



NEWS RELEASE

Loma Systems Moves its X-Ray Range 4ward

Further demonstrating their dedication to producing the best inspection systems that the market has to offer, Loma Systems, leading suppliers of metal detection, checkweighing and X-ray inspection equipment are proud to launch their most up-to-the-minute X-ray systems from their already proven and successful X⁴ X-ray range, the Loma X⁴ SideShoot and Loma X⁴ FinePitch.

The Loma X⁴ X-ray SideShoot is a food industry system designed for accurate inspection of vertically oriented packages and products. The unit offers the very latest advances in X-ray technology, coupled with the highest levels of accuracy, reliability, safety and longevity.

The X⁴ SideShoot is ideal for products that are taller than they are wide. The unit has the capacity to inspect over 600ppm (90m/min) and can easily be integrated into high-speed lines.

Reacting to the demands and needs of producers and processors was a key consideration in the development of the Loma X⁴ X-ray SideShoot system, the unit has been built on proven technology and its dynamic analysis increases performance and eliminates false rejects.

The Loma X⁴ X-ray FinePitch has been developed for maximum sensitivity, whilst producing advanced image processing for customers who require the most accurate safety inspection solution.

The Loma X⁴ FinePitch delivers outstanding contaminant detection performance. The X-ray unit has been proven to be the most accurate systems available globally and is ideal for processors and manufacturers that require the most sensitive inspection for difficult applications, such as very small chicken bone splinters.

The unit boasts groundbreaking fine grain image processing, providing second to none inspection, due to the innovative diode arrays and other inherent design features, which amplifies the systems ability to find contaminants, that other inspection machines cannot detect.

All models within the Loma X⁴ X-ray range can identify improperly packaged product for: size, shape, length, fill level, component count and presence, which are all essential quality control elements for processors. The range also has the capacity to inspect for a wide variety of foreign body contaminants such as: glass, stone, calcified bone, high-density plastics and rubber.

The integrity of both systems meets the IP55 'harsh environment' washdown specifications and enhanced protection for high temperatures. Their design makes them easy to clean, having paid keen attention to minimising bug-traps, and the bead-blast surface of the machine is water-repellent to stop cleaning solutions settling. All units are constructed in stainless steel, right down to the bearings and rollers, so units can easily withstand real-world production line conditions.

All Loma X⁴ X-ray systems feature a revolutionary high speed USB sensor and Windows XP operating system, which has a simple Ethernet connection and a PC interface making it easy to produce reports. Additionally, reject systems will also provide separate signals for each type of non-conformity so that contaminated and improperly packaged products can be kept separate.

X-ray systems are becoming increasingly popular as the top choice of inspection system due to their ability to reliably and efficiently perform the multiple functions of separate 'traditional' inspection systems simultaneously. The Loma X⁴ X-ray range gives customers all of the assurances of a Loma-quality inspection system, with the added benefits of features that are the very latest technology on the market today.

Furthermore, X-ray inspection is the only solution for metal and contaminant detection in products packaged in aluminium trays, metallic films or other materials that render traditional metal detectors inoperable

The Loma X⁴ range of X-ray systems are robust, reliable, hygienic and simple to use, offering customers a sophisticated, easy-to-operate and multi-functional inspection system. As with all Loma's products, customers benefit from Loma's high level of before and after sales service, and receive a tailor made solution to their X-ray inspection requirements.

Simon Spencer, Managing Director of Loma Systems, comments, "Our new X⁴ range of X-ray systems offers comprehensive and versatile inspection, that has proven itself as a sound investment, both for brand protection and to meet the stringent demands of retailers. Our



new products are designed with high reliability in mind, to ensure that production quality is not compromised, whilst offering cutting edge inspection technology. These new developments prove that at Loma Systems, we are constantly developing our product portfolio, further establishing our position at the forefront of the safety inspection market”.

For more information regarding Loma Systems please call +44 (0) 1252 893300 or visit www.loma.com.

