VARICON COMPACT

Metal detection system with conveyor belt for the inspection of piece goods

- Short and flexible conveyor system
- Robust, reliable and hygienic inline metal detection
- Reliable metal detection for quality inspection in the food industry according to IFS and HACCP
- Ensures product quality
- Prevents customer complaints
- Break even within a very short period of time
- High metal detection performance



VARICON COMPACT-W with options signal combination and castors

- Reliable metal detection with high detection accuracy in the production line, with a very compact design
- Sturdy design with open conveyor belt frame for hygienic wiring
- Adjustable conveyor belt height from 510 mm to 910 mm
- VARICON COMPACT-D version for application in dry areas, VARICON COMPACT-W version for application in wet areas
- IFS and HACCP compliance
- Quick and easy cleaning of the complete system

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Functions:

The VARICON COMPACT metal detection system is used for the inspection of piece goods in the food industry. It detects all magnetic and non-magnetic metal contaminations (especially iron, stainless steel, and aluminum) even if such contaminations are enclosed in the product. The belt-stop function stops the conveyor belt when a metal contamination is detected.

Typical applications:

- Incoming goods and outgoing goods inspection
- Inspection in production lines during packing, weighing, and labelling

Suitable product size of the biggest design version:
- Product height max. 300 mm
- Product width max. 400 mm

Electronic control and evaluation unit:

- Digital signal processing and quartz-stable search frequencies
- State-of-the-art microprocessor technology with self-monitoring, auto-balancing, and temperature compensation
- Product compensation with auto-learn function
- Multi-Product Memory
- Special EMC combination filter to suppress external interference
- Password-protected system logbook and menu-guided validation system for HACCP, IFS compliant quality monitoring

Additional performance features:

- Latest coil technology with extremely short metal-free zone allows shortest conveyor belt lengths
- Open and easily accessible design allows easy cleaning of the complete system
- Sturdy stainless steel conveyor belt construction guarantees highest scanning sensitivity and stability in this class
- Surfaces and design in compliance with the food industry's hygienic requirements
- Multi-frequency technology allows an optimal inspection of a wide variety of products

Main components:

- GLS tunnel metal detector
- Conveyor belt with 300 mm or 400 mm belt width
- GENIUS+ Control Unit with belt-stop when metal is detected

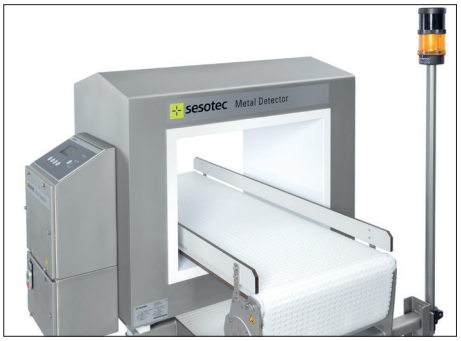
Options:

- DUAL-frequency technology for best detection of a wide variety of products with one system
- Lamp/horn signal combination
- Lockable castors
- Lateral guide rails at the conveyor belt

Model versions:



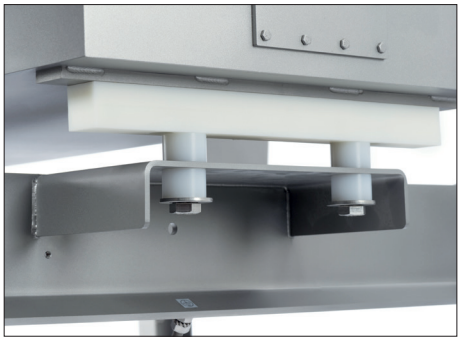
VARICON COMPACT-D – flat belt



VARICON COMPACT-W – linked belt with the option lateral guide rails at the conveyor belt



VARICON COMPACT-W with belt width 400 mm and options signal combination, castors and guide rails



Variable coil centering for optimal conveying of products through the metal detector



Large conveyor belt height adjustment range, here 650 mm (the picture shows a system with the options signal lamp, castors, and lateral guide rails)

If you need more detailed information ask for our technical data sheet or a discussion with our experienced Sesotec Sales team.