

interpack 2008 – the biggest yet



MARKET FACTS

Global export markets

- The total global output of packaging machines is claimed to be Euro 400bn, according to figures published recently by the VDMA in Germany. USA and Italy have 16 per cent each of the worldwide production of packaging machines. Top is Germany which has a 20 per cent share of the market.
- German production of packaging and food processing machines topped Euro9.4bn in 2006, an increase of 7.2 per cent. Fifty per cent of this turnover is accounted for by packaging and beverage machines. Its share of international trade stood at 27 per cent in the sector overall, but a breakdown reveals its share of the global market for packaging machines and meat processing machines topped 30 per cent. Italy is the second largest exporter of machines with a 21 per cent share. Both Germany and Italy export 80 per cent of their production. While German national consumption continues to increase modestly in Italy national consumption is in decline.



To see what the British and the PPMA are up to at interpack turn to pages 20-21



Celebrating its 50th anniversary and labelled as the biggest interpack of all time, the 2008 show opens its doors on April 24, closing 7 days later on 30 April.

Spread across all 19 halls at the Trade Fair Centre in Dusseldorf, interpack has been described as providing an encyclopaedia of packaging and processing. The show covers: foods and beverages, confectionery and baked goods, pharmaceuticals and cosmetics, non-food consumer goods and industrial products.

For 2008 Messe Dusseldorf has noted a trend to larger stands and an influx of first time exhibitors. There is no shortage of statistics about interpack and while 2008 is set to break all previous records it is worth reminding ourselves of the scale of this truly international event. The 2005 show hosted 177,000 visitors, 55 per cent were overseas attendees coming from 106 countries.

The UK was second in the league table of foreign visitors with 7 per cent of the total, only

the Netherlands sent more visitors.

Overall the average length of visit was 2.2 days. Industry sectors represented included 15 per cent from food and luxury items, 5 per cent from confectionery, 8 per cent from pharmaceutical and 7 per cent from chemical industries. Sixty five per cent came to see packaging or confectionery machines and 44 per cent were interested in the latest materials technologies.

Surprisingly 48 per cent of attendees were visiting interpack for the first time and overall 63 per cent came from Europe (51 per cent from the 'old' EU), while 17 per cent came from Asia. There were 2,654 exhibitors of which 910 were German.

Today's packing machines must allow the economical, flexible and hygienic production

of a wide variety of packaging for diverse markets. Major trends include convenience, protection, product safety, cost efficiency and traceability. And, at the same time, all packaging and processing machinery and containers must provide environmental sustainability, storability, better dosage, easy open and reclose. Machines finely tuned to meet these demands will be much in evidence.

Two first time features at interpack 2008 will be the INNOVATIONPARC and a new Awards scheme called the iF Awards. The latter has a category open to machine companies and will focus on ergonomics, safety and design quality. Presentations will be made on 24 April.

Visit: www.interpack.com for travel, hotel, exhibitors and full visitor services.

SHOW BRIEFS

■ **Adelphi Manufacturing** will show examples of its Response range of bench top filling machines as well as the Masterfil series of volumetric, flowmeter and weigh/fill equipment. The Response fillers can handle liquids, creams, pastes and solids in suspension. The fill range is 5-1000ml with accuracy of 0.25 per cent, says the company. **Stand 5D02-3**

T: +44 (0) 1444 472300
E: sales@adelphi.uk.com

■ **Metal detection specialists Fortress Technology** will be exhibiting an 'all-in-one' integrated conveyor system which optimises performance and complies with retailer and food agencies' standards, says the company. The option of CONTACT software, with wireless ethernet connectivity, enables communication with a PC, making the metal detector a Critical Control Point in HACCP programmes. **Stand 5D02-4**

T: +44 (0) 1295 256266
E: info@fortresstechnology.co.uk

■ **J.F. Machines** will unveil a new narrow width (70mm) digital printing machine for print-on-demand labels. The machine has been developed in collaboration with the CIC Digital Print team at Leeds University and incorporates the new Xaar 1001 greyscale ink-jet print heads which use a constant flow of ink. **Stand 5C01-4**

T: +44 (0) 1536 415842
E: john@jfmachines.co.uk



PPMA waves the flag

The Processing & Packaging Machinery Association (PPMA) will again host the UK Pavilion which will feature 24 British companies, a networking lounge and business centre.

A further 27 PPMA UK manufacturers will be exhibiting around the interpack halls. Plus it is important to remember that most of the PPMA's overseas manufacturing members will virtually fill the machinery halls.

PPMA experts will be on hand to offer visitors advice on all matters to do with processing and packaging machinery.

The PPMA's hospitality area will be 'the' place to be for meeting up after a busy day at the show.

One of the strongest and most active industrial trade associations in the UK the PPMA is dedicated to serving the business needs of its member companies. Its services

cover publishing, including Machinery Update, The Processing and Packaging Machinery Directory and PPMA News, and the PPMA website featuring a machinery finder

The key of the door

The PPMA Show 2008, the UK's annual showcase for processing and packaging machinery, will provide one of the focal points of the PPMA's 21st birthday celebrations from September 30 – October 2 2008, Birmingham NEC, UK.

One of the main highlights will be a wide-ranging free seminar programme at which brand owners, retailers, suppliers and industry experts will speak. The emphasis will be on how the processing and packaging sector can examine ways to help customers automate, increase throughput and reduce costs.

service and links to all the association's activities. These include international services, and its office in China; technical updates; seminars and conferences; regulatory issues; and the PPMA Show.

The PPMA's objective is to give the latest information on equipment and machinery systems to processors and packers everywhere.

It is also an active member of the Engineering and Machinery Alliance, a group of trade associations committed to engaging with government to reduce the burden of inappropriate or disproportionate regulation on the industry.

Stand 5D02-7

T: +44 (0) 208 773 8111
E: administration@ppma.co.uk

PPMA UK PAVILION
Hall 5, Stands:

C01-1 to C01-15
and D02-1 to D02-10

Hipak is ONE for short box runs

Autobox is launching the HIPAK ONE for short run corrugated Box Making Machine.

It features a new corrugated sheet feeding and cutting system that enables box blanks



HIPAK ONE quick set corrugated box making machine

of any quantity to be automatically cut from master stock sheets. This eliminates the need to order cut to size blanks or to manually cut blanks from stock sheet, says Autobox.

The HIPAK ONE features simple inputs on the Operator touch screen which means that the correct sized blank can be cut to width and length before being conveyed automatically to the slotting and creasing section, says the company.

Optional single colour digital printing is also offered.

Aimed at box making plants and end users that want to make their own boxes in house, the machine is capable of making a variety of box styles and sizes. Tool-less size change offers times of less than 2 minutes and speeds of 1,000 boxes/hour can be achieved, says Autobox.

The HIPAK ONE will be of interest to companies who currently buy in boxes for resale. **Stand 5D02-8**

T: +44 (0) 1525 379359
E: b.tabor@autobox.co.uk



Scoop and spoon placer at the touch of a button

A new generation machine to load scoops and spoons into containers of powdered baby milk and similar foodstuffs will be featured by Albro Dico Gravid (ADG Packaging Systems).

The new system employs a camera-guided robot which makes rapid push-button changeover between different shapes and sizes of spoon possible. It eliminates the size parts required for traditional bowl feeders and delivery chutes.

"Use of a vision system and robot also allows the machine to recognise and reject spoons that are the wrong type, wrong colour or broken," points out ADG

Sales & Marketing director Ian Hillaby.

"In this way, there is quality control at the final point of loading."

The new machine is also able to pick and place giveaways and other promotions such as sachets, placing them in cans or jars at the same speed as the filling machine.

Also on show will be a six head version of the new Excel Servo in-line volumetric liquid filler fitted with 5 litre cylinders.

It is capable of multi-dose, filling containers up to 20 litres. Applications extend from food to chemicals, and personal care

products to mineral oil.

Based on the established mechanically driven ADG Excel filler, the new servo-driven machine offers programmable fill volume and speed control adjustable on the run. It can be set to follow a fill profile that matches the shape of the container.

This means speed can be reduced at narrow points, such as container waists and tapered shoulders, to help prevent foaming and cavitation in difficult liquids, says the company.

Stands 5C01-2 and 5D02-9

T: +44 (0)1233 629161
E: sales@adg-pack.com

New generation of cap sealers

Relco UK will be exhibiting its range of induction cap sealers including the latest generation R² automatic sealer.

This unit, which is IP66 rated for food use, provides data output for quality control purposes.

A three head capless induction sealer that foil seals

jars before capping will also be demonstrated. This allows customers to fully control the induction process, says Relco.

The sealing process is energy efficient and, it is claimed, provides cost savings when compared with standard induction methods.

Cost savings can be made in

reducing the material content in the closure and the material thickness in the neck.

It also allows customers to seal containers, which it was not previously possible to seal with induction, such as metal cans says Relco. **Stand 5C01-5**

T: +44 (0) 1923 241231
E: paul.rollason@relco.co.uk

Showing off its 'green' credentials

The first unveiling of the "environmentally friendly"



TS570 FLEXWRAP wrapping machine for the food sector will take place on the FDA Packaging Machinery stand.

Claimed to eliminate the need for expensive trays "its green

Product examples wrapped by FLEXWRAP

credentials are enhanced by using bio-degradable wrapping materials", says FDA.

The compact machine can be adjusted for a wide range of sizes from a biscuit to a baguette. It can also be used in pharmaceutical markets.

Stand 5C01-15

T: +44 (0) 1603 721804
E: sales@fda-packaging.com

SHOW BRIEFS

- **All-Fill International** will be demonstrating a range of vertical auger-based filling equipment. This includes the Series 100 single head in-line automatic filling system, shown in volumetric form.

Stand 5D02-10

T: +44 (0)1767 691100
E: info@allfill.co.uk

- **Premier Labellers** will be exhibiting its 200 series labelling machine. It can handle a number of containers and labels at speeds of up to 300bpm. The new PLC touchscreen control is simple and easy to use, while the machine also features an automatic integrated bar code verification and reject system. **Stand 5C01-7**

T: +44 (0) 1255 553822
E: sales@premierlabellers.co.uk

- **Saimo Technology UK** will feature its new VFFS bagger being fed by a multihead weigher. The company says this is the final element in offering cost-effective complete packaging lines.

Stand 5C01-12

T: +44 (0) 1942 677956
E: alanr@saimotech.com

- **BCH** will present a low-cost confectionery extrusion line suitable for new start up companies, and those in developing markets in the Middle East, Africa and Asia. The company will also demonstrate the possibilities for 100% fruit and vegetable extrusion to suit the latest consumer trends for natural, organic and clean ingredient labels on their snack products. **Stand 5D02-6**

T: +44 (0) 1706 852122
E: info@bchltd.com

World premiere for Krones

Two new machines for optimising grouping and palletising functions will be showcased by Krones AG on its 1,000m² stand.

The high-speed Modulpal 1 ADR palletiser has an output of up to 600 layers/hour and comprises sturdy, field-proven components from the Krones Modulpal single-column modular design.

The new machine means high outputs can be achieved on a single pallet loading position, says Krones.

Supplied by a grouping system, the Modulpal 1 ADR palletiser, featuring two lifting units and two gripper heads, deposits the packs on a single pallet. Prior to this development a double-position palletiser was used in this speed range.

The packs can be grouped using the newly developed Robobox grouping system. The compact Robobox facilitates fast and reliable grouping of non-returnable packs.

The versatile unit for pack turning and distribution, offers maximum scope for every variant of pack grouping, says



The Robobox pack grouping station from Krones

Krones. Packs are guided by a gripper and the transfer device handles packs up to maximum dimensions of 400 x 400mm and a top weight of 18kg.

Also on show is the Variopac Pro non-returnables packer which features a new shrink tunnel.

For two-lane handling, a shaft wall in the form of a perforated hollow chamber has been inserted to produce a direct flow of hot air into the packs. This

ensures high-quality shrink-wrap. Krones' claims an energy reduction of about 20 per cent compared with existing technology.

The Variopac Pro will be demonstrated packing ultra-lightweight PET containers in ultra-thin film: the recently premiered 0.5 litre PET container, weighing only 8.8g.

Hall 16, Stands B45/D38

T: +44 (0) 1942 845000
E: sales@krones.co.uk

SHOW BRIEFS HALLS 5 and 6

- **Hi-Tech Machinery** will be exhibiting with Hibar Systems, its Canadian principal, showing a new servo-driven constant motion filler. Two rotating scrolls ensure stability for jars and bottles which move in a straight line at constant speed through the filling area, says Hibar. The scrolls are able to handle a range of sizes at speeds up to 300 containers/minute, without the need for change parts. **Stand 5A38**

T: +44 (0) 1256 766003
E: sales@fillers.co.uk

- **Lock Inspection** will demonstrate several models from its MET 30+ Universal range of metal detectors. These include the MET 30+hf which, says the company, offers up to 30 per cent higher sensitivity than its predecessor. The MET 30+3f is claimed to be the first fully automatic triple frequency detector capable of high precision inspection of poly-film and metallised packaged products. **Stand 5D02-1**

T: +44 (0) 161 624 0333
E: marketing@lockinspection.co.uk

- **Sauven Marking's** simple and economical ink jet printer, the 6000 Plus, will be on display. It contains no moving parts, pumps nor valves. The ink feed is based on capillarity and gravity and there is no need for compressed air, says Sauven. The control is mastered by a single PCB connected to the print head with a single data cable. **Stand 6B58**

T: +44 (0) 1932 355191
E: sales@sauven-marking.co.uk

Hall 6 continued on page 25

Product inspection under the spotlight

Highlights from Mettler-Toledo's Product Inspection Division will include metal detection equipment for a variety of applications including the latest x-ray technologies from Safeline, as well as its checkweighers from Garvens.

Mettler-Toledo Safeline's metal detection systems on show include Profile and Signature software platforms: conveyor-mounted detectors for processing and packaging lines, pipeline systems for the inspection of liquids and slurries, and vertical packaging solutions, claimed to be ideal for

use where the space between weighing and bagging machines is limited.

X-ray inspection systems on display include Mettler-Toledo Safeline X-ray's AdvanCheK, said to be a user-friendly x-ray inspection machine for fast and reliable contamination detection on conveyor systems.

In addition, the company will show Inspirex R20, which offers unlimited inspection capabilities including contamination detection, mass measurement, missing product detection and seal integrity inspection.

Checkweighing equipment

from Mettler-Toledo Garvens includes the X-series checkweighers suitable for products weighing from a few grams up to 120 kg.

Throughput speeds of more than 1,000 weighs/minute, depending on application, can be achieved.

Safeline metal detection technology can be combined with Garvens checkweighers and operated centrally through a single user-friendly terminal, says the company.

Hall 11, Stand B55

T: +44 (0) 161 848 8636
E: safeline.info@mt.com

Meeting pharma standards

Romaco will be introducing the Promatic P91 S intermittent motion cartoner for which it believes new technical standards are being set with a speed of 140 cartons/minute.

The P91 S is equipped with a balcony structure and is said to meet the high standards demanded by pharmaceuticals and cosmetics markets.

The production process is monitored and controlled via a control panel using sensor technology, which guarantees simple operation, flexible controls and rapid intervention in the packaging process.

Driven by low-noise and low-vibration brushless motors, the

P91 S provides a user-friendly working environment, says Romaco. All machine parts are claimed to be easily accessible and easy to operate.

Also on show is the Macofar VF-18 aseptic filling machine for pharmaceutical parenteral liquids. The VF-18 was developed for the aseptic filling of vials and achieves a maximum output of 18,000 vials/hour.

Optionally equipped with RABS (Restricted Access Barrier System) or Isolator, the VF-18 filling machine meets the strictest conditions of aseptic production processes, says the company.

The balcony structure

facilitates through-wall installation thus minimising the required clean room space and access to the grey area from a technical room.

The filling volumes, nozzle motion, vial transport system and 'stopping' unit position can be automatically adjusted through the operator's panel to the vial sizes and production requirements.

The new Noack blister machine N 930 with platen sealing will also be shown. It achieves a maximum packaging output of 400 blisters/minute.

Hall 16, Stand D37

T: +44 (0) 1733 367300

E: uk@romaco.com

First second generation robot family

The new FlexPicker delta robot family will be highlighted by ABB Robotics. Features of the new IRB360 include a 50 per cent higher payload, up to 3 kg, compared with the previous FlexPicker IRB340.

ABB says that the increased payload capacity provides two clear benefits: the ability to handle heavier objects; and accommodating the mass of increasingly sophisticated grippers required in handling diverse products.

The average cycle time performance of the new IRB360 has improved by over 20 per cent resulting in 110

picks/minute at 3kg. Its fourth axis has an extensive work range and, due to improved motion control and robust design, does not limit the robot's performance.

Designed to meet the stringent hygiene demands for food, such as meat, dairy products and ready-made meals, the FlexPicker family includes a stainless steel wash-down version.

Complementing the FlexPicker is ABB's PickMaster software which enables modelling for applications and



FlexPicker IRB360

assists with the optimisation of multiple robot installations.

Hall 16, Stand A35

T: +44 (0) 1908 350300

E: michelle.heydon@gb.abb.com

You can count on us for capping

IMA Swiftpack will be exhibiting a new customised Monoblock counting and capping system, which uses optical sensors on the counter combined with an intermittent capping machine. It has a capacity of up to 60 bottles/minute.

The Monoblock series provides IMA with the most

comprehensive range of counting solutions, supplying R&D systems to fully integrated High Speed production lines, claims IMA.

Also being exhibited is the CONTA, said to be the world's first counting machine using a patent vision system that can detect damaged or defective

product. Its tablet reject system will remove any alien item before entering the container, says the company. The CONTA series comes as a single or twin system for medium to high speed production operations.

Hall 16, Stands D13/E04

T: +44 (0) 1789 400880

E: sales@imaswiftpack.com

SHOW BRIEFS HALL 6

continued from page 23

- **Rockwell Automation** will showcase its Integrated Architecture technology and capabilities in robotic control. Allen-Bradley's MP series linear stages and its Kinetix 2000 servo drives will also be shown, plus in line performance solutions, track & trace and energy management systems.

Stands 6E31/E39

T: +44 (0) 870 242 5004

E: aburt@ra.rockwell.com

- **Sessions** will be available on the Germark stand to help demonstrate the German company's range of labelling equipment. Machines on show will include the Sequence front and back labeller and the Basic 100/200 wraparound labeller. **Stand 6A73**

T: +44 (0) 1904 659224

E: machine.info@

sessionsoforyork.co.uk

- **Pester's** re-designed end of line machines for the cosmetics and pharmaceutical sectors on show include: PEWO-form UV PK space saving side load case packer, a depalletiser and a dual lane stretch wrapper.

Stand 6D61-73

T: +44 (0) 1189 731811

E: pester-uk@pester.com

- **Grunwald** will feature its 'ultraclean' 5-lane inline cup filling machine, the FOODLINER 6,000 with full servo controls. Capacity is between 12,000 - 15,000 cups/hour. Quick change-over between cup sizes, is claimed. **Stand 6D02**

T: +44 (0) 1529 414999

E: info@grunwald-uk.com

SHOW BRIEFS HALLS 8 and 11

■ **Thermo Fisher Scientific** has a range of measurement and inspection systems on show, for the food, beverage and pharmaceutical sectors. These include the EZx, PROx and POWERx x-ray systems, APEX metal detectors and AC9 checkweighers. The company will also demonstrate its range of online analysis equipment such as the CrystalVision CO2 sensor and the InScan beverage inspection system. **Stand 8bC73**

T: +44 (0) 1788 820300
E: sales.wi.uk@thermofisher.com

■ **Fischbein-Saxon** will exhibit several new bag closing machines. These include the SH 1000 PLUS band sealer for sealing thick bags; the SH 2000 hot air sealer with AIRWASH and the latest PID temperature control; and the VERTIPAC, a double impulse pneumatic sealer which closes large volume bags of polyethylene, paper with internal PE and laminated materials. **Stand 11F11**

T: +44 (0) 870 160 9314
E: sales@fischbein-saxon.co.uk

■ **Linx Printing Technologies** is giving the first major showing of its new Scribing Laser Range. It is designed to offer superior results and simplicity in laser coding, says the company. Linx will also be exhibiting models from its extensive portfolio of Continuous Ink Jet, thermal transfer and large character marking machines. **Stand 11E53**

T: +44 (0) 1480 302100
E: uksales@linx.co.uk

End-to-end coding

Domino Printing Sciences will showcase three additions to its C-Series plus range of outer case coders; a linerless version of its M-Series print & apply labeller; and a new laser coding range - the D-Series plus.

The C-Series plus outer case coders offer double the print performance and double the speed of any competing product, claims Domino. It is designed to address market demand for coding alphanumeric and graphical information on high speed lines - such as those in the food and beverage industry.

The solution is said to achieve a print resolution of 180 dpi at up to 60 metres/minute. Each model has a clearer and more intuitive user interface, high-speed communications and faster Ethernet connectivity for easier integration by both end users and OEM's. It also has the

lowest power consumption of any outer case coder on the market, says the company.

Also new is the C6000+ adjacent side coder, which responds to long term market demands for more efficient use of both



The C6000+ adjacent side coder utilises a single printer to code onto two adjacent sides of a case

equipment and production floor space, particularly in the food sector, says Domino.

The patent-applied-for C6000+ adjacent side coder uses a single printer to code onto two adjacent sides of a case, reducing capital

investment, impact in the work area and operational complexity.

The C6000+ responds to trends for shelf-ready packaging and in line delivery of high quality, high speed printing onto coated substrates with a semi- or non-porous finish, adds the company. Incorporating self-cleaning and capping technology for the inkjet nozzles, the C6000+ coated case guarantees the highest print quality at all times.

Domino will also use interpack to showcase the next generation of its D-Series laser coders for the food, beverage, pharma and cosmetics sectors.

Key features of the range are a new modular construction, new browser-based control software plus an Ethernet interface to standardise connectivity with host machines.

Hall 15, Stand B02

T: +44 (0) 1954 782551
E: enquiries@domino-uk.com

Reduced footprint case packer

A multi-function top-loading case packer for product collating, case forming, loading and sealing will be launched by Cermex.

The SD58, with pick and place arm, has a much reduced footprint; less than 50 per cent

when compared with the SD69 model. This reduction has been achieved, says the company, by breaking down each function into modules which were then re-developed separately before combining them into the new machine. For example the case

extractor and forming module has been changed into a back and forth system driving the grippers holding the cases.

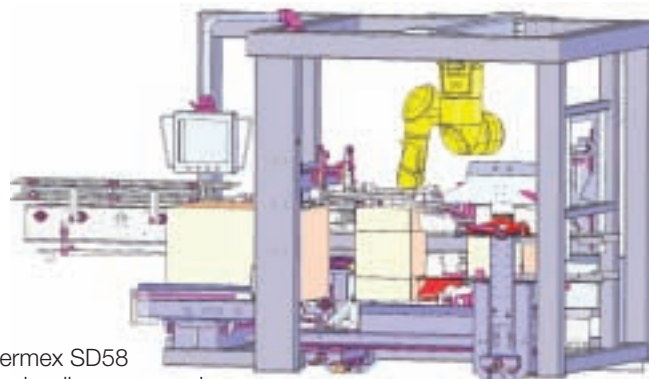
The machine features a 3-axis loading arm, also designed by Cermex, although other manufacturers' robotic arms can be accommodated.

The SD58 is compatible with the P5 palletiser. The P5 now has a reduced footprint (minus 40 per cent) and height (minus 13 per cent), without loss of functionality.

Other new equipment on display includes an up-dated wraparound case packer.

Hall 13, Stands C35/D34

T: +44 (0) 1480 455919
E: sales@cermexuk.com



Cermex SD58 top loading case packer

'Elematic' about cartoners

Paal, of Germany, will exhibit a packaging line consisting of a modern Bosch continuous bag form fill and seal machine, type SVE 2515 AR, and a new Paal indexing horizontal cartoner - ELEMATIC 1000 HC-CBI.

Shown for the first time, the continuous vertical bag form-fill-seal machine is designed to produce side folding bags. The vacuum belt draw-off system handles both heat sealable and PE film, says the company.

The vertical bag ffs machine features short size changes and changeover times, while the cartoner is equipped with Paal's

new platform strategy. Indexing, semi-continuous, and continuous versions are available on this platform - with



Elematic 1000 HC-CBI horizontal cartoner

6, 9, 12, and in special cases 15 inch pitches, adds Paal.

The new ELEMATIC 6000 F top loader is equipped with three robots with 4 to 6 axes. The first robot with 6 axes takes products

in a row of 12 pieces with special gripping effectors and splits them into two groups of 6 pieces. These are then put down

in rows by the robot onto two collation stations until both packages are completed according to the requested collation scheme of 2, 4, or 5 rows, says Paal.

The prepared packages are then picked by the second 4-axes robot and inserted from the top into the provided RSC-folding cartons.

Hall 17, Stand B41

Represented in the UK by C C Automation
T: +44 (0) 1892 544789
E: dwilson@ccautomation.com

SHOW BRIEFS HALL 12

■ **CSI Ivanhoe** will feature its Taros compact palletiser, which was launched in 2007 but already has over 80 units installed worldwide, claims the company. The stand will also feature high speed layer palletisers and robot palletisers as well as case and carton conveyor systems.

Stand 12C24

T: +44 (0) 1244 341298
E: info@ivanhoeweb.co.uk

■ Behn+Bates, represented in the UK by **Springvale Equipment**, will launch its new, open-mouth powder filling system for packing bags from 10-50Kg at up to 600 bags/hr. The system handles common bag types as well as gusseted, flat paper, PE or combinations of these. Equipped with 4 filling spouts it is possible to carry out the individual filling steps simultaneously, says the company, resulting in shorter cycles and higher output. Various closing means can be used, either separately or in combination. A bottom vibrator ensures the bags are compacted before palletising.

Stands 12D08/E07

T: +44 (0) 1420 542505
E: springvale@springequip.co.uk

Springvale gets its fill

Italian company UNIFILL, represented in the UK by Springvale Equipment, will launch two vertical form fill seal models at the show.

The TF-400 vertical ffs machine is suitable for containers ranging from 100 - 400ml, at speeds up to 200 packs/minute. The machine can be set up to produce finished

filled and capped containers, empty spouted containers or pouches. It will handle plastic containers in a thickness range from 150 - 600 microns, depending on requirements.

The TF-K, designed for lower outputs, is both cost effective and easy to operate while still maintaining the technical standards and some features of

the larger machines, says the company.

Springvale will also be available on the Langenpac stand, demonstrating a new 'entry level' CHINOOK, cartoning machine.

Unifill - Hall 8b, Stand G39; Langenpac - Hall 6, Stand D37

T: +44 (0) 1420 542505
E: springvale@springequip.co.uk

Cost-effective quality wrap

Evo-Fold, the latest addition to Marden Edwards' family of over wrappers and stretch banding machines, will be exhibited.

The new model is aimed at companies which cannot justify a high level of investment but still want a fully automatic machine producing a first quality wrap finish, says the company.

For larger products ME will demonstrate the BX200 which

offers a cost effective alternative to shrink wrapping, it says. Also on show is the TM100 designed for the cosmetics, perfume and media sectors, where an on-shelf display finish is required. Also on show is the WR400 turret style machine for high speed application.

Hall 16, Stand B25

T: +44 (0) 1202 861200
E: sales@mardenedwards.com



Evo-Fold overwrapper from Marden Edwards

SHOW BRIEFS
HALLS 14 and 15

■ **Waldner's** new technology on display will include a completely re-designed twin lane rotary filler with Elau servo drives. An 8 lane ultra-clean machine with UV cup and lid sterilisation and integrated tray packing will also be running. Another machine featured is the MultiDose vacuum assisted volumetric filler and tray sealer.

Stand 14D09

T: +44 (0) 1722 782625
E: david.pratt@waldner.co.uk

■ **Smiths Detection** will focus on its latest x-ray detection technology. The Eagle™ Pack 240 and 320 systems will be on display plus its SimulTask™ software which enables both detection and inspection for product or pack defects. The Eagle™ Trace gathers historic data from networked Eagle systems. Also featured is the x-ray tube, generator, controller which is made entirely 'in house' says the company.

Stand 14E31

T: +44 (0) 1472 349204
E: terry.woolford@smithsdetection.com

■ **Meurer**, represented in the UK by **Fords Packaging Systems**, will show a newly developed high speed flow wrapping machine -model CM/HSS 60 - designed to operate in conjunction with the CM/HSP horizontal buffer to produce brick style packs at up to 160 triple packs/minute.

Stands 15A21/B22

T: +44 (0) 1234 846600
E: sales@fords-packsys.co.uk

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Oystar marks its debut with 30 new machines

Making its debut under its new name, Oystar - the Processing and Packaging Group (formerly the packaging division of IWKA) will have more than 30 new or upgraded machines on its 2,000m² stand. Machinery on show includes:

Aerofill: The Flexipak machine now has servo drives fitted to the axes for all critical movements and a new, high output, six index version of this model is now available for speeds up to 160 cans/minute.

A+F: An addition to the Set-line family of cup feeding and packing systems features a new sorting function, plus a stand-alone pick and place machine.

These will work in tandem with a new aseptic version of the **Hamba** Flexline machine for pre-made cups, which seals 2 x 8 cups/cycle for both stirred and firm yogurt products.

It has speeds of between 31,000 -36,500 cups/hour for doses between 100-500ml.

Benhil has developed the Multipack 8000 high performance wrapping machine for butters, lards and pastry products between 100-500g. The machine features a new 'leak-free' product feeding and dosing system and is one of the highest output machines available.



Oystar Manesty's new AccuSpray technology for pharmaceuticals

Erca-Formseal will unveil its 4 x 6 cup format form, fill, seal machine, the EF400, with capacity of around 40,000 cups/hour. Features include an in-mould labelling device and centralised control system.

Gasti will exhibit its new Combiseptic 81 cup filler which is now of modular construction making it easier to integrate more dosers for multilayer and twister filling, says the company.

IWK will launch a cartoning machine, the SC5, for low/intermediate outputs. It has a modular design for versatility and a reduced footprint.

The FeedCell is a new universal feeder system for cartons,

while the B5 is an 'entry level' blister machine for applications outside the pharmaceutical sector as well as in it, says the company.

Manesty will show new technology for the surface treatment of tablets which greatly reduces the quantity of excipient magnesium stearate added by applying a lubricant film. This enables products of greater purity and fewer changes of characteristics in processing, says the company. The reduced force needed to eject the tablet from the die can increase tool-life, says Manesty. **Hall 6, Stand C80**

T: +44 (0) 151 547 8000
E: info@oystar.manesty.com

Mondini goes for Evolution

Mondini will introduce a new generation of tray sealers using its Evolution range of machines as a design base.

The EVO has a smaller footprint, an easier PC-based interface system and easier access according to the makers. The changes will allow food producers to utilise factory space more efficiently, reduce changeover, cleaning and

maintenance times and require less operator training, says Mondini. Tray sizes can be changed without the need to reset all the upstream equipment.

Other equipment, such as checkweighers, labellers, lidders and double sealing stations can be integrated easily.

Also featured on the Mondini

stand will be the Evoluzione automatic lidding machine with changeover times on top and bottom tools of under 10 minutes, says the company. A wide range of tray sizes can be accommodated in a variety of pack formats, including inside cut, outside cut and skin packs.

Hall 14 Stand C11

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E: sales@gmondini.co.uk

SHOW BRIEFS HALL 15

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■ Bilwinco, represented in the UK by **Ancholme Machinery**, will focus on hygiene, flexibility and capacity, says the company. The BW128W is a machine specially designed for wet products; it can weigh wet or frozen foods in portion sizes from 50 to 500g at up to 260 portions/minute. All machine components are IP67 rated. The filling tool on display, for dividing weighed portions into thermoformed containers, can be fitted with a new attachment which is a tray dispenser and carrier able to handle trays of varying shapes and sizes up to 120 trays/minute.

Stand 15C37

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Ultrasound improves sealing and validation for flow-wraps

Ultrasonic sealing for flow-wrapping is being launched by Japanese machinery manufacturer Fuji. Claimed to be the first of its type, it gives more reliable sealing under difficult conditions and makes validation easier.

Fuji says it provides a solution to pack leaks due to contamination such as crumbs, or liquid by 'cutting' through the contamination to weld both surfaces of the film securely together. It gives a reliable

hermetic seal on the heavier gauge laminates used in modified atmosphere packaging and also allows low cost single layer films to be handled more readily, claims Fuji.

Fuji is also unveiling a vacuum infeed for its flow-wrappers, aimed at allowing food manufacturers, particularly bakeries, to achieve a shelf life comparable to thermoformers, but at lower cost and higher throughput. It involves removing

air not only from around the product but also any pockets of air trapped within the product. This lowers the residual oxygen much further than the conventional modified atmosphere systems employed in flow-wrappers.

Hall 8B, Stands E58/G57

Represented in the UK by Paramount Packaging Systems
T: +44 (0) 1252 815252
E: fuji@paramount-packaging.co.uk

'Six of the best' from TNA

Unveiling 'Six of the best', TNA will show developments for its robag® and roflo® ranges of vertical form, fill, seal machines and associated equipment.

The company will highlight its new jaw sealing technology, designed to create flexible bag formats, such as Quattro or block bottom bags. The technology delivers more sealing time, while maintaining speed.

A new all stainless steel robag®, for fresh and frozen

foods will be on the stand, as will a special confectionery model with integrated scale and date coder, plus a twin configuration version.

The latest roflo® distribution and accumulation system will be on show and finally new software which will allow customers to take full advantage of improvements in machine integration technology.

Hall 17, Stand A28

T: +44 (0) 121 628 8900
E: mktg_euro@tnasolutions.com

Snapshot

Autosort MCE from Radix fits over a line conveyor carrying a single or two files of product.

The system uses MC (multichromatic) 'Snapshot' technology, inspecting four parts of the spectrum, including infrared. Radix can allow 20 or 30 lanes on a multi lane biscuit line to be inspected simultaneously and individual defects removed from 10,000 items/minute.

Hall 4, Stand 4D53

T: +44 (0) 1794 830240
E: info@radixsystems.co.uk

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■ **Ishida Europe** will showcase the company's expertise in automation, safety and quality control systems. Central to this will be a line solution which focuses on end of line pack handling processes and quality control. A weighing and tray sealing solution for frozen or fresh products will also be demonstrated which features a CCW-R series multihead weigher and a QX-1000 tray sealer. Benefits, says the company, are reduced manning levels and maintenance and 'close to zero' downtime. Also on the stand will be two high speed snack food packing systems, additional x-ray machines, including the latest IX-GA65100 for larger products at high speeds and two of the new range of screw feed weighers.

Stands 15A25/B38

T: +44 (0) 121 607 7700
E: info@ishidaeurope.com

Health and indulgence

Baker Perkins will introduce a new range of processing equipment to help manufacturers of confectionery, snacks and cereals tap into the health and indulgence markets, while still maintaining production of more traditional lines.

Baker Perkins will feature an interactive Product Forum with an array of samples, where customers can discuss their ideas, and explore Baker Perkins' capability with the company's food technologists.

Concepts will cover fruit snacks, hard candy and lollipops, jellies and gums, toffee and fondants, as well as snacks and ready-to-eat cereals.

Visitors to the stand will be able to see how Baker Perkins' process technology provides the link between the end products and the production line equipment.

A deposited fruit snack is a new concept being shown for the first time.

Products can be 100 per cent fruit and contain no

added sugar. The Servogel process is used, but it can still make conventional jellies and gums.

Other new concepts include production of shredded, expanded and cracker snacks with greatly reduced levels of saturated fats and salt. Whole-grain and multigrain products in this range are based on the Twin Screw Extruder. For the biscuit industry the EM390 rotary moulder is new to the European market. Machines for the production of breakfast cereals will also be demonstrated. **Hall 2, Stand A03**

T: +44 (0) 1733 283000

E: bpltd@bakerperkinsgroup.com



Confectionery concepts



Filling at speed

Matcon will demonstrate its new Powder-Packer system which allows powders to be packed in bags, sacks or drums direct from IBCs.

The system uses VariStroke technology, with cone shaped valve discharge and self-learning software, to handle both free-flowing and cohesive powders. A typical loading speed for a 25Kg sack is 30 to 90 seconds with accuracy between 50 - 200g depending on product. The equipment also features a sack gripper or drum support system. **Hall 11, Stand G54**

T: +44 (0) 1608 651666

E: marketing@matcon.co.uk

SHOW BRIEFS
HALL 16

■ **Sepha** is launching a new sachet leak tester for single or multiple non-porous sachets. Packscan is clean, dry and non-destructive, claims the company and is a fully validatable alternative to the Methylene 'Blue Dye' test. The system will inspect up to four large sachets simultaneously, each pack measuring up to 250x80x20mm and it can detect leaks as small as 10 microns, says Sepha.

Stand 16E47

T: +44 (0) 28 9048 4848

E: info@sepha.com

■ **Uhlmann** will be celebrating its 60th anniversary during interpack by showcasing 4 packaging lines including a new, high performance blister machine, the B 1660 MTI. It will work in tandem with a cartoner and stretch bander as well as a new feeding unit, the SimTap 3 and an integrated track and trace system.

Stands 16B23/D24

T: +44 (0) 1252 743120

E: info@uhlmann.co.uk

■ Among the many machines representing **Optima's** turnkey capabilities will be a new continuous 4 edged bag sealer for flat products. The Medicon brand machine, suitable for wound dressings and other sterile items, which can be packed and removed particle-free, is available in two designs. One can be installed into a converting machine while the other is a stand alone module.

Stands 16D35/E35

T: +44 (0) 5602 588242

E: info@optima-gb.com

Pack-n-Snax for multipacks

AMP Rose will celebrate its 30th anniversary during 2008 and will use interpack to showcase several new machines, including the Pack-n-Snax horizontal form, fill, seal machine.

The machine collates individual consumer packs of 6 or 12 into retail multipacks. A claimed advantage is that the machine uses 30 per cent less packaging than the previous vertical packaging machines. Robotic feeding systems can be supplied to automatically feed the machine.

Shelf-space in supermarkets is reduced by almost 50 per cent says AMP Rose. Typical products handled by the machine are crisps, biscuits, extruded snacks, and popcorn.

Also on the stand is its Belt

Coating machine for nuts, dried fruits, fondant and toffee centres with chocolate. Said to provide high production rates on a small footprint and accurate and efficient coating, the machine frame is manufactured from stainless steel and other food grade materials.

An automatic weighing and



Pack-n-Snax horizontal form, fill, seal machine

filling line for jars/tubs comprising product feeding, 'multi-head' combination weighing, and automatic jar feeding and filling is also on show. Optional features are on-line labelling and coding, and lid placement and sealing. **Hall 3, Stand C36**

T: +44 (0) 1427 611969

E: andrewm@amp-rose.com

Worker gets it together

Unveiled on the Aetna Group stand will be its Robopac WORKER robot and a horizontal stretch wrapping line with an innovative film cutting solution.

Robopac Sistemi will exhibit two different cold-packaging technologies with stretch film mounted on a single line. The HELIX HS40/2 double rotating arm winder will wrap two half

pallets separately. These will then be wrapped together by a new ROBOHOOD F hooding machine.

Sistemi will also introduce the new Genesis Futura 8 ring pallet wrapper, which stabilises delicate loads.

Dimac will launch its easy to operate and robust single roll shrink wrapper, featuring a

"LASER" sealing bar. This medium/low rate machine is capable of producing up to 25 packs/minute. It has a small footprint and very few change parts. It is claimed to be much more effective than a reciprocal beam wrapper.

Hall 12, Stands E24/F37

T: +44 (0) 1234 825050

E: johnm@aetnauk.com

High-tec expertise at the double

CAMA Group is exhibiting in partnership with PFM Group to demonstrate their combined expertise in primary and secondary packaging lines for the baking and confectionery sectors.

High-tech packaging lines and high speed packaging machines from CAMA will include an electronic sleeving machine packing 250 pots/minute and a wrap-around case packer for sponge cakes at a speed of 25 cases/minute.



Triaflex Delta Robot

CAMA will also exhibit the SPS high speed line for chocolate and cereal bars, capable of speeds up to 800 bars/minute.

The baking industry will find a PFM vertical form, fill, seal wrapper which can operate at speeds up to 120 bags/minute linked to a continuous motion cartoning machine by the new CAMA 'Triaflex' Delta robot.

Hall 13, Stands D33/E32

T: +44 (0) 1793 831111

E: cama3@camagroup.com

PiP portfolio across four halls

The UK's Partners in Packaging (PiP) four principals will be introducing a range of new equipment.

Dienst-Vepatec (**Hall 6, Stand B74**) will show a low profile version of its proven HK4 servo-driven end load cartoner.

Capable of handling cartons from small non-food cartons at 400/minute to large cereal cartons at 250/minute, the HK4 will be shown with the ICS independent carrier system for pressureless handling and automatic loading from bagging and wrapping machines.

Etipack (**Hall 12, Stand A34**) will demonstrate a high speed empty tube labelling system for tubes used primarily in the personal care and cosmetic sectors. Equipped with a bulk hopper for the "blank" tubes, the labeller can handle up to 200 tubes/minute.

The machine utilises an 8-station rotary wheel to transport, control and rotate the tubes, and is available with verification and reject system to ensure only "good" products continue to the filler.

New from B&B-MAF (**Hall 17, Stands A54/B51**) will be the PACTIV slider applicator for top zippers, with moulded end clips and end stops, for ready made pouches and gusseted bags.

Finally Hastamat (**Hall 15, Stand A41/A55**), a new member of the PiP portfolio, will exhibit high speed vertical form, fill, seal machines, particularly suited for stick shaped snack products.

T: +44 (0) 1706 369000

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SHOW BRIEFS HALL 17

■ **Kliklok Woodman** will exhibit several new machines. The Vari-Straight is the latest top load carton former and closer with innovative variable pitch technology, providing 'lugs on demand' for maximum carton control. The CELOX end-load cartoner incorporates the latest servo-driven technology. Other features include advanced diagnostics, performance monitoring and a patented 3-arm rotary carton feeding mechanism. **Stand 17A44**

T: +44 (0) 1275 836131

E: m.tatum@

kliklok-woodman-int.com

■ The CW3, **Loma Systems** new check-weigher will make its debut at Dusseldorf. It is compact and versatile, says Loma, and can be engineered to suit individual applications and will also fit into most existing conveyor systems. The IQ3+ metal detector system is also on show and is claimed to have high resistance to vibration, electrical interference, case distortion and thermal shock. Other equipment on display includes the IQ2 Free Fall metal detector and the X4 X-ray machine. **Stand 17C52**

T: +44 (0) 1252 893300

E: sales@loma-cintex.com

■ **Endoline** is launching new models for its Standard range of case erectors and sealers. These include pre-set, fully automatic machines, plus details of its bespoke System range and the new Versapack case sealer/erector. **Stand 17B04**

T: +44 (0) 1767 316422

E: sales@endoline.co.uk

Speedy coffee pod dosing system

Coffee pods for modern coffee machines are now a common sight and IMA will be showing off its CA3 modified and controlled atmosphere system which can pack coffee into both hard and soft pods, heat seal in an outer protective envelope and load into cartons at speeds of 250 pods/minute.

The machine includes an advanced system for dosing and compressing the coffee in the pods to provide precise dosing, says IMA.

The pod production cycle is controlled via the introduction of nitrogen into a protective hood, where humidity and temperature are constant to guarantee best product quality, says the company.



IMA's CA3 dosing system

IMA will be exhibiting some 25 machines and complete lines for processing and packaging including applications for

pharmaceuticals and cosmetics. **Hall 16 Stand D13**

T: +44 (0) 1789 767330

E: hotdesk@imauk.co.uk

Sleevit fast and slow

Sleevit, part of Turpins Packaging Systems, will exhibit its SLM integrated sleeve applicator. Featuring servo-driven motors and advanced PLC controls, it produces full body decorated sleeves for a variety of container shapes. It runs at speeds up to 200 packs/minute.

The new Sleevit Lite Applicator will also be displayed. It offers a cost effective, reliable solution for tamper evident applications at lower speeds, says the company.

Hall 13, Stand D75

T: +44 (0)1255 423402

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Sleevit Lite Applicator