X5C/CW3 X-ray Combination System
Designed for Food & Packaging Industries

The X5C/CW3 X-ray Combination system is designed for detecting contaminants and reducing giveaway in food products. This system is perfect for inspecting retail-packed convenience food, ready meals in foil trays and small end-of-line packaged goods up to 280mm wide by 110mm high.

Product Highlights

- Detects metals, bone, glass and dense plastic contaminants with automatic rejection of contaminated products
- Weighing using a CW3 dynamic checkweigher, including approvals to OIML R51 and MID (EC TAC)
- Combination system eases acquisition, installation and support of a robust CCP designed to improve quality of production output simplifying the process
- Linked multilingual color touchscreens complete with icon-driven menus for straight forward operation and integrated machine communication for safe product transfer
- Extensive data logging and reporting via USB or Ethernet for HACCP and retail compliance
- Multilevel password protection provides secure access and are logged against events for traceability (21CFR part 11)

X-Ray Inspection   Checkweigher   Weight & Contaminant Reject Stations
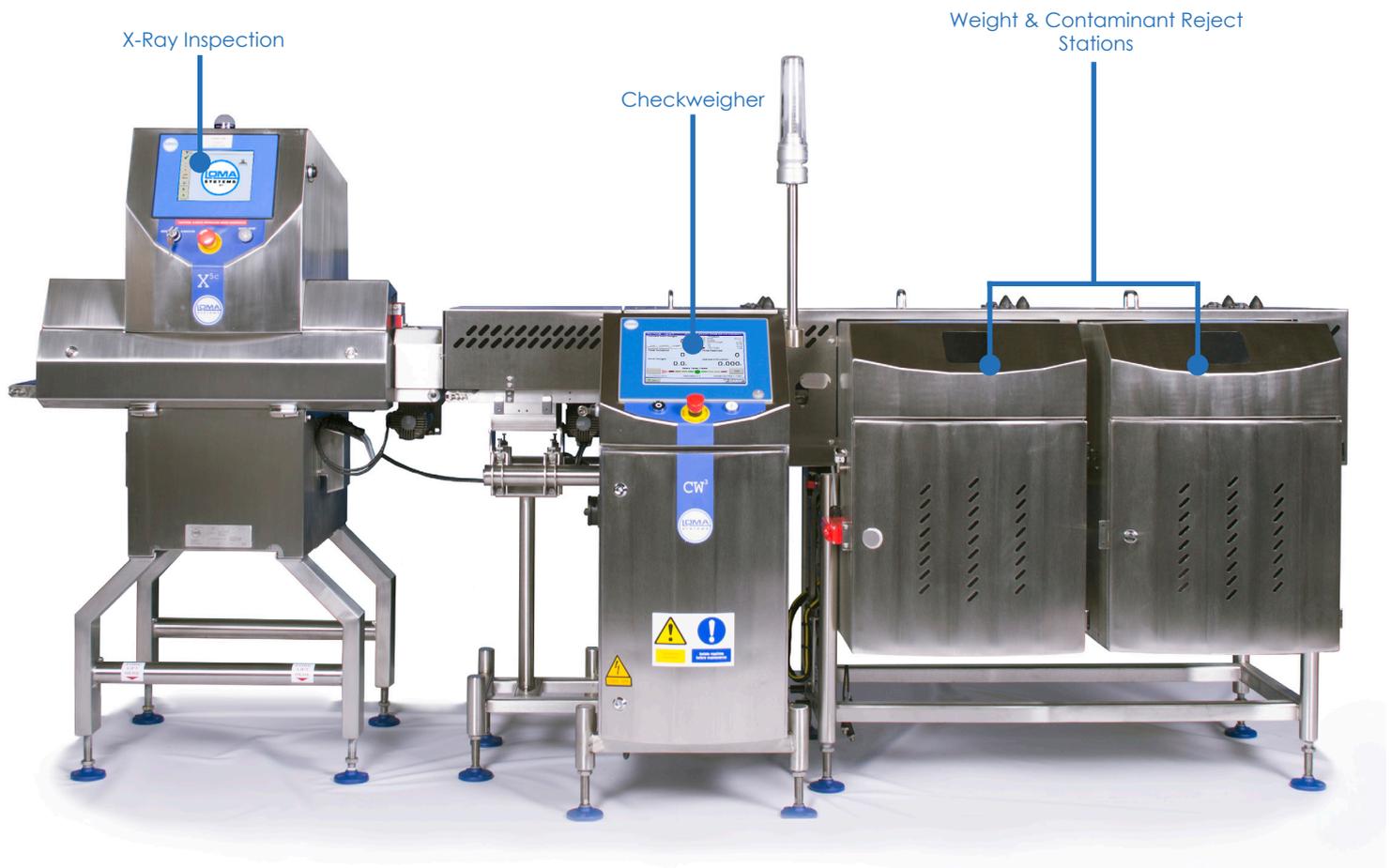
Technical Specification
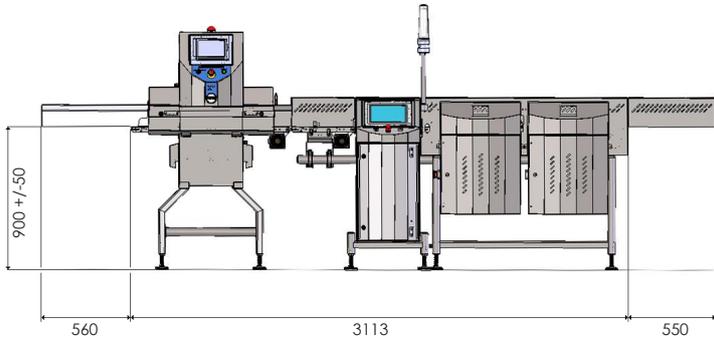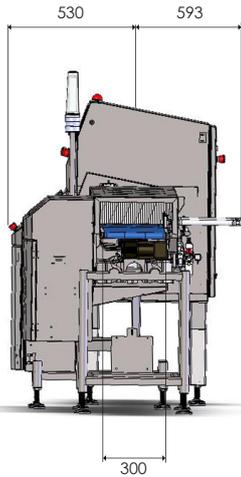
All measurements in mm

Finish	304 stainless steel
Line Length (mm)	3113
Line Height Option (mm)	750 | 800 | 850 | 900 | 950 | 1000 ± 50
Product Height (recommended maximum)	110 mm
Product Width (recommended maximum)	280 mm
Product Length (recommended maximum)	280 mm
X-Ray Output	80W (40 kV 2 mA)
IP Rating	IP66
Belt Type	PU Anti-Static
Speed Range (m/min)	10 - 50
Power Requirements	2 x 220-230 V, 50Hz or 110-120 V, 60Hz, Single Phase Mains
Air Supply	5 to 8 Bar (10mm Outside Dia) 72-116 PSI
Cooling	Vortex
Operating Environment	2 to 10 °C with cabinet warm up 10 to 35 °C with Vortex
X-Ray Safety	Leakage less than 1 µSv/h
Detection Algorithms	2 x contaminant 3 x object checking 2 x image optimisation
Reporting	Event, Batch and Shift
Data Retrieval	via USB
Weight Range (g) MID/R51 Approved	50 - 1500*
Weight Range (g) Non - Approved	10 - 1500*
Typical Accuracy (g)	0.18*

*Higher weight capacity available dependent on pack weight.

Automatic Reject Options

This combination system is supplied as standard with two automatic reject stations with the following options:

- Pusher
- Air-blast, single nozzle
- Air-blast, dual nozzle