

Many innovations in Paris

Packaging



Wrap-around multipacker RC12-150 by Paker

Reaching again respectable numbers of visitors and exhibitors, the 41th Salon International Emballage underlined its position within the top flight of European packaging fairs. Within the mix of branches, experts from the dairy industry could find a number of interesting innovations, too.

Packaging technology

The new automatic tray sealing machine O² 2500 of French manufacturer Mecapack features a fast tooling changeover within less than two minutes. It can be operated with different materials such as standard, shrink or aluminium films up to a width of 480 mm. The tray dimensions vary between 420 x 325 mm and 325 x 90 mm. The speed of the compact machine reaches ten cycles per minute. mecapack.com

An innovative wrap-around multipacker specially designed for attached cups was demonstrated by French Paker SA. It handles different products and various configurations with quick changeover in less than five minutes or automatically. Using flat cartons out of a 0.8 or 1.5 m magazine the device closes the packs on the top or on the bottom by applying hotmelt.

The RC-series consists of four models with maximum speeds between 50 and 400 packs per minute. All machines are made of stainless steel and driven by servomotors, requiring low maintenance. paker.com

BPA Racupack, Culemborg, showed the third generation of its case packer Catamaran. The CP III comes along with an entirely new modular construction, mainly made of stainless steel. The side loader has a maximum capacity of 30 boxes per minute and allows carton sizes between 120 x 100 x 100 mm and 400 x 400 x 300 mm (L x W x H). The entry height is 850 mm as well as the output height. The machine is designed to handle American folding boxes, trays and tray-lid combinations. Optionally a version according to IP65 is available. racupack.nl

Weighing systems

Ishida Europe presented "Lilliput" as world's smallest multihead weigher of its kind. With a footprint of just 650 by 650 mm and a maximum height of only 970 mm it will fit in any factory, saving valuable floor space. The 14-head weigher is equipped with 50cc-hoppers and can handle target weights from 0.5 to 50 g at speeds up to 120 weighings per



Case packer CP III Catamaran by BPA Racupack

minute and at an accuracy of 0.1 g. An automatic control systems optimizes the vibration of products infeed. Other remarkable features are the counting function, the coloured touch screen and the possibility of quick job changeovers by presets. ishidaeurope.com

Inspection systems

For the first time ever, Mettler-Toledo's business unit Product Inspection showed its Safeline metal detector Profile Advantage. Utilising pioneering multi-simultaneous frequency technology, the device helps food manufacturers to overcome the 'product effect', the false electrical signal emitted by foods with a high moisture or salt content. The metal detector offers 50 per cent greater detection sensitivity than standard systems – irrespective of packaging materials. It will find ideal applications within branches converting wet, warm or chilled food such as dairy industry. mt.com

Packagings and materials

As one of European market leaders in the field of multipack beverage films, Germany-headquartered RKW-Group, Frankenthal, showed high-performance shrink films meliorated by the Full HD flexoprint process of Belgian company Esko, Ghent. The technology delivers impressive results thanks to its unique dot size with fine highlight printing, smooth transitions to zero and an outstanding gravure-like color application. rkw-group.com

Article: Bernd Neumann; +photos: Kimberly Wittlieb



Safeline metal detector Profile Advantage



Small multihead weigher "Lilliput" by Ishida

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