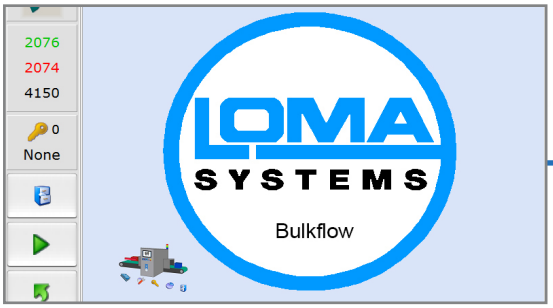
X5 Bulkflow: X-ray Inspection System

Designed for Food & Packaging Industries

X-Ray Detection

Product Highlights

- X-ray system designed for inspection of loose, unpackaged free-flowing product such as nuts, dried fruit, lentils, pulses, poultry and meat.
- Unique geometry provides excellent detection of all metals, bone, glass and dense plastics
- 0.4 mm diode array with Adaptive Array Technology (AAT)
- Reject options include Single Flap, Dual Flap, Multi-Flap (4) or Carriage Retract Band
- Built for 24/7 operation with pass key Protective Set-up for added security and control
- Windows 10 PC with Ethernet and USB Port



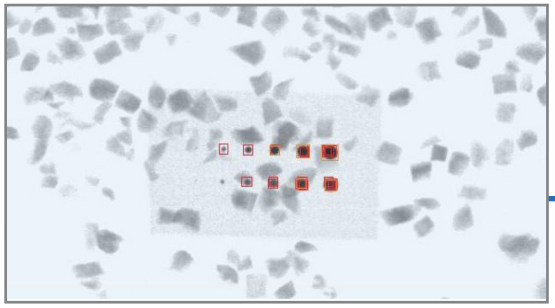
Easy to Use Intuitive Full Color Touchscreen

The X5 Bulkflow includes an Icon driven full colour touchscreen control interface which eases set-up of the system to suit a particular product



Reject options designed to minimize product wastage on rejection

The reject station can be specified as a single-flap, dual-flap, multi-flap or as a carriage retract band, depending on the production application.



Excellent detection of all metals, stone, ceramic, glass and bone

The unique detection geometry and the 0.4 mm detector array with AAT provide an unrivalled detection performance in loose flowing product

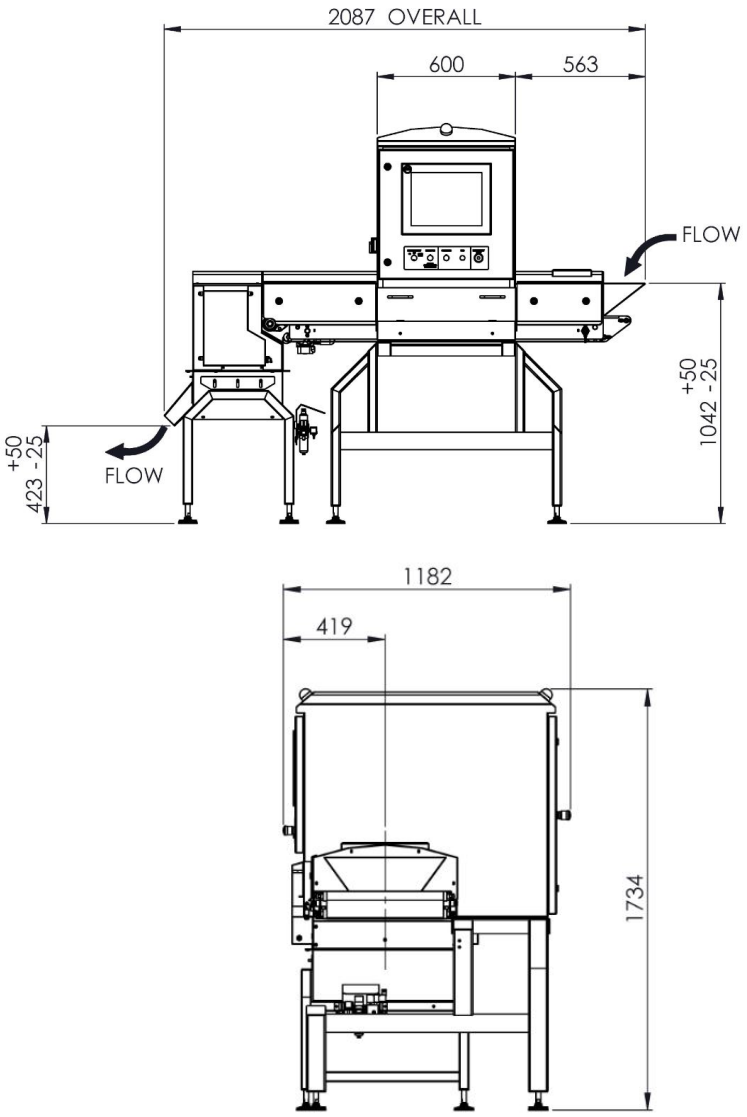




Environment Ready, IP66 Independently Rated

Fully IP66 rated and designed for low pressure wash-down, the X5 Bulkflow is hygienic and with a quick release belt, is easy to clean

Technical Specification



Typical system dimensions shown (in mm). Dimensions are dependent on systemconfiguration.

Finish	304 Stainless Steel (Brushed)
System Length	2087 mm
Nominal Belt Line Height Options	750 | 800 | 850 | 900 | 950 | 1000 +50/-25 mm adjustment
Belt Width	300 mm | 500 mm
Product Height (maximum)	up to 60 mm
Belt Speed (maximum)	30 - 80 m/min (dependent upon belt width and detector pitch)
X-Ray Output	200W (40kV 5 mA)
IP Rating	IP66
Power Requirements	230V AC, 50Hz or 110v AC 60Hz, Single Phase Mains
Cooling	Vortex Cooler (requires compressed air connection)
Operating Environment	10 to 35 °C (50 - 95 °F)
	2 to 10 °C (32 - 50 °F) with automatic cabinet warm-up enabled
X-Ray Safety	Leakage less than 1 µSv/h
Algorithms (Mass Flow Mode)	2 x Image Processing 5 x Contaminant Detection 3 x Product Integrity
Reporting	Event, Batch, Shift, PVS
Data Retrieval	Via USB, Ethernet

Automatic Reject Options

The X5 Bulkflow comes complete with one of the following reject options:

- Single-Flap
- Dual-Flap
- Multi-Flap (4 flaps)
- Carriage Retract Band

Please consult LOMA for a better understanding of which reject is suitable for which application.



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