



Metal Detection Systems

X-ray Systems

Checkweighing Systems

MIS

# Metal Detection X-ray

**Loma Systems** manufactures a versatile range of catalogue or customised solutions to suit your production requirements.

# MIS Checkweighing

**Loma** equipment is extremely reliable with over 30 years of industry experience in designing inspection equipment to operate in the most arduous environments. Our world class manufacturing operations deliver consistent performance at an extremely competitive price with minimal lifetime costs.

## Loma Metal Detection Systems – unparalleled sensitivity

### IQ<sup>2</sup> Blue Head – For IP55 (NEMA 12) applications

- Packaged or bulk flow products
- Tailored aperture sizes to maximise performance
- Intuitive menu for easy set-up

### IQ<sup>2</sup> The Max (Harsh) Head – For IP67 (NEMA 4X) applications

- Specially designed aperture liner for the most arduous environments
- Packaged or bulk flow products
- Tailored aperture sizes to maximise performance
- Intuitive menu for easy set-up

### IQ<sup>2</sup> Conveyor – For the complete metal detector range

- All weld hygienic design maintains detector performance
- Wide product range up to 60kg (1,320lbs)
- Modular or PU food quality belting
- Range of automatic reject devices

### IQ<sup>2</sup> PipeLine – For pumped product, meats, slurries and sauces

- Range of pipe sizes 50mm – 100mm (2"-4")
- Perfect addition to meat pumps such as Handtmann, Vemag, Risco etc.
- Complete with industry standard fittings
- Range of automatic reject valves to suit each application
- Automatic linker and hinge versions

### IQ<sup>2</sup> FreeFall – For free flowing powder, cereals, nuts etc.

- Compact integrated detector and reject device
- Range of pipe sizes 100mm – 200mm (4"-8")
- Quick release reject for rapid clean-down

### IQ Pharmaceutical – For free flowing tablets and capsules

- Compact for location after tablets press or de-duster
- 20mm or 38mm (0.79" or 1.5") aperture height
- Reject and chute dismantles easily for cleaning
- Failsafe reject



## Loma Checkweighers – speed with accuracy

### AS 1500 – For light rigid and flexible products

- Weighing up to 1500g (3.3lb)
- R51 approved X(0.5) e=0.5g
- Up to 85m/min (280ft/min)
- Tailored platform lengths to maximise performance
- Range of automatic reject devices

### AS 5000 – For light and heavy rigid and flexible products

- Weighing up to 5000g (11lb);  
6000g (13.2lb) unapproved
- R51 approved X(1) e=1g
- Up to 80m/min (260ft/min)
- Tailored platform lengths to maximise performance
- Range of automatic reject devices

### AS 1200 – For entry level weighing of light rigid and flexible products

- Weighing up to 1200g (2.6lb)
- Ex stock delivery
- Range of automatic reject devices

### ASDL – For light and heavy rigid products

- Weighing up to 6000g (13.2lb)
- R51 approved X(1) e=1g
- Up to 100m/min (300ft/min)
- Heavy Duty AC motors
- Range of automatic reject devices

### AS Super Ruggedised – For light and heavy rigid and flexible products in harsh environments

- IP67 (NEMA 4X) applications
- Heavy Duty (re-greasable) bearings, shafts and AC motors
- Quick release conveyors for rapid clean-down
- Range of automatic reject devices

### AS Combo – Integrated Metal Detector and Checkweigher

- Available on the AS1500/5000/ASDL & AS Super Ruggedised Systems
- Compact
- Better value than a separate checkweigher and metal detector
- Range of automatic reject devices

### ASHW – For very heavy rigid and flexible products

- Weighing up to 60kg (132lb)
- Heavy Duty AC motor





## Loma X-ray Systems – the ultimate inspection technology

### X<sup>3</sup> 300/500 – For Packaged Inspection

- 300mm or 500mm (12" or 20") belt widths
- Up to 500ppm
- Detection of glass, stone, bone, high density plastic and rubber
- Detection of underweight, missing and deformed product
- IP55 or 66 (NEMA 12 or 4X)

### X<sup>3</sup> 300/500 Bulk Flow – For Bulk Flow Inspection

- 300mm or 500mm (12" or 20") belt widths
- Throughputs in excess of 10 t/hr
- Detection of glass, stone, bone, high density plastic and rubber
- Multi channel rejects that minimise product waste
- IP55 or 66 (NEMA 12 or 4X)

### X<sup>3</sup> Rapid – For Compact Inspection

- 200mm (8") belt width
- 850mm (33") compact version for limited space availability
- Detection of glass, stone, bone, high density plastic and rubber
- Detection of underweight, missing and deformed product
- IP55 or 66 (NEMA 12 or 4X)
- Rates in excess of 500ppm

### X<sup>e</sup> – For Entry Level Packaged Inspection

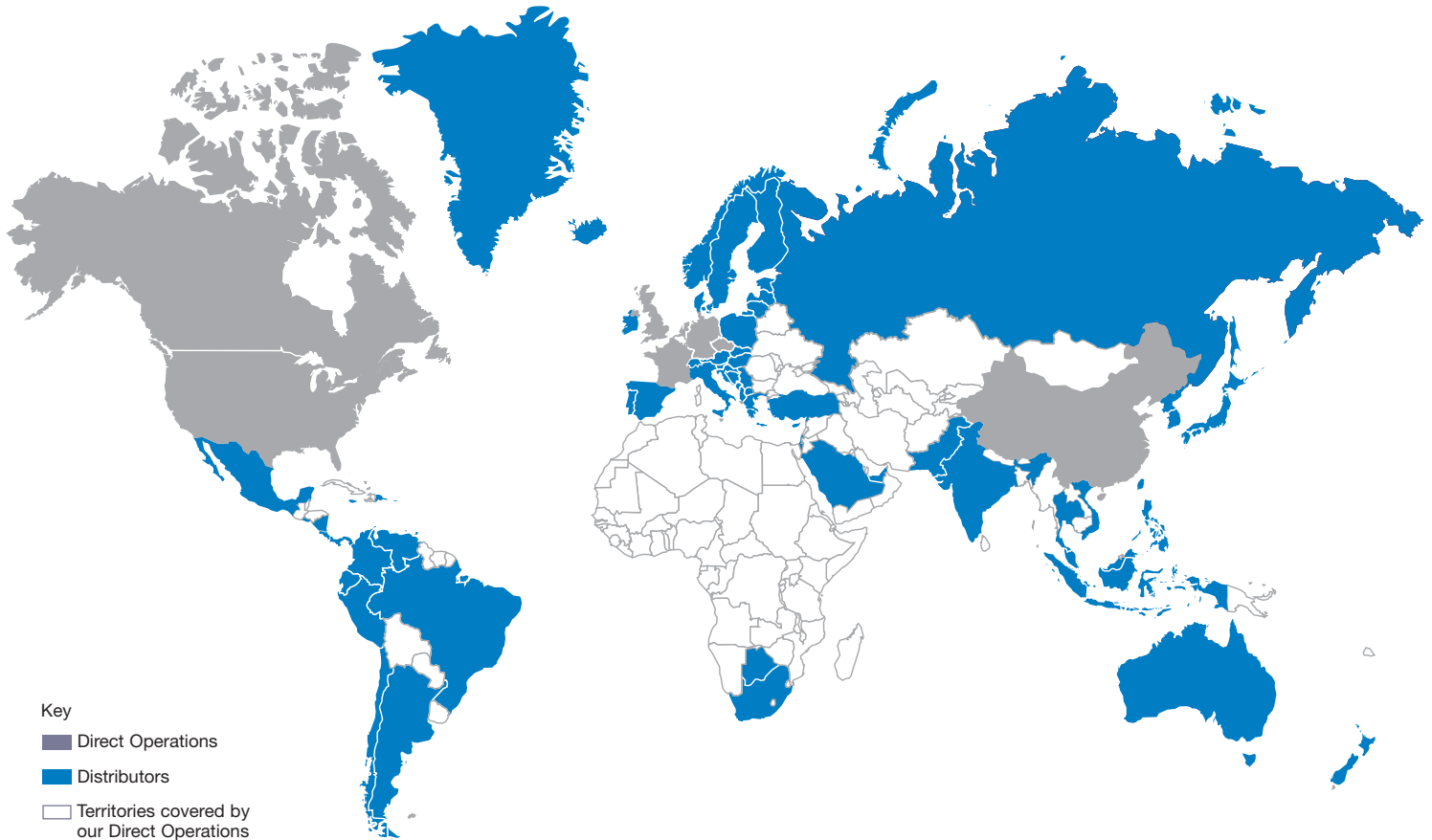
- 300mm (12") belt width
- Up to 500ppm
- Detection of glass, stone, bone, high density plastic and rubber
- Detection of underweight, missing and deformed product
- IP66 (NEMA 4X)



For a detailed look at the features and benefits of all Loma products, please visit [www.loma.com](http://www.loma.com)

You'll also be able to download or request datasheets, find out about our customer services and take a close look at the many ways Loma products help our customers.

## The global presence of Loma



All Loma systems are manufactured to the exacting standards of ISO 9001 and supported by a world-wide network of sales and service operations.

Loma reserves the right to improve or change specifications without prior notice.

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