



NEWS RELEASE

COME AND INSPECT THE LOMA SYSTEMS STAND AT INTERPACK

Loma Systems, the leading global suppliers of metal detection, checkweighing, and X-ray inspection systems, is inviting visitors to this year's Interpack show to take a closer look at its comprehensive range of end-of-line inspection solutions for the food processing and packaging industry at this year's show in Dusseldorf, Germany.

Loma will be launching their **new** innovative IQ³ Dry Metal Detector system which has been custom engineered for the ultimate metal detection performance on dry food goods, such as bakery products, rice and cereals.

The new IQ³ Dry is engineered in a lightweight aluminium head, as opposed to a heavier stainless steel structural body, which allows for a greater level of sensitivity, essential for metal detection ensuring the most exact performance. The system maintains Loma's high standard of tough, industrial machines, yet can be simply brushed down and needs no heavy duty cleaning.

The system has been specially designed to eliminate vibration, electrical interference, case distortion and thermal shock ultimately delivering unsurpassed levels of immunity. The system is incredibly versatile and can be fitted with a variety of different head sizes allowing for virtually all applications.

Loma will also be showcasing two other versions of its award winning IQ³ metal detector system, the IQ³⁺ Metal Detector conveyor and the IQ³⁺ PipeLine Metal Detector.

The IQ³⁺ Metal Detector conveyor is a leading performer due to its true variable frequency. Which means able to operate at any frequency between 40kHz and 900kHz, with the ability to select the 'correct' operating frequency in seconds.

The IQ³⁺ PipeLine Metal Detector is the ideal choice for pumped liquid and semi-liquid products including diced, ground and chopped meat. The IQ³⁺ PipeLine is easy to use with a clear and highly visible touch screen. It delivers the ultimate in noise free detection due to its high field strength. Compatible with Handtmann and Vemag fillers, it can also be supplied with most Hand Filler, Clipper or Linker applications.

The IQ³⁺ PipeLine complies with IP69K standards meaning the machine can withstand the harshest environment and cope with high-pressure washdown. The unit is constructed in bead blasted stainless steel and features a height adjustable stand assembly to allow easy and convenient cleaning. The unit has robust quick release fittings that enable it to be easily dismantled and cleaned. Additionally, HACCP and retailer compliance is made simple by the IQ³ Performance Validation System (PVS), which automatically prompts the operator to test the performance at pre-set intervals, according to HACCP principles.

Loma will also be showcasing the next generation CW³ Checkweigher and IQ³⁺ Metal Detector Combination machine. This compact and versatile CW³ combination machine can be engineered to suit individual application requirements and weighs a wide range of flexible and rigid packs up to 6kg.

Every unit is designed to survive even the harshest of manufacturing environments, illustrating Loma's reputation for long lasting durability. Reflecting this, the CW³ combined checkweigher and metal detector is constructed of stainless steel, right down to bearings and rollers. The high quality electronics guarantee optimum reliability and the flexible variable frequency detection adapts to new products and packages within seconds.

Many Loma customers have purchased the new CW³ combined checkweigher and metal detector as significant savings can be made when purchasing a single combined machine as opposed to separate checkweigher and metal detector units.

Despite the comprehensive functions of the CW³ combined checkweigher and metal detector it is simple to use as both machines can be operated from one single graphical colour touch screen control panel. Furthermore, the machine has a USB connection and a PC interface making it easy to produce diagnostic and statistical reports of performance with an option to download these either to memory stick or to a factory network.

Complementing the checkweighing and metal detection products on show, Loma will also be displaying its X⁴ SpaceSaver X-ray inspection system. This powerful X-ray system allows the detection of minute contaminants including bone, rubber or plastic. Even products packaged in metal foil can be scanned.

The Loma X⁴ SpaceSaver offers the very latest advances in X-ray technology, coupled with the highest levels of accuracy, reliability, safety and longevity. The Loma X⁴ SpaceSaver has all the key features of the larger, standard Loma X⁴ but with the addition of smaller rollers on the in-feed and out-feed, which improves the transfer of small products, particularly at high

speed. This simple design change delivers a small footprint, which is ideal for line integrators and food manufacturers, as floor space in the production hall is always at a premium.

Lastly, Loma will be showcasing its state of the art IQ+ FreeFall system which is a highly-accurate metal detection for all types of gravity-fed products. The IQ+ Freefall metal detector has set the benchmark for metal detection in bulk flow applications. It utilises the Loma's proven IQ² metal detection head but benefits from a new touch screen interface.

As with all products, Loma delivers world class support on all products. Customers benefit from Loma's high level after sales service and can receive a tailor made service solution to their inspection requirements.

Loma Systems look forward to welcoming you to the stand. For more information and a demonstration of these products, please visit Loma in **Hall 17, Stand C52**, or alternatively visit our website www.loma.com



Loma Systems IQ3+ Metal Detector Conveyor