

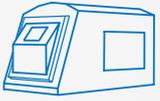


Designed to Survive®



CHECK & DETECT SYSTEMS FOR
THE FOOD, PHARMACEUTICAL
& PACKAGING INDUSTRIES

LOMA SYSTEMS® designs, manufactures and services inspection equipment used to identify contaminants and product defects in the food, pharmaceutical and packaging industries. Established in the UK in the 1960's, LOMA SYSTEMS is today one of the leading global companies involved in production line safety systems, boasting an impressive installed base of over 130,000 machines in over 100 countries.



Metal Detection Systems

Metal Detection Systems - used for the detection of metal contaminants within the Food, Pharmaceutical and Packaging industries

Metal Detectors are a commonly used detection method for metal contaminants within factories. LOMA® equipment is created with the ethos **Designed to Survive®** making them one of the most robust and reliable machines on the market.

LOMA's IQ4 Metal Detectors include many features designed to aid uptime and productivity, including revolutionary variable frequency technology allowing detection levels to be optimised around a wide range of differing product conditions, and an intuitive touchscreen with icon driven menus allowing fast set-up. They also feature ingress ratings of up to IP69K, meaning they are suitable for both high-care and low-care environments.



IQ4 Metal Detection Conveyor with Full Retail Compliance

High Compliance Specification to Supermarket Codes of Practice



IQ4 Metal Detector Search Head is a common choice for a Critical Control Point.



IQ4 Pipeline Metal Detector designed to be used with all major pumps with bulk, clip and filling machines



IQ4 Vertical Fall comes complete with a reject system and is designed to be used with gravity fed products



IQ4 Waferthin metal detector is typically installed between a multi-head weigher and vertical form fill and seal bag maker



LOCK-PH Pharmaceutical is fully GMP compliant and includes I/Q, O/Q, P/Q validation documentation

X-ray Inspection Systems



LOMA's X5 X-ray systems come complete with full colour touchscreen and multi-level password access storing data logged events for traceability

X-ray inspection is a fast growing inspection method used within factories. In addition to inspecting for metal contaminants, X-Ray systems provide detection of bone, glass and dense plastics, as well as having the ability to detect all metal contaminants within foil trays or metallised packaging.

Compact X-ray System



X5C X-ray Inspection System



X5 SpaceSaver X-ray Inspection System



X5C X-ray system complete with a reject station with full retail compliance



X5 PACK X-ray system, complete with a reject station is designed to be used with packaged product up to 25kg in weight



X5 XL X-ray system is designed to be used with large products such as meat in euro crates



X5 X-ray Pipeline is designed to be used with free flowing product such as meat slurries or soups and is great at detecting bone fragments



X5 BulkFlow X-ray system is designed to be used with loose products such as potatoes and peanuts



Checkweighing Systems

LOMA's CW3 Checkweighing Systems provide in-line dynamic checkweighing capabilities in a compact package. They are designed to help reduce product give-away and save you money.

The unique, low centre of gravity, control box of the LOMA CW3 range minimizes vibration and enhances accuracy. The graphical colour touch screen provides a clear display and features a simple menu structure designed to make them easy to use. The CW3 range of Checkweighers are all MID/R51 approved. Whether you require a simple in-line "policeman checkweigher" or a fully-featured system with enhanced statistical analysis, we have a system to suit your requirements.

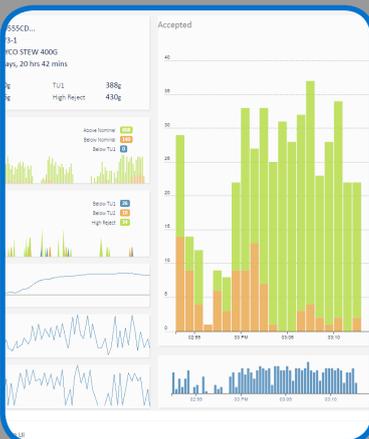


CW3 Mid-range System



CW3 Super Heavy-weight System

TRACS Data Management Software



Developed in partnership with AutoCoding Systems, LOMA TRACS is a software application that provides centralised real-time data management capability. It requires a system to be connected via Ethernet to a central server and provides reporting of a range of current and historic batch information, including across multiple machines.

This the ability to understand real-time machine status to ensure maximum uptime, and includes tracking all rejected products, trending of average weight and giveaway.

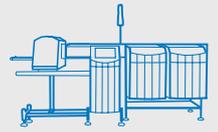


The CW3S is a compact checkweighing system, designed to be used as the first steps into checkweighing



CW3 Draglink designed to be used with tins or bottles and is capable of speeds of up to 115m/min

Combination Systems



Combination systems provide both detection and checkweighing to create a comprehensive Critical Control Point

LOMA's integrated Combination Systems are designed to offer either metal detection or X-Ray inspection capabilities along with dynamic checkweighing. LOMA's IQ4 / CW3 combination system has the added benefit of controlling the entire system from a single touch screen display.



X5C Compact X-ray and CW3 Checkweigher Combination System



IQ4 Metal Detection and CW3 Checkweighing Combination system



X5 SpaceSaver X-ray and CW3 Checkweighing Combination System



Support and Services

Maximising Uptime

In the event of a line problem, LOMA's fully trained field-based service teams carry most common and original spare parts to aid quick response times and high fix rates to minimise any downtime. In-house technical support can remotely diagnose issues and in many cases will resolve the situation without the need for an engineer to visit site.



Spare Parts



Spare parts are critical for keeping a line running and Loma stocks many official parts for quick delivery, including providing some key components on the same day.

Service Programmes



Get extra peace of mind with our contracted service programmes with ranging benefits to maximise uptime, including access to priority support and response.

Customer Training



The LOMA Training Academy is designed with everyday needs in mind and goes a long way towards improving inspection performance and increasing productivity

Hire/Rentals



LOMA Inspection Equipment can be provided on short-term and long-term hire/rental agreements to help overcoming peak demands

Upgrades



Update and upgrade older generation systems to extend their life to overcome component obsolescence issues or meet latest code of practice requirements.

“Excellent response and knowledgeable support staff. The LOMA Service Engineer was really helpful and our issue was resolved, with a helpful email to follow up. ”

Production Manager - Bakery Industry



Convenience Food



Confectionery & Snacks



Dairy & Egg Products



Pharmaceutical



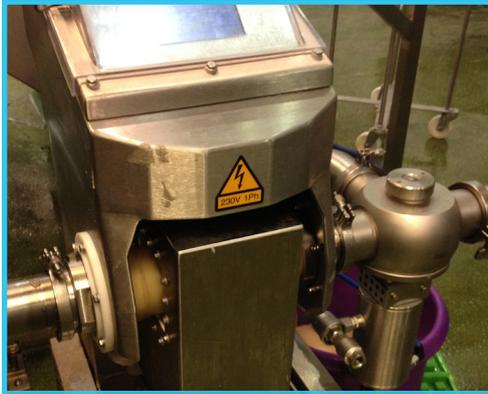
Dried Foods & Grains



Bakery



Packaging



Soups & Sauces



Fish



Fruit, Vegetables & Nuts



Meat & Poultry



Prepared Foods

Worldwide Locations

Headquartered in the UK, LOMA SYSTEMS operates from several locations in the Americas, Europe and Asia. Across these sites LOMA conducts ongoing research and development, specialised manufacturing, sales and service support. Through a worldwide network of OEM and distributor partners, LOMA supplies and supports inspection equipment in over 100 other countries.



Farnborough, UK



Manchester, UK



Helmond, Netherlands



Chicago, USA



Plzen, Czech Republic



Shanghai, China



Sao Paulo, Brazil



Nantes, France



Dinslaken, Germany



Warsaw, Poland

About LOMA SYSTEMS

Established in 1969 in the UK, LOMA SYSTEMS designs, manufactures and supports inspection equipment used to identify contaminants and product defects within the food, packaging and pharmaceutical industries, principally offering Metal Detectors, Checkweighers and X-Ray Inspection systems.

With the addition of the LOCK Inspection, Cintex and Brapenta brands and products, LOMA's reputation is based on consistent quality and advanced technology, the result of continuous and far-reaching research and development programmes. Short lead times, modular design and excellent availability of spare parts, coupled with our passion for customer service, allows our customers to:

- Comply with, and exceed, product safety standards, weight legislation and retailer codes of practice
- Maximise production up-time
- Be self-sufficient
- Lower lifetime costs

We are part of Illinois Tool Works (ITW), a global Fortune 250 diversified industrial manufacturer of value added consumables and speciality equipment with related service businesses. Operating under the core philosophies of 80/20 business processes, customer-back innovation and a decentralized entrepreneurial culture, ITW's seven industry-leading segments leverage the ITW business model to generate solid growth with best-in-class margins and returns in markets where highly innovative, customer-focused solutions are required. These divisions serve customers and markets around the globe, with significant presence in developed and emerging markets. ITW's revenues totalled US\$14.3 billion in 2017, with more than 50,000 employees worldwide.

Local contact



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Metal Detection | Checkweighing | X-Ray Inspection | Service



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In association with

