt range from 200 mm to 500 mm belt width
- Standard "stop-on-detect" control or automatic rejection options depending on the application

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Functions:

The VARICON+ metal detection system detects all metal contaminants (ferrous, non-ferrous and stainless steel) – even when enclosed in the product. Designed for a wide range of packaged and unpackaged products.

Typical applications:

Inline inspection at almost every stage of the production line from goods inwards to end of line applications.

Standard belt widths from 200 to 500 mm and effective aperture heights from 100 to 350 mm.

The VARICON+D series is designed for dry areas, the VARICON+W series for more hostile environments.

Performance features:

- State-of-the-art detection coil technology with short metal-free-zones which allow minimum conveyor length
- Open, easily accessible design allows easy cleaning and plant hygiene procedures
- Rugged stainless-steel construction enhances sensitivity and system stability
- Surface finish and conveyor design meet food industry cleaning and hygiene requirements



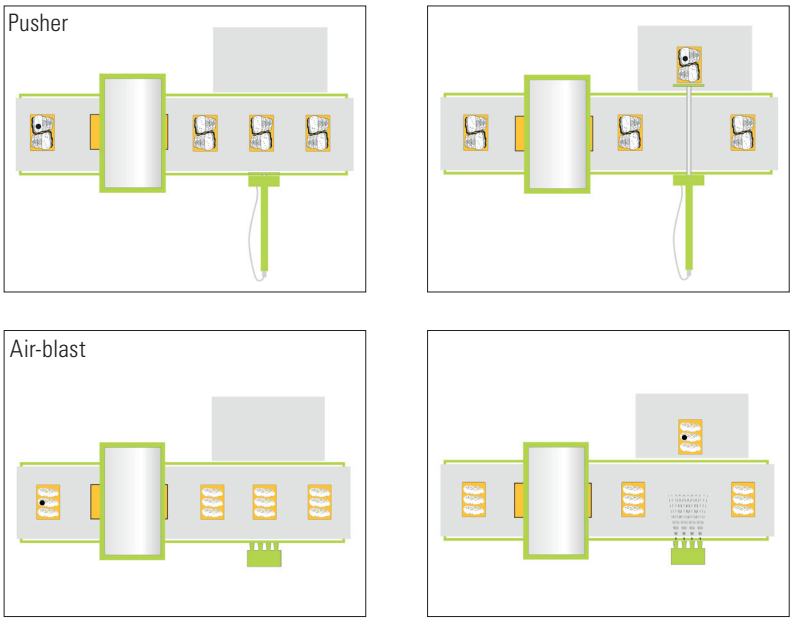
VARICON+W with modular belting for "wet" area applications



VARICON+D with C-SCAN GHF high sensitivity detection head.

Rejection Systems:

Application specific (pusher or air-blast) with lockable collecting container are available as standard options.
Other separating systems (swivel arm, retracting belt, or reject flap) are available on request.



Typical reject systems

Metal detection heads and controls:

VARICON+ systems are equipped with the GENIUS+ Control Unit and either a GLS or a C-SCAN GHF search head.

The following features are common to all Sesotec detectors:

- DSP processing and quartz-stabilised operating frequency
- Sophisticated microprocessor technology with self-monitoring, auto-balancing, and temperature compensation
- Product compensation with auto-learn function
- Multi-product memory
- Special EMC combined-filtering for external interference suppression
- Password-protected system logbook and menu driven validation system for HACCP, IFS and BRC compliance

Additional the C-SCAN GHF features:

- Standard integrated GENIUS+Touch Control Unit with USB port
- HML multi-frequency technology for optimal product compensation and highest scanning sensitivity
- Improved evaluation logic optimised for, stainless steel detection
- Hygienic design protected to IP 65(IP 66/IP 69K available as options)

For more information or for a face to face discussion please contact our experienced Sesotec sales engineers.