



# NEWS RELEASE

## Loma Combines Metal Detection and Checkweighing Expertise at PPMA 2009

Loma Systems, the leading global suppliers of metal detection, checkweighing, and X-ray inspection systems, are proud to be exhibiting their latest range of inspection solutions for the food processing and packaging industry at this year's PPMA show, at the NEC, Birmingham.

Loma products have earned a reputation for consistent quality and reliability, the result of a continuous research and development program coupled with world-class manufacturing techniques. This will be clearly demonstrated with the next generation CW<sup>3</sup> checkweigher and IQ<sup>3</sup> metal detector combination machine that will be showcased at this year's show. The compact and versatile CW<sup>3</sup> combined checkweigher and metal detector 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 CW<sup>3</sup> 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 multi-frequency detection adapts to new products and packages within seconds.

Many Loma customers have expressed interest in the new CW<sup>3</sup> 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 CW<sup>3</sup> combined checkweigher and metal detector is simple to use and both machines can be operated from one single graphical colour touch screen control panel. The CW<sup>3</sup> combined checkweigher and metal detector 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.

Loma will also be showcasing two versions of its flagship IQ<sup>3+</sup> metal detector system, the IQ<sup>3+</sup> Metal Detector Conveyor and the IQ<sup>3+</sup> PipeLine. Loma's range of metal detectors leads the field in sensitivity, stability and reliability.

The IQ<sup>3+</sup> is a leading performer, leaving other manufacturer's metal detectors behind due to its increased immunity to vibration, electrical interference, case distortion and thermal shock. The IQ<sup>3+</sup> Metal Detector Conveyor is a true multi-frequency machine, able to operate at any frequency between 40kHz and 900kHz, with the ability to select the 'correct' operating frequency in seconds. This eliminates the past restrictions caused by single frequency and 'limited frequency' detectors making it unique in the current marketplace.

HACCP and retailer compliance is made simple by the IQ<sup>3</sup> Performance Validation System (PVS), which automatically prompts the operator to test the performance at pre-set intervals, according to HACCP principles. This takes the emphasis and responsibility off the operator so that they are not relied upon to verify the test. Test results cannot be falsified and are automatically recorded by the system thanks to this unique feature. Also, if metal is detected in a product, the contaminant log lists when the contamination was detected and indicates size. In addition, the IQ<sup>3+</sup> meets IP69K 'harsh environment' wash-down specifications.

The brand new IQ<sup>3+</sup> PipeLine is a pumped metal detection system, which means that it is the ideal choice for pumped liquid and semi-liquid products including diced, ground and chopped meat, dairy products, sauces, soups, jams and preserves.

Complementing the checkweighing and metal detection products on show, Loma will also be displaying its most up-to-the minute X-ray system, the X<sup>4</sup>. The Loma X<sup>4</sup> offers the very latest advances in X-ray technology, coupled with the highest levels of accuracy, reliability, safety and longevity that Loma is reputed for. It is able to detect non-metallic contaminants and monitor weight, size and shape of products to maintain strict safety and quality control.

The X<sup>4</sup> X-ray system is robust, hygienic and simple to use, offering customers a sophisticated, easy-to-operate and multi-functional inspection system. Compliant with European standards and with HACCP principles, the X<sup>4</sup> ensures that reliability and speed of production are not compromised, whilst offering cutting edge inspection technology.

As with all Loma's products, customers benefit from Loma's high level of after sales service, and can receive a tailor made service solution to their inspection requirements.

Loma System's looks forward to welcoming you to the stand. For more information and a demonstration of these products, please visit Loma on stand E81, or alternatively visit our website [www.loma.com](http://www.loma.com).

