

Tomra changes naming scheme for new machines

A new way of naming its food sorting machines has been launched by TOMRA Sorting Food to bring clarity to the way its sorters can be identified and specified by customers.



The company's new sorting machines will be classified in platform series, numbered between 1 and 5, with the numbers being used for increasing application complexity. The 1 Series platform sorters will typically be used for less complex sorting applications, whereas the 5 Series platform sorters are suited for more complex sorting applications. TOMRA has based its classification on sorting performance and the markets the machines will address. The number is then followed by the machine's platform type, where A. stands for 'in-air', B. for 'belt' and C. for 'chute'.

The first of the new machines to be named this way is the TOMRA 5B. The second machine to be launched is the TOMRA 5A, which sorts whole unpeeled and peeled process potatoes.

Ashley Hunter, head of TOMRA Sorting Food and senior vice president, explains: "As our technology continues to evolve, simplifying the naming of our machines has the advantage of providing our customers with greater clarity around the classification of our systems and the benefits they deliver."

"As all of our next generation machines will be based on TOMRA ACT, a new common sorting platform with an easy-to-use graphical user interface, we are now able to provide greater customization than ever before to meet the ongoing needs of food growers, processors and packers around the world."

ISHIDA show new sector solutions range

Ishida Europe will be demonstrating Weighing solutions specifically developed for the special characteristics of fresh produce, and cost-effective entry-level tray sealing and X-ray machines at Fruit Logistica 2017. The Ishida CCW-RV-214-70-S-FPR-1 multihead weigher is part of the company's newly-launched Sector Solutions range, with models developed to ensure the optimum handling and accurate weighing of specific product types. This includes reduced discharge angles and drop distances to minimize bruising during product transfer.

The weigher delivers the RV's reputation for unsurpassed accuracy and efficiency, while its unique triple combination calculation software can calculate three optimal weight combinations, double check them and then select the one nearest to the target weight, all in a single cycle. This minimizes error discharges, increasing efficiency while also enhancing weighing accuracy and consistency.

Another weighing solution on show, particularly appropriate for sticky sliced fruit and marinated or oiled vegetables, is the Ishida CCW-M-106 FFW (Fresh Food Weigher). This 6-head multihead weigher features a linear design, with weigh hoppers fed by belts from an infeed table where an operator can be positioned to help direct and control the flow of product to ensure a regular and consistent supply to all hoppers for consistent weighing accuracy.

With stringent quality control a vital requirement for fresh food operations, Ishida's advanced X-ray systems provide greater versatility than traditional metal detectors with their ability to identify a wide range of foreign bodies in bulk or packed products, including stones, glass, metals and dense plastics, as well as being able to carry out a number of other quality checks, such as deformed products or packaging.

The Ishida QX-300 Flex is a semi-automatic tray sealer, ideal for growing businesses that want to introduce top-sealed trays or for research and development work. Offering the same high standards of performance, pack appearance and seal integrity as Ishida's inline tray sealer range, along with sealing tool options for outside cut, shrink film and MAP



(Modified Atmosphere Packs) applications, the QX-300 Flex has been designed for maximum flexibility to meet the demands of short run operations.

It features simple controls for fast set up and quick release to ensure speedy changeovers of films and sealing tools. In addition, its compact dimensions reduce floor space and the machine is also fitted with castors as standard for easy movement around the factory to where it is needed.

New generation PU Needle Belt ideal for optical sorting machines

During the Interpom|Primeurs, Wellwaj Belting introduced the new generation PU Needle Belt. HayoBinken says "We developed this one especially for the transport of vulnerable products. This is suitable for optical sorting machines in particular. The flexible needles ensure a soft landing, safe transport, and a good positioning. The products are directly at the right position after the fall and remain there during transport, reducing the risk of damage. The conical shape of the PU needles makes them stronger and more product friendly".

The blue needle belt is developed in accordance with FDA and EU requirements and available in almost every size. Since 1993, Wellwaj Belting has been producing plastic transport and processing belts for machine factories in various branches, including potatoes, vegetables, and fruit. The past few years, all activities have grown significantly. Because of this, the building has been expanded with 2,500 square metres. The company from Wormer is employing 70 people. "Creativity is the main thread for development of our transport belts. We develop all of them in direct management, but it is in consultation with the machine builders and end users," Hayo concludes. ♦

