

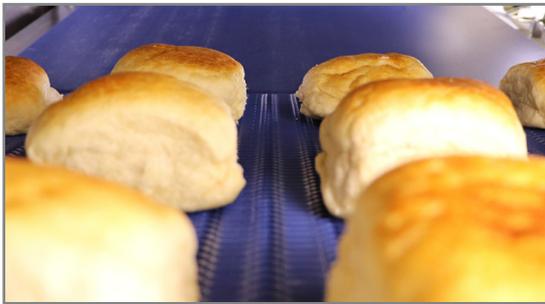


X5 Pack Curtainless X-ray System

Designed for Food & Packaging Industries

Product Highlights

- The X5 Pack Curtainless is designed to inspect small lightweight packaged or unsealed food products, where traditional curtained X-ray systems are unsuitable
- Curtainless design allowing products to be untouched during inspection, reducing false rejects caused by product jams or problems with flow
- Inclined / decline (up/down) conveyor design with safety features designed to limit X-ray emissions below regulations
- Perfect detection of all metals, glass, ceramic, bone, and dense plastics, even in foil trays or metalized film
- 600 mm wide belt for mass flow or multi-lane operation to increase product throughput
- Quick set-up and belt removal



Curtainless X-ray for "Zero-Contact" Inspection

Curtainless design allows products to be untouched during inspection reducing false rejects and maintaining correct product flow.



Incline / Decline Conveyor Design Maintains X-ray Safety

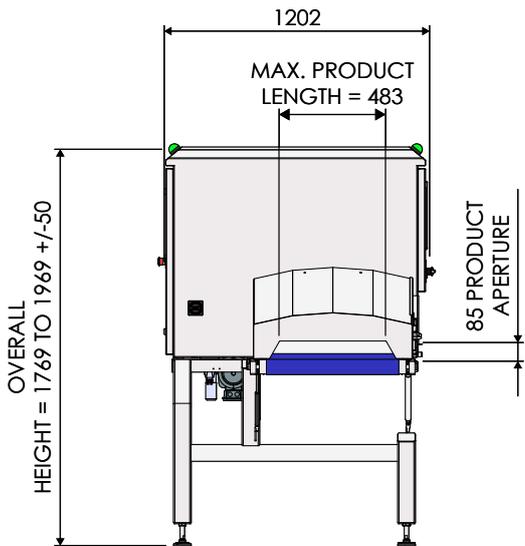
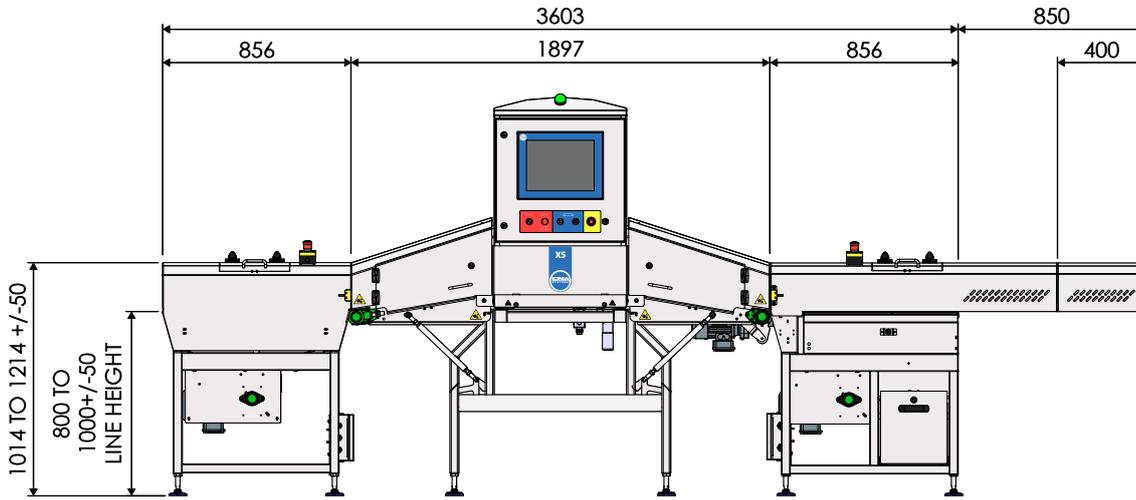
Protective shields and safety features help limit X-ray emissions below regulations



"Best in Class" Total Cost of Ownership

Optimised system design and set-up, combined with low maintenance results in a low total cost of ownership, characteristic of Loma X-ray solutions.

Technical Specification



Product Inspection Window Sizes



Finish	304 Brushed Stainless Steel
System Length	1897 mm
Line Height Option	800 - 1000 mm (+/- 50 mm)
X-Ray Output	210 W (60 kV 3.5 mA) (MKIII)
IP Rating	IP66
Belt Width	600 mm
Belt Type	Anti-Static PU Blue Belt
Max Product Weight	50 kg
Speed Range	5-40 m/min
Power Requirements	220 V AC, 50 Hz or 110 V AC 60 Hz, Single Phase Mains
Cooling	Vortex or AC Air Conditioning
Operating Environment (Vortex Standard)	2 - 10°C (with warm up) 10 to 25°C (Vortex)
Operating Environment AC Air Conditioning (Option)	25°C to 35°C AC Air Conditioning (Cabinet reduced to NEMA 4X with AC Option)
X-Ray Safety	Leakage less than 1 µSv/h at entry / exit points
Detection Algorithms	15 Multilayers Algorithms combined in any combinations
Reporting	Event, Batch, Shift, PVS
Data Retrieval	Via USB, Ethernet, Enet

Included Automatic Reject Options

The X5 Pack Curtainless is supplied as standard with one of the following options:

- Carriage retract band reject conveyor module
- Signal only - for external reject control



www.loma.com

Tel: +44(0)1252 893300 (UK) | +1-800-872-LOMA (North America)

Metal Detection | Checkweighing | X-Ray Inspection

Loma Systems is a registered trademark of Illinois Tool Works Inc. (ITW). Other names, logos, icons and marks identifying our products and services referenced herein are trademarks of ITW and may not be used without the prior written permission of ITW. Other product and company names listed are trademarks or trade names of their respective companies. Copyright © 2024 Illinois Tool Works Inc. All rights reserved. All of the specifications shown in this document are subject to change without notice.

In association with



X5PACKCURTAINLESS_893202405