

## SQC software

FreeWeigh.Net is the network solution from Mettler-Toledo for statistical quality control of filling processes in food and pharmaceutical applications.

As well as systematically detecting and eliminating quality defects, it also reduces the unnecessary costs of overfilling. By choosing FreeWeigh.Net for quality control needs, pharmaceutical companies can comply with FDA 21 CFR Part 11.

The software system covers the entire packaging and fill quantity checking process and can be networked to control static scales, checkweighers, metal detectors and other data recording equipment.

0116 235 7070

[www.mt.com](http://www.mt.com)

## Auto strapper

Gordian Strapping has introduced the JK-5000 automatic strapping machine which offers improved speeds over the previous JK5 arch machine.

Up to 37 straps a minute can be achieved on this new compact unit that is also portable, with locking castors and space saving design while including a coil holder within the main body frame. The machine can run strap from 5mm up to 12mm width.

01256 394400

[www.gordianstrapping.com](http://www.gordianstrapping.com)

# Fresh food tray packer meets low margin needs

Ishida Europe has launched a high performance dual-lane tray packing system for fresh foods that enables food manufacturers to create bespoke packing lines for their specific requirements and achieve significant savings in labour, downtime and consumables.

The Ishida Flex Line comprises a series of smart units that simply snap together to meet individual specifications, with functions including tray denesting, multihead weighing, tray filling and sealing, foreign body detection, checkweighing, seal testing, label inspection and end of line packaging. By sourcing all equipment from a single supplier, each system is fully integrated for maximum efficiency and reliability.

The dual line provides maximum return on floor space. Equally important, each lane can operate independently and at different speeds meaning different tray sizes, pack weights or even products can be run on the two lanes.

Each fully integrated system is simple to operate with minimal manual handling required. The result is perfect pack presentation with accurate filling and quality seals, while end of line quality control and traceability features ensure



*The Flex Line comprises a series of smart units that simply snap together to meet individual specifications*

correct weight, contamination protection, seal integrity, correct label position and printed data accuracy.

Such features reduce product giveaway and rework, and minimise manpower requirements to deliver a fast return on investment.

At the same time, the company has introduced a new range of checkweighers which the company says takes checkweighing – including speed and accuracy, robustness, hygiene and easy operation – to a new level of effectiveness.

The Ishida DACS-G range features a new Ishida designed, exceptionally fast and accurate

digital loadcell that is able to operate with great reliability in the harshest of environments. A special feature of the loadcell is its ability to switch between two weighing capacities and graduations, thus giving each model in the range the flexibility to handle a much larger range of products.

For example, at the touch of a button, the DACS-G 015 model can be switched between a maximum capacity of 600g (0.2g graduation) to 1.5kg (0.5g graduation), while the DACS-G 060 offers a switching between 3kg (1g graduation) and 6kg (2g graduation) ranges.

0121 607 7700

[www.ishidaeurope.com](http://www.ishidaeurope.com)

## THERMAL TRANSFER PRINTERS - INKJET CODERS - HOT FOIL PRINTERS



World Class Coding & Marking Systems



getting you up to speed

+44 (0)20 8655 4999

[sales@opendate.co.uk](mailto:sales@opendate.co.uk)

[www.opendate.co.uk](http://www.opendate.co.uk)

# Tight seals look great

Sealpac has added a fully automated solution to its thermoformers that provides added value for packs of meat, poultry, game or seafood products.

In operation, product is loaded into the thermoformed pack and hermetically sealed with a transparent skin film by using vacuum technology. In the process, the top film smoothly covers the product and precisely fits its contours like a second skin.

This tight film fit prevents drip-loss and also fixes the product securely in the pack which allows vertical product presentation at the retailer.

As the skin lies directly on top of the product, contamination is prevented, which makes this solution especially beneficial for



*ThermoSkin packs can be produced on all Sealpac standard thermoformers such as this RE25 model*

marinated products. The result is a high quality pack that can also be used for products that require post-maturation during storage.

ThermoSkin packs can also be produced with a second seal to create head room and provides space for extras such as seasonings, in-pack promotions or recipes. It can even be applied to products that

protrude the sealing edge.

ThermoSkin plus handles products with a protrusion of up to 6mm above the sealing edge while the Xplus system allows for a product protrusion of up to 20mm.

ThermoSkin packs are produced on all Sealpac's standard thermoformers such as the RE25 and RE30.

0118 977 3400

[www.sealpac-uk.com](http://www.sealpac-uk.com)



**Versatile end-of-line packaging machines and systems with a low cost of ownership**

## Shrink Wrappers



## Case & Tray Packers



## Pallet Loaders & Wrappers



**Come and see us on Stand F46 at**

**PPMA 2011**

27-29 September  
NEC, Birmingham, UK

[www.ppmashow.co.uk](http://www.ppmashow.co.uk)

For more information contact us:

Tel/Fax: +44 (0)1462 743002

Email: [info@arpac europe.com](mailto:info@arpac europe.com)

Web: [www.arpac europe.com](http://www.arpac europe.com)

# Metal detecting for foodstuffs

S+S Inspection has redesigned the Raycon x-ray inspection system to better meet the needs of the packaging industry, especially the food sector, for the detection of a wide variety of metallic and non-metallic contamination in packaged and unpackaged products.

In addition, the x-ray inspection can identify agglomerated, deformed, broken and missing items, even in metallic packaging.

Whole or part product checkweighing during the inspection process is a further option to identify out of specification products.

The new machine uses the latest long-life tube and proprietary real-time software running on an industrial PC. The special configuration with the x-ray source under the conveyor, rather than over the top, has been retained from earlier models as it provides full product width inspection,

even for tall products.

Fold-away covers and safety interlocks make it easy to clean and quick to comply with BRC, IFS and HACCP standards and retailer codes of practice.

New control and image processing software is able to simultaneously inspect up to five product lines running in parallel at up to 600 items per second.

01489 553740

[www.sesotec.co.uk](http://www.sesotec.co.uk)

# Palletiser achieves perfect bag stacks

Beumer Group has introduced the paletpac palletiser, a high performance machine for palletising bulk goods in bags which has been adapted to offer stacks up to 5,500 bags an hour.

To achieve this, the software responsible for

layer formation has been optimised while servo drives in the stacking table and pusher ensure further increases in performance. Speeds have been increased to 5,500 bags an hour with 8 bags per layer; 4,500 bags an hour at 5 per layer and 4,400 at 7 per layer.

The geometrical accuracy and stability of the palletised stacks enable them to be stored easily and guarantee reliable integration into downstream packaging systems.

01530 267091

[www.beumer.com](http://www.beumer.com)

**CAP CODER**



**User-friendly digital peristaltic pump**



**Versatile Filling and Capping machines**



**Cap Coder Ltd**

Monument Business Park  
Chalgrove, Oxford OX44 7RW

Tel: 01865 891466

Fax: 01865 891292

e-mail:

sales@capcoder.co.uk

web site:

www.capcoder.co.uk

**new machinery**

# Collator stacker for sliced product packs

Jenton-Ariana launched the high speed FCS pack collator-stacker at MeatUp 2011 in June which is designed for high speed collation.

The FCS unit automatically stacks thermoformed packs, pouches, cheese packs or trays from a single line into stacks up to a maximum height of 150mm. Main applications for the unit include all sliced products, poultry, fish and fresh produce.

Depending on stack count and pack profile, the collator can accept packs at speeds of up to 180 packs a minute. It is manufactured from stainless steel and FDA approved materials and is IP rated to IP65.

A twin belt conveyor generates the required product spacing prior to collation and two vertically mounted indexing conveyors are included where the collation is formed. A stepper motor driven inertia friendly discharge conveyor ensures the stacks remain stable. The



*The high speed FCS pack collator-stacker was launched at MeatUp*

outfeed conveyor, including stack restrictors, presents the formed stacks for either automatic or manual boxing.

An HMI touch screen/PLC controls the machine and an interface to line control via BUS links is simple.

"This system is smaller, faster and easier to use and even cheaper than its predecessor and demonstrates how mechanical innovation and new motor and control technology can combine for the better," explains Dr Russ Sion, technical director at Jenton.

Also demonstrated at the show was the Packleader BCS converger, a multi lane switchable converger offering an economical and intelligent unit for converging thermoformed packs into a single line while the Jenton-Ariana Sealtester provides automatic seal integrity testing and converging in one unit. This system ensures each pack test is as long as possible to identify and reject the smallest possible seal defect.

01256 892194

www.jentonariana.co.uk

## Augerless filling has pouch advantages

PLF International has unveiled a patented application for powder filling into pouches without the use of augers.

"Our customers have always tried to negate the use of augers in their rigid container manufacture due to the increased risk of product breakdown and metal contamination, but frustratingly, the auger application could never be eradicated in the soft pack market until now," explains sales director at PLF Ian Hillaby. "With this new application and utilising our

gentle product handling design features, our customers can now enjoy the same calibre of production, without the potential problematic issues augers can present."

PLF says the new application, filling by vacuum or volume, has all the design features of the rest of its equipment but can now be used to fill soft packs on pouch filling equipment. It was developed with pouch and bag filling machinery manufacturer GIC.



*PLF International has patented the application*

01255 552994

www.plfinternational.com

# Ring wrapper meets lean needs

A new generation ring wrapping machine presented at interpack by Robopac Sistemi meets lean manufacturing needs of today's high speed production environments.

Brushless motors drive the pre-stretch carriage making it stretch up to 400%, permitting continuous variations within the wrapping cycle controlled from the panel. To guarantee load protection against dust and water, the top inside device is used to accurately unwind the right amount of film to cover the product and centre the top sheet with only minimal increases in wrapping time.

## Bag compactor helps disposal

Flexicon Europe has developed a bag compactor as an integral part of its range of bag dump stations to enable operators to discard and compress up to 80 used bags into a compact neat bundle for subsequent disposal.

The bag dump station provides a simple method of manually introducing bagged materials for hopper replenishment or direct feed into a processing line via flexible screw or pneumatic conveyors. As each bag is split and manually emptied into the bag dump station high velocity vacuum fans automatically draw dust away from the operator onto two cartridge filters, protecting workers and preventing plant contamination.

Adding the bag compactor brings added safety and improvements to the work area as emptied bags can now be contained within the confines of the machine rather than being discarded into adjacent wire cages in the production area.

01227 374710

[www.flexicon.co.uk](http://www.flexicon.co.uk)

[www.machineryupdate.co.uk](http://www.machineryupdate.co.uk)

Called the Genesis Cube, the machine is equipped with a film strip contraction system to guarantee higher stability and a patented spool change system to guarantee longer productivity without operator intervention.

All in all, the machine offers

excellent wrapped load stability, savings due to the minimum film consumption, high reliability with simple maintenance and reduced environmental impact. The machine is available from Aetna in the UK and general manager Colin Barker says the

machine meets lean manufacturing needs. "This machine has achieved the required load stability while using less film for high speed applications," he says. 01234 825050 [www.aetnagroup.co.uk](http://www.aetnagroup.co.uk)



The machines of the ErgoBloc L have been awarded the enviro seal, by virtue of their minimised media consumption.



## You want it? We build it!

No one knows your plant better than you yourself. That's why we customise our lines to suit your visions – never the other way round. Just tell us your destination: we'll find the route, supply the equipment, and stay with you until you arrive where you want to go. There's only one thing you'll never get from us: limitations. Because you are the sole arbiter of what's possible. [www.krones.com](http://www.krones.com)

We do more.

 **KRONES**