



# IQ3<sup>+</sup>E - Metal Detection Conveyor Stop on Detect

Designed for Food & Packaging Industries

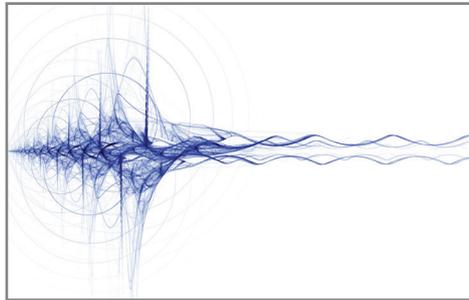
## Product Highlights

- The improved Auto-Learn rapidly delivers excellent detection sensitivities out of the box and provides more line uptime than ever before
- Variable-frequency detection (31 to 882 kHz)
- Full range of aperture sizes to suit products being inspected
- Multiple product memories for rapid product change over and data storage
- Multilevel password protection provides secure access



### Robust "Beyond" IP69K Rating

An improved lip, screen, and new blue sealing arrangement, combined with ultra-harsh mechanics, make the search head one of the toughest and most factory-friendly metal detectors on the market



### Variable Frequency Provides the Best Detection Levels

The IQ3<sup>+</sup>E is built using Loma's revolutionary Variable Frequency technology that allows detection levels to be optimised around a wide range of differing product conditions, including whether they are wet or dry.

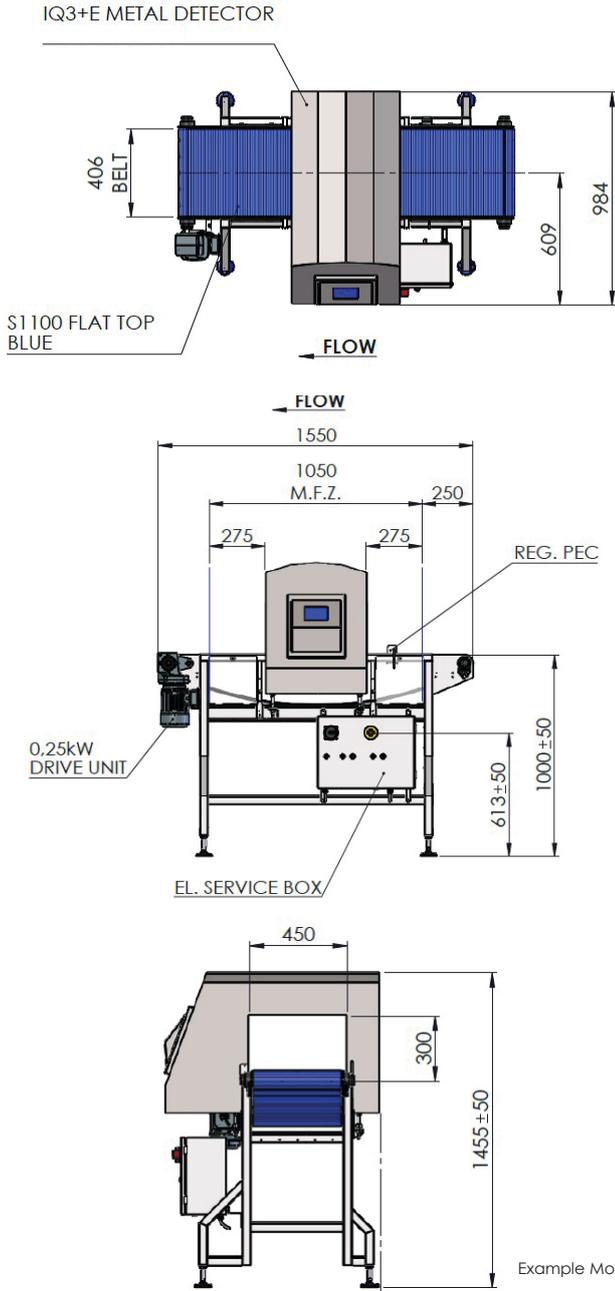


### Designed for "Stop on Detect" applications

Stop on Detect (SOD) conveyor systems designed for applications where reject bins are not required.



# Technical Specification



Material of Construction	304 Brushed stainless steel
True Variable Frequency	31 to 882 kHz
Supply Voltages	100 ~ 240 VAC; 50 / 60 Hz; 1 Phase, Neutral and Earth
Power Consumption	~700 VA
Temperature Range	-10 to +40 °C (14 to 104 °F)
Humidity	0 to 95 % Relative Humidity (Non-condensing)
IP Rating	IP66 (Head IP69K)
PVS Enabled	Yes
Ethernet Capability	Yes
USB Capability	Yes
Compliance Levels	SOD

Example Model pictured: IQ3+E SOD, sizes shown in mm

## Reject Options

The IQ3<sup>±E</sup> Metal Detector Conveyor can be configured to suit a variety of different product applications. This model is designed for Stop on the Belt applications.



An ITW Company

[www.loma.com](http://www.loma.com)

Tel: +44 1252 893300 (UK) | +1-800-872-LOMA (North America)

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