



IQ³ Catalog Conveyors

www.loma.com

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



- **Adaptable** True variable frequency detection adapts to new product and packaging in seconds
- **Easy to use** Automatic product learn ensures maximum sensitivity without adjustment
- **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 (NEMA PW12) search head environmental protection

Metal Detection

X-ray Inspection

Checkweighers

Data Capture

Designed to Survive



Catalog Conveyors

Finish:	304 stainless steel with bead blast finish				
Standard Line Height:	30" to 50" (2" increments)				
System Lengths:	48" to 144" (12" increments)				
Belt Widths:	12" 16" 20"				
Search Head Type:	IQ ³ Blue (IP69K/NEMA PW12)				
Speed Range:	12 - 200 ft/min				
Supply Voltages:	110 - 220V/1ph/60Hz				
Air Supply:	80 psi clean dry air				
Reject Types:	Stop on detect Twin air blast Pivot drop flap	Overhead pusher Plough	Air blast Pusher	Heavy duty air blast Slide retract	
Environmental Protection:	NEMA PW12 (Search Head)				
Belt Type:	Intralox				
Options:	LomaEnet PVS stack light	Strobe light Casters	Product guides Reject bin	Reject confirm Rotating beacon	Alarm Bin full

Technical Specification

- Unique clam-shell design case and coil geometry
- Bifurcated and totally uniform product screen
- Upgradeable metal detector controls
- True multi-frequency, standard operating range from 40 to 900KHz
- 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

Height (ins)				
4	6	8	10	12
Width (ins)				
14	18	22		

USA — Loma Systems, 283 East Lies Road, Carol Stream, IL 60188
Canada — Loma Canada, 333 Wycroft Road, Unit 11, Oakville, Ontario, L6K 2H2

Tel: 1-800-USA-LOMA
Tel: (905) 842 4581

Fax: (630) 588-0900
Fax: (905) 842 3460

Email: sales@loma.com
Email: lomacanada@loma.com