Adaptable and tough variable frequency metal detection systems for the food, and packaging industries

- **Adaptable** True variable frequency detection adapts to new product and packaging in seconds

- **Easy to use** Icon driven, multi-lingual full colour graphical touch screen

- **Stable** Unique case and coil geometry delivers unsurpassed levels of immunity

- **Flexible** Multiple product memories for rapid product change over and data storage

- **Tough** IP69K search head environmental protection

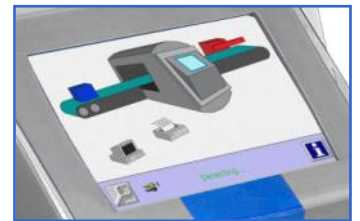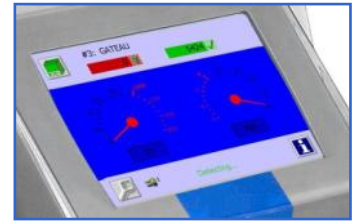Metal Detection   X-ray Inspection   Checkweighers   Data Capture
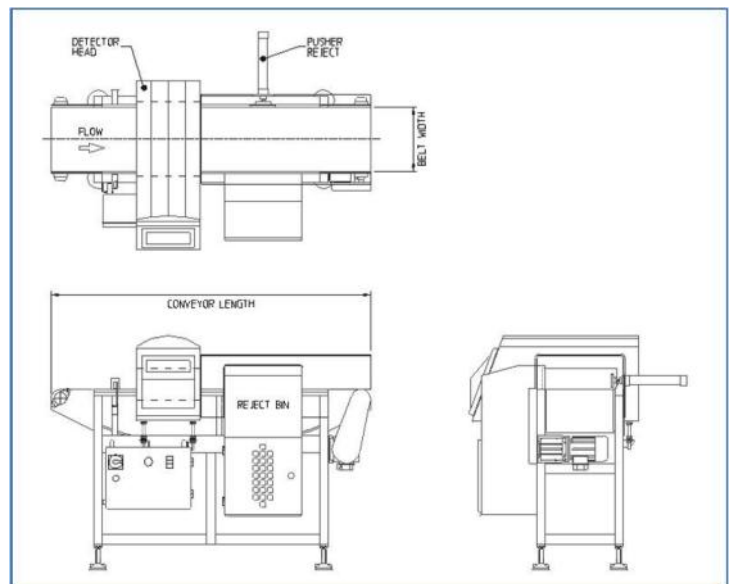
Designed to Survive

Metal Detector Conveyors

Finish:	304 stainless steel with brushed finish	

Standard Line Height:
Feet: 750mm to 1000mm (50mm increments)
Wheels: 850mm to 1100mm (50mm increments)

System Lengths:

1100 - 3000mm	1400 - 3000mm	1700 - 3000mm
≤100mm Aperture	≤250mm Aperture	≤350mm Aperture

Standard Belt Widths: 300mm   400mm   500mm   600mm

Maximum Weights: Flat PU Belt 25kg on the belt, Modular Belt 25kg on the belt

Typical Belt Speed: Up to 90 m/min

Supply Voltages: 220/230V 1ph N+E, 380/415V 3ph N+E

Air Supply: 5 to 8 bar

Reject Types:

Stop on detect	<60kg
Air blast	<1kg
Pusher	<10kg
Carriage retract band	<5kg

Environmental Protection: Search Head IP 69K

Belt Type: Flat (food quality) belt or Modular Belt

Covers: Stainless Steel

Options:

Beacon stanchion	Reject confirm
Bin full	LomaEnet
Serial link	PVS (Performance Validation System) Beacon,
Makrolon covers	

Technical Specification

Unique clam-shell design case and coil geometry

Bifurcated and totally uniform product screen

Upgradeable metal detector controls

True variable frequency, standard operating range from 31 to 882KHz

Performance Validation System (PVS) to aid HACCP compliance

Various communication options to suit plant integration protocols

32-bit digital signal processing for enhanced contaminant detection

Standard apertures on rapid delivery

Extensive on board reporting facilities meaning HACCP and retailer compliant, Ethernet and OPC compatible

Data and product backed up and stored via USB