

Exhibitors at Interpack 2014

Windmüller & Hölscher participates at Interpack

Windmüller & Hölscher is an internationally leading manufacturer of flexible packaging machinery and equipment. The product line encompasses blown and cast film equipment, flexographic and gravure printing presses, machines for surface finishing and processing of paper, films and woven plastic fabrics, as well as FFS (Form-Fill-Seal) packaging systems.

New TOPAS SL

Windmüller & Hölscher displayed the TOPAS SL which is the youngest model of Windmüller & Hölscher's comprehensive machinery program for the commercially efficient bagging of free flowing bulk solids. The output is high, more than 2,600 sacks per hour – which makes it the currently fastest line of its kind in the world – and to its exceptional operational efficiency, the TOPAS SL has met with international success.



New Wide-Web VISTAFLEX

VISTAFLEX C, the top model of Windmüller & Hölscher's range of CI printing machines, seen and demonstrated live to visitors from the trade at W&H in-house EXPO at Lengerich headquarters, organized on May 8 and 9 as well as 12 and 13.



Outstanding print quality at speeds of up to 800 m/min as well as extremely short job change times, also with large size print designs enabled by the innovative VISTA-PORT robot handling system, are the features that make the VISTAFLEX CX a unique system when compared to other presses. Ambitious printers are capable of completing more than 20 job change-overs

New development and advances to the circle of full-range providers in FFS technology

Having added the PLATINUM layer palletizer as well as the ARGON stretch hood machine to its FFS product line, Windmüller & Hölscher is now in a position to offer the technology for the complete process chain, from the silo discharge point to the ready-to-ship pallet. The customer will now deal with only one project partner, who takes the complete undivided responsibility for the project. The palletizer output is up to 2,800 sacks per hour, which matches the production capacity of the high-speed TOPAS SL brought to the market last year, takes Windmüller & Hölscher to a top position as regards productivity development.



IndraDrive Mi: Entirely cabinet free and modular

Rexroth is entirely reallocating the complete drive technology from the cabinet to the machine with decentralized supply and mains modules. The company Gerhard Schubert GmbH is consequently

implementing this decentralized approach and presented the first cabinet free packaging machine in the world at the fair interpack 2014.

GEA Food displays its Technologies at Interpack

GEA Food Solutions specializes in performance-focused solutions for the food industry, from single machines to complete production lines for the preparation, marination, processing, slicing and packaging of primarily meat, poultry, fish, seafood and cheese-based products. GEA Food Solutions supports the performance of food processors throughout the lifecycle of the equipment by helping meet operational challenges such as product variety, process flexibility, reducing the cost per kilogram and per pack, food safety and the environment.

GEA introduces slicing technology

GEA Food Solutions has expanded its proven product portfolio by adding new and advanced technical developments in the area of slicing machines including

New GEA blade technology

The new generation of GEA blades is impressive both in terms of its up to 40% enhanced durability as compared to the current design and a longer blade service life. Combined with reduced grinding cycles this produces a demonstrably higher output thus resulting in lower operating costs.

GEA OptiScan technology

The GEA OptiScan is an optionally multi-lane pre-scanner system which virtually looks into the product and uses X-ray technology to make a precise determination of the density distribution

GEA GigaSlicer with Interleaver

GEA GigaSlicer in our product portfolio, a high-performance slicer equipped



with an extremely large cutting cross-section of 640 x 210 mm. With this it is possible, for example, to slice sausage products six times calibre 105 mm or cheese logs on edge four times 110 x 165 mm

GEA Power Pak for every capacity

With four operational thermoformer configurations on its 1000 m2 stand at Interpack, GEA Food Solutions showcased its extensive range of GEA PowerPaks including

Competitively-priced entry level model

The GEA PowerPak family starts with the compact GEA PowerPakST, a competitively-priced entry level model that makes the quality and performance of these class-leading thermoformers available to a wider range of businesses.

A thermoformer for medium to high volume packaging

The GEA PowerPakRT is the thermoformer that covers the diverse requirements of medium- to high volume packaging. Due to the wide range of functional modules that are available for heating, forming, sealing and cutting this machine can be easily adjusted or modified.

Thermoformers for medical packaging

The GEA Tiromat thermoformer configurations for medical applications are showcased with a GEA PowerPakXT packaging tick tweezers in a transparent bottom film with a medical-grade paper top web.

The thermoformer is constructed using plug-and-play functional modules, which can be easily combined as required to meet specific customer requirements.

GEA PowerPick line converger

The GEA PowerPick is an intelligent out feed system that features automated

single pack rejection and other productivity-related innovations. It is fully integrated into the GEA PowerPak control system and ensures accurate single lining of filled packs at the outfeed of the packaging machine.

GEA SmartPackers

GEA Food Solution's displayed Interpack three GEA Smart Packer vertical form-, fill and seal machines. There was also a demonstration of ultrasonic sealing of thin (30 micron) OPP film bags, smart tools to eliminate human error, machine enhancements that increase speed performance and a multi-purpose configuration.

A GEA SmartPacker CX 400

A GEA SmartPacker CX 400 is the launch platform for GEA's innovative sealing technique that is particularly beneficial for PE film bags in Individually Quick Frozen (IQF) applications. The new design eliminates breakdown-sensitive components that may cause unplanned interruptions, thus increasing the uptime performance.

A GEA SmartPacker CX 250

A GEA SmartPacker CX 250 (continuous motion) is set up to demonstrate the multi-purpose capabilities of this versatile vertical form-, fill- and seal packaging machines. It handles seven bag formats ranging from basic pillows (at 250 bags per minute) to Doystyle pouch formats (at 100 bags per minute).



GEA Traysealers

GEA Food Solutions displayed proven and comprehensive packaging concepts for attractive product presentation with GEA Traysealer models.

GEA TwinStar®9

the GEA TwinStar®9 traysealer offers efficient and customised packaging solutions for wide range of products, e.g. fresh meat, ready meals, salads, confectionery or sliced products. A highly flexible configuration makes it possible to produce greatly varied and visually attractive forms of packs on this machine. Its maximum format length of 970 mm is up to 120 packs per minute.



Baumer Group displaying Equipments at Interpack

The Baumer Group is an international leading manufacturer and developer of sensors, encoders, measuring instruments and components for automated image-processing. Baumer combines innovative technology and customer-oriented service into intelligent solutions for factory and process automation and offers a uniquely wide range of related products and technologies. Baumer displayed the following technologies at Interpack.

Web interface made even better – VeriSens Software 2.4 with new functionalities

Baumer VeriSens vision sensors have displayed its latest 2.4 software of the VeriSens Application Suite

Software update 2.4 provides an even further enhanced user interface for more convenient touch operation. Enlarged buttons and short info texts on the related feature checks support the user who often is confronted with small-sized operating panels.

The LX series – new high-resolution CMOS cameras

New LX series has expanded Baumer's portfolio with cameras featuring high-resolution CMOSIS sensors and Dual GigE interface.

The smallest 20 MP GigE Vision camera currently available enables cost-efficient system integration.

They are the ideal solution for applications with demanding requirements on high-definition quality in image acquisition at high throughput.

U500 expands the range of the Baumer NextGen sensor portfolio

Baumer has expanded its portfolio of NextGen sensors to include the new series U500 ultrasonic sensor as ultrasonic sensors provide the coverage needed when optical sensors reach their limits.

The ultrasonic sensor offers several advantages over photoelectric sensors. The measuring principle makes it possible to detect transparent, high-gloss and multicolored objects in solid and liquid form

HEUFT SYSTEMTECHNIK GMBH showcases its innovative solutions

HEUFT SYSTEMTECHNIK GMBH is the technology leader with regard to quality assurance when filling and packaging drinks, food and pharmaceuticals. This quality philosophy keeps the global HEUFT group on a dynamic course of growth.

Locations in 14 different countries and a comprehensive network of service bases and agencies on all five continents meet the huge worldwide demand for the products which are manufactured exclusively in Germany.

HEUFT SYSTEMTECHNIK GMBH is showcased innovative solutions for increased precision and operational reliability during the in-line inspection of food and pharmaceutical products at the interpack 2014 exhibition in Düsseldorf which are as follows.

The HEUFT SPECTRUM II

The HEUFT SPECTRUM II represents the start of the fourth industrial revolution for in-line inspections in a self-



explanatory, highly automated and even more precise manner. The HEUFT SPECTRUM platform has revolutionised quality assurance for filling and packaging lines.

The HEUFT NaVi

HEUFT NaVi makes the user intervention more effective and simple. Personalized and focusing on what is essential the menu structure of the graphical touchscreen user interface is extremely flat, organized and self-explanatory. Contextual messages, tools and assistants inform the user step by step what has to be done when, where and in which order.

The HEUFT SPECTRUM II VX

The HEUFT SPECTRUM II VX Detects the quality defects of freshly filled food, pharmaceutical and beverage containers and pinpoints the causes at an early stage. The system checks the fill level, the closures and the labels of up to 140,000 containers per hour.

The HEUFT e-mono

It is the ideal solution for hygienically sensitive pharmaceutical or aseptic lines and wherever the installation of a pneumatic container rejector is not economical. The new HEUFT e-mono manages completely without expensive compressed air.



Stäubli Robotics

Stäubli is a mechatronics solution provider with three dedicated divisions: textile machinery, connectors and robotics. With a workforce of 4000, Stäubli has a presence in 25 countries and agents in 50 countries around the world.

H1-lubricant

H1-lubricants are not only required for machines and facilities in the food and animal feed industry but also prove themselves in demanding applications in the medical and pharmaceutical industry. Food oil needs to be used for all robot

applications, when occasional contact with the product is technically unavoidable.

Schneider Electric Automation

Schneider Electric Automation with its main offices Marktheidenfeld/Germany and Lahr/Germany is part of the Schneider Electric global Industry business. With its departments Machine Solutions, Drives and Strategy Technology Schneider Electric Automation is globally responsible for developing and manufacturing hardware and software products for automation solutions in machine and plant construction. In particular Schneider Electric Automation places an emphasis on the development of solutions for packaging machines, pumping, hoisting and HVAC.



Stäubli into Schneider Electric's PacDrive

Stäubli will demonstrate at Interpack how its 4-axis and 6-axis robots can be seamlessly integrated into Schneider Electric's PacDrive-based automation solutions. PacDrive is one of the most successful automation solutions for modern, servo-driven packaging machines, and is also making increasing inroads into the Handling sector.

Ammeral Beltech displays its new conveyor belt

Ammeraal Beltech is a global belting company that supplies belting components, services and solutions for processing and conveying products. "Ammeraal Beltech is a globally operating solution provider in the conveyor belting industry. Their innovative & complete product



portfolio is focused on generating maximum client benefits.

Peak PTFE and silicone-coated belts

Ammeraal Beltech unveiled its new Peak PTFE and silicone-coated belts. The belts are capable of conveying bakery industry and other food products through ovens at working temperatures up to +260°C or via freezing chambers at cryogenic temperatures as low as -70°C.

The Peak belt range is suited not only for use in traditional baking with flour-based products such as croissants and biscuits, but also for press-baking products, such as tortillas and pizza bases, as well as open-flame baking items, including pita and piadina breads.

ZACMI Food and Beverages

The company was founded in 1954 by Mr. Giuseppe Zanichelli, and has been on the market since then with its ZACMI trademark. A high level automation is a feature of Zacmi equipment (SCADA systems, integrated systems for processing control, after-sale service through modem and internet, etc.) thus guaranteeing a perfect management. The following machine were displayed by ZACMI

Rotary ValvePiston Filler

This valve has been designed for the filling of liquid or thick pumpable products, with or without suspended solids, such as tomato paste, jams, ketchup, and mayonise etc.

Food and Beverage Seamers

The seamers are pre disposed for the insertion of the D.S.M. device (Zacmi patent) that guarantees the instant steam control on each can. These are available in various

models and suitable to seam cylindrical tin plate, aluminium, cardboard and plastic containers with "Open Top", "Easy Open" or "Easy Peel".

Vaccum Seamer

Zacmi has expanded its product range with the construction of a 6 head Vaccum Seamer which can achieve high production speeds i.e. 600 container per minute on the 84 mm diameter.

European Bioplastic

Founded in Germany in 1993 as IBAW, European Bioplastics today represents the interests of around 70 member companies throughout the European Union. With members from the agricultural feedstock, chemical and plastics industries, as well as industrial users and recycling companies, European Bioplastics serves as both a contact platform and catalyst for advancing the objectives of the growing bioplastics industry.

Bio Plastic packaging solutions for the Market

Rigid packaging

Rigid bioplastics applications are available e.g for cosmetics packaging of compact powders, creams and lipsticks as well as beverage bottles.

Service packaging

Food service packaging is another large growth segment. It includes cups, plates, cutlery, and carrier bags. The entire product spectrum can be made from bioplastics

Flexible Packaging

Henkel unveils innovation at the interpack trade fair

Henkel was founded in 1876 and holds globally leading market positions both in the consumer and industrial business with well known brands such as Persil, Schwarzkopf and Loctite. Henkel operates with leading brands and technologies in 3 business areas including Laundry and Home Care, Beauty Care and Adhesive

Loctite Liofol LA7777 series

Loctite Liofol LA7777 series is a group of new solvent free laminating adhesives for flexible food packages and is one of the examples of extra low migration adhesives



Aquence XP190

Aquence XP190 are labelling adhesives which help to protect from strong temperature fluctuations and high humidity by preventing the label from detaching from the bottle in ice water or when condensation water forms.

Technomelt Supra 100

This is a new record breaking hotmelt for the packaging industry. Featuring all the known positive aspects of the proven supra product series. It has a processing temperature of 100 degrees Celsius. It has a wide range of application in case, tray and carton bonding.

ECONOPACK

ECONO-PAK GmbH was founded in 1985. It has been known as one of the leading manufacturers of packaging machines. They provide their customers with packaging machines and complete lines including conceptual design, project planning and installation on site from one company. They also design, develop and manufacture comprehensive and customized packaging machines and lines for the food and non-food sector. ECONO-PAK carries out the entire project management including matching of interfaces. ♦

