



# NEWS RELEASE

## The Ultimate Range - Weighs In

The launch of the CW3 400 UL from Loma Systems, the leading supplier of Metal Detection, Checkweighing and X –ray inspection equipment, has completed their highly effective range of checkweighing solutions.

From their CW3 6000 MDL Draglink to their CW3 Combination Checkweigher and Metal Detector machine, Loma Systems have a checkweigher suited to any product offering improved accuracy, increased throughput, higher weighing ranges and a greater degree of water ingress protection to fulfil every application requirements.

The range is the finest available on the market, giving ultimate accuracy and catering for all packs, cans, bottles, pouches, bags, sacks, and blister packs making it ideal for both the food and pharmaceutical markets.

Loma's range of checkweighers are easy to set up and install, offer flexibility without compromising on precision and are capable of accuracy levels between 0.06g to 1.4g standard deviation, can weigh products between 5g to 60kg and can run up to 120m per minute.

The name of each machine in the range corresponds to the maximum weight of the products it handles. The CW3 400 UL weighs products up to 400g, (Ultra LightWeight products), similarly the CW3 60000 SH weighs product up to 60kg, (Super HeavyWeight products), making the decision process effortless for customers to identify the right machine for their application. Furthermore, customised specifications such as the range of reject systems including Air Blast, Pusher or Diverter systems can easily be integrated into any system.

The CW3 400 UL can weigh products with accuracy as precise as 0.06g standard deviation and has a maximum throughput of 440 items a minute, making it ideal for small products blister packs which require high throughput. The CW3 6000 MDL is a DragLink system, which is designed to support applications with high production packaging lines and is ideal for cans, bottles and tins. For processors that require a durable machine to cope with heavier food items such as bulk meat products or large sacks of ingredients, the CW3 60000 SH is the preferred option.

Loma's careful design has resulted in a modular, futureproof range of checkweighing systems that allows for production line changes and simple upgrades to existing checkweighers without the cost of replacement. This is a proven, invaluable cost effective solution for many food processors.

The unique low centre of gravity, forward-facing control box of the Loma CW3 checkweighing range minimises vibration and enhances accuracy. Furthermore, the range benefits from Loma's OPC Data Capture System for versatile, fully featured production reports. The single multi-lingual touch screen interface with its user-friendly menu makes product change fast and simple. This speeds up operator training, significantly reduces possible operator errors and increases productivity.

All Loma checkweighers are 'Designed to Survive', meeting IP65 environment specifications, making them ideal for the tough industrial locations they are exposed to. Built with heavy-duty conveyor components and high quality electronics, they offer the utmost levels of reliability and system performance. The CW3 will easily withstand real-world production line conditions and the intensive cleaning processes and fluids needed to maintain stringent hygiene standards. The CW3 range has undergone and passed the European R51 process and European Weights and Measures (MID), which is designed to ensure long-term accuracy and stability in adverse environments.

The checkweigher range is a cost effective solution for all food processors, the CW3 Combination Checkweigher and Metal Detector system provides reliable product inspection in a space saving design. It features the superior performance and accuracy of a CW3 Checkweigher with the high sensitivity of the award winning IQ3 Variable Frequency Metal Detector. This unique arrangement eliminates the expense of a separate conveyor for the metal detector. A clear benefit of a combined system is the low cost of ownership and the cost saving compared to a separate checkweigher and metal detector.

Loma have extended their value adding service offering remote diagnostic support, should a problem occur giving real time visibility allowing for immediate diagnosis. Additionally, Loma's dedicated team of service and maintenance engineers focus on supporting customer equipment and maintaining optimum efficiency on all production lines. Measuring two key elements, Response Time and First Time Fix Rate, Loma provide assurance that in any emergency; work will be carried out quickly and effectively, reducing down time and potential long term costs.



Simon Spencer, Managing Director for Loma Systems comments, 'The checkweigher range is the result of over 40 year's expertise in the food processing and packaging industry. All machines are designed and manufactured by our specialist in-house team. We have a range of checkweighing equipment fit for every application and will continue to develop innovative checkweighing systems to stay ahead of industry trends and our customer requirements.'

For more information about Loma please visit our website: [www.loma.com](http://www.loma.com).

