

Price labels offer savings

A new model has been added to the GLP range of product labellers from Bizerba to offer potential savings to the food processing sector.

The GLP-I, as the successor to the manual price indicator GH, also offers other benefits. Housed in a plastic casing, the GLP-I can be used for weight-related, fixed weight and fixed value labelling in the manufacture of meat, sausage, poultry and cheese products as well as in the fruit and vegetable industry.

"The great advantage of the GLP-I lies in the significant reduction in set-up times," explains Dieter Conzelmann, director of industry solutions at Bizerba. "Because label rolls with a 300mm diameter can be used on the unit, the customer saves time and consequently, also saves cash."

Flexibility in use is also offered as the printer can be attached to a fully automatic printing line as a batch printer but can also be used as a manual weight and price indicator or networked to other Bizerba price indicators and checkweighers.

"In all print widths up to 104mm, the user will achieve speeds of up to 250mm per second," says Conzelmann. 01442 240751
www.bizerba.com

Stealthily rugged

Fortress Technology has introduced the Phantom Stealth extra rugged metal detector which has a Lexan control panel designed to withstand the harshest production environments.

The robust system's modular design means fewer product parts resulting in greater reliability.

Offering excellent return on investment, the Stealth metal detector has also been developed for future redesigns and new elements of the machine can be retrofitted to older models in the company's Phantom range, ensuring spare parts and upgrades for additional functionality are readily available.

For heightened stability and performance in wet or heavy duty product applications, the



The control panel can withstand harsh production environments

IP66 extra rugged casing has been used. The addition of an epoxy chute makes the Stealth metal detector water resistant.

Digital Signal Processing technology has been incorporated to provide precision and speed, and to detect and reject ferrous and non-ferrous metals, including stainless steel.

Other key features include UltraSense, which ensures that high sensitivity levels are maintained in order to detect the smallest metal contaminants, and the Auto Test, self-diagnostics tool, which helps to guarantee consistent high performance and to keep costs down.

01295 256266
www.fortresstechnology.co.uk

Entry level poly wrapping system

With the launch of its new 1000 Solo Buhrs claims that affordable poly wrapping is available to everyone, as the new system provides a cost effective and flexible means of adopting this process within many production set-ups.

With a top operating speed of 10,000 products an hour, the unit is an excellent machine for SMEs with post-press wrapping applications. Low maintenance

costs and a proven long system lifespan combine to deliver a high return on investment, says UK and Ireland agent Friedheim International. This, in turn, translates to a convincing price-performance ratio.

Automatic adjustments and settings for the wrapping module deliver reduced set up and make ready times, while the combination of system automation and user-friendly

operator interface make it easy for operators to become proficient in a short period of time. Job settings can be stored easily in the system's memory, enabling recall and editing to be achieved in minutes.

The unwinder, fitted with tension control, is equipped with end of roll detection as standard.

01442 206100
www.friedheim.co.uk

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Aseptic PET filler for medium sized bottlers

Krones has developed and field-tested a compact sized aseptic filler to allow medium sized bottlers to handle relatively small batches of PET bottles in aseptic mode in a cost efficient way.

With the PET-Asept D Compact for dry-aseptics, Krones has created a genuine aseptic solution and a flexible machine to handle low outputs without any cost penalties.

It no longer needs any sterile-water UHT system in order to operate as the containers and the isolator are sterilised with gaseous hydrogen peroxide. The machine itself is cleaned using caustic and acid, which means that peracetic acid and foam cleaning products are no longer required on the system.

The small footprint on a minimised floor area is comparable with linear machines, says Krones.



The compact sized aseptic filler allows medium sized bottlers to handle relatively small batches for the first time

In the core section, the containers are passed by a gripper conveyor system first through a pre-warming zone, then sterilised by means of gaseous H₂O₂ before entering the blow-out section of the steriliser. After this, the containers are filled and then capped.

The height adjustable conveyor is already isolated from the sterile zone, which means that minimised change over times are achieved without any handling parts

needing to be replaced.

This new machine has an output range covering 6,000 to 12,000 containers an hour. The PET-Asept D Compact can be installed as a stand alone line component or monobloc-synchronised with a stretch blow moulding machine.

A first line featuring the PET-Asept D Compact was delivered to a German bottler earlier this year.

01942 845000
www.krones.co.uk

Linerless 'green' labellers

Atwell Labellers has introduced a range of high speed linerless application machines to join its linerless print & apply applicators for outer case and pallet labelling.

The new units can handle a roll of preprinted linerless labels up to 100mm wide and 500 metres long as standard, with the ability to be modified to handle larger sized labels

as required. With label application speeds of up to 150 labels a minute, and with the ability to add an in-line printer for date, batch and price information, the new system offers users reduced costs and environmental footprint.

The compact design of the new label head means it can be mounted above, below or to the side of any integrated

system or as part of an existing production line or labelling system. This means customers with existing self adhesive labelling systems can take advantage of the new eco-friendly technology without having to reinvest in a complete new line.

01444 239970
www.atwell-labellers.co.uk

Compact keg washing and racking unit

KHS has launched a compact keg washing and racking machine capable of achieving outputs between 60 and 100 kegs an hour, based on the rotary

processing principle that the company has been operating and developing for decades.

Called the Innokeg Till CombiKeg, it houses not only the systems for

washing the kegs inside and out and filling them, but also the media tanks, controls, and conveyors.

0121 713 6900
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X-ray unit for pumped foods saves money

Mettler-Toledo Safeline has launched the AdvanCheK Pipeline x-ray inspection system to deliver high levels of contaminant detection in pumped food products ranging from meat and poultry to liquids, slurries and semi-solids like jams, sauces, soups and also yoghurts.

Positioned at the early stage of the production process, the AdvanCheK Pipeline ensures only non-contaminated pumped food products are advanced for further processing and final packaging. By catching and removing contaminants early in the production process, the system minimises product waste and therefore saves production costs.

It detects contaminants such as glass, metal, stone, bone and high density plastics.

"Typically, detection levels are better in the early stages of the production process where unprocessed pumped product can be presented in a shallower depth and with a more uniform texture," says Paul King, sales manager at Mettler-Toledo Safeline. "At each stage of the production process the value of the product increases therefore it is more cost and waste effective to install an AdvanCheK Pipeline early in the process before the product has been processed or sealed in its final packaging."

The unit can be easily attached to existing production lines as it is designed on castors, so it can roll backwards during product calibration without the need to disconnect the pipe work or cause any other problems. 0116 235 7070 www.mt.com

High speed mix weigher

Ishida says it is taking the accurate weighing of mixed products – such as nuts, confectionery and convenience meals – to a new level of sophistication and accuracy with the introduction of a 36 head multihead weigher.

In particular, the new CCW-R-236 is able to ensure the correct amount of high value products with no need for overfilling. And, it is capable of handling and mixing up to eight different products at high speeds, with a top speed of up to 360 weighments a minute for a single product.

The mix weighing process means each section of the machine acts as an individual weigher, allowing each ingredient in the mix to be given a specific target weight to ensure that the final product contains exactly the right proportion. Equally important, each section can be specified with different contact parts in order to cope with the special characteristics of difficult-to-handle products, such as sticky items including raisins



The CCW-R-236 from Ishida Europe is capable of handling and mixing up to eight different products at high speeds

or jellies, without compromising speed or accuracy.

The CCW-R-236 incorporates Ishida's proven R Series technology, including Pulse Width Modulation, which ensures a controlled and more predictable flow of product through the machine, and special combination calculation software, 5-stage digital filter, anti-floor vibration and Ishida-made load cells that enable the weigher to maintain excellent accuracy at these high speeds.

This accuracy has further reduced product giveaway, meaning significantly more packs can be produced from the same amount of product, while faster calculation speeds allow the weigher to calculate several possible final combinations each time.

As a result, the missed cycles that can occur in some machines have been all but eliminated, says Ishida. 0121 607 7700 www.ishidaeurope.com

Track and trace labeller launch

The Marchesini Group is launching a track & trace labelling machine and an electronic counter in line with a Sirio 3 unscrambler in the new pharmaceutical pavilion at Pack Expo Las Vegas (26-28 September).

Called Neri BL400 VTE TT, the labelling machine applies two tamper evident labels on the side flaps of a carton as well as a vignette on the top. High quality 2D datamatrix codes can be printed on the body and on the sides of the carton which are then automatically inspected.

The machine can achieve speeds up to 400 cartons a minute and its balcony construction gives full



The Neri BL400 VTE TT labelling machine which will be seen in Las Vegas

accessibility to users as well as fast and easy changeovers. Precise label application and printing accuracy are guaranteed by the step-motion carton transport, says the company.

Also on show is the FTC 24 twin head electronic counting machine capable of running all

types of solid pharmaceutical products without the need for change parts. The machine features two in line counting heads and operates from a compact footprint.

Stand C-4615
01525 216201
www.marchesini.com

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up at night

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Ink jet gives high contrast

The 1710 is the latest addition to the 1000 series line of continuous ink jet printers from Videojet and is designed for applications requiring high contrast, clean codes on dark or difficult to mark surfaces.

It can code up to five lines of high resolution print, reaching speeds of up to 271 metres a minute, for applications such as parts marking, extrusion and food and drink sectors.

"The 1710 has been designed from the start to handle the demands of pigmented ink and is more than evolution, it's a revolution," claims Tom Hawkins, Videojet's UK product manager. "It delivers planned maintenance intervals at least twice as long as its nearest rival, unparalleled reliability, and long shut downs are not a problem," he says.

This new unit uses the exclusive Smart Cartridge fluid system featured on all printers in the Videojet 1000 series range.

0870 240 5542
www.videojet.co.uk

Flat pouch system launch

Bosch Packaging Technology will introduce a new flat pouch packaging system, the Sigpack RNGS 8 and KG3 cartoner at Pack Expo Las Vegas (26-28 September).

With new servo-driven flexibility, the system provides a seamless, integrated solution with a very small footprint and achieves less giveaway due to dosing accuracy. These features, combined with high speeds, result in a highly efficient solution, says Bosch.

Also making its debut at the show will be the Pack 301 IN inverted horizontal wrapper. The machine is ideal for wrapping multipacks, soft packages, vegetables and products that need to be carried on a conveyor instead of being pushed. Furthermore the Pack 301 IN allows users



Bosch will launch this new flat pouch packaging system in Las Vegas

to shorten changeover time, reduce film waste and enhance package appearance while gently handling the product.

To provide customers with ease of ordering and optimised spare parts logistics, Bosch will launch its advanced E-Portal. This online platform contains customised as well as machine-specific spare parts

data to ensure an efficient ordering process. Up-to-date information on availability and price can be accessed online at any time to enable reliable planning. It also provides a history of quotes and orders for transparent information and rapid decision making.

01332 626262
www.boschpackaging.com

Bacon processors can modernise easily

Multivac has launched the R 595 system for efficient, precision packaging of bacon to offer processors a reliable option to modernise their production facilities.

The first machine version

has a footprint of approx 4.7 metres and is equipped with one-track tooling, while the second has two-track tooling and so generates an output of 120 packs a minute.

"The R 595 represents a

generational leap forward for processors seeking to modernise their facilities," claims Guido Spix, chief technology officer at Multivac. 01793 425800
www.multivac.co.uk

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