

The new dimension in thermoforming packaging: X-line from MULTIVAC

MULTIVAC is redefining thermoforming packaging with its X-line. The machine manufacturer from the Allgäu region is showing at interpack 2017 for the first time a highlight, which sets a new benchmark in the market thanks to a whole series of innovative and unique technology features. As a result of its seamless digitalisation, comprehensive sensor system and networking with the MULTIVAC Cloud, the X-line creates a new dimension, when it comes to packaging reliability, quality, performance and future-proofness.

MULTIVAC Pack Pilot enables the machine to be set up to the optimum level using machine control support. When new recipes are created, the machine parameterises itself to the optimum operating point, using the die set data and the features for pack, product and packaging material that have been selected. This means that the machine can be used even without special operator knowledge. Pack Pilot has access to comprehensive expert knowledge, which benefits from process data from over 1,000 new packaging solutions per year. The X-line produces packs with maximum packaging reliability, consistent quality and very high output without production loss during machine start-up. This leads to significant savings as regards product, packaging materials and production time.

The X-line has a level of sensor control never achieved before, whereby the Multi Sensor Control captures all the relevant parts of the process. Using closed control circuits, the sensor system constantly captures a wide range of process values, such as for example for forming, evacuation and sealing.

Even the forming and sealing dies are integrated into the sensor control via electronic sensor modules. All the process stages are coordinated to the optimum level, while product- and system-related discrepancies are automatically compensated as much as possible, and even faulty settings by operators are independently detected and displayed. Thanks to Multi Sensor Control, the X-line works constantly at the optimum operating point. ♦



Buhler SORTEX Technology meets food safety standards in snack, seeds & popcorn market

SORTEX technology is playing an important role in the success of one of Europe's leading nut and seed snack processors, as it continues to expand in the private label sector and with its own, widely recognized "Mogyi" brand and sub-brands such as its recently launched Caramoon caramel coated popcorn, Gastropop savory popcorn, and flavored sunflower seeds. Mogyi Kft. attributes its growth to its ability to adapt to customer needs and maintaining exemplary food safety standards, underpinned by advanced processing technology.

Originally launched in 1990, with just five staff and one small processing line Mogyi Kft now operates four production plants and eight subsidiary companies around Europe and sells into more than 25 countries.

A significant part of Mogyi's achievements are a result of adhering to strict quality assurance systems and investing in the latest plant technology.

Mogyi has used optical sorters for more than 20 years, originally installing the technology



for its sunflower seed hulling facility. As standards have progressively become more rigorous, Mogyi has invested in more sophisticated technology to consistently meet exacting food safety and quality standards.

Bühler has spent over 70 years designing its own dedicated algorithms in-house. And it is these unique optical sorting algorithms that help deliver the best yield for popcorn processors. Furthermore Bühler's propriety

camera, Profile and InGaAs technologies work in harmony to efficiently target color defects, misshapen products and foreign material," he explains.

All SORTEX machines are built and configured according to the needs of our clients, and equipped with the necessary features to meet customer requirements. Processors are turning to Bühler for its advanced cleaning solution, which includes the pioneering SORTEX optical sorting technology, so that they can reduce aflatoxin levels in maize to meet the required safety standards set for animal feed and human consumption.

Sulzer at EASA 2017

Sulzer will showcase its servicing rotating electromechanical equipment at the Electrical Apparatus Service Association (EASA) 2017 convention in Tampa, Florida. Visitors will be able to talk with Sulzer experts on Stand 425.

Sulzer focuses on delivering high quality, turnkey electromechanical solutions to end users of rotating equipment on short lead times. Sulzer can support producers and repairers with its high voltage coil manufacturing capabilities, as well as its full motor and generator rewinding services.

The motor and generator rewinding services offered by Sulzer can accommodate all variants of low to high voltage motors, whether AC or DC, almost regardless of size. Sulzer's global network of service centers offers end users a maintenance facility for 24-hour support.

Highlights on the Sulzer stand will include a commutator, for which Sulzer offers full service support with an emphasis on providing precision maintenance to safeguard efficiency.

This year's EASA convention will build on decades of gathering delegates and exhibitors from around the world to engage and discuss the latest developments and trends shaping the industry. The convention will be held at the Tampa Convention Center, with thousands expected to take advantage of the forums, workshops and networking opportunities on offer.

SIDEL announces FDA approval

The Sidel Aseptic blow fill seal solution is the world's first aseptic PET filling equipment with dry preform sterilisation approved by FDA. It has recently received Food and Drug Administration (FDA) approval for its Aseptic Combi Predis™ FMa blow fill seal filler following tests run at a dairy customer in North America. This means that the Sidel Aseptic Combi Predis FMa PET filler is validated for low acid manufacturing and commercial distribution in the United States market. "We are particularly proud of this FDA acceptance", explains Guillaume Rolland, Sensitive Products Director at Sidel. "It confirms our Aseptic Combi Predis design is compliant with the FDA's current Good Manufacturing Practice (cGMP) requirements." This FDA approval officially qualifies the Sidel aseptic solution with dry preform sterilisation technology to produce and distribute shelf-stable low acid products in PET bottles for the US market.



The Process Authority for the Sidel aseptic filler was Dover Brook Associates (DBA). DBA applied their 30 years of professional experience in sterile processes to validate the scheduled processes of the Aseptic Combi Predis. Using a scientific-based approach of specific tests and acceptance criteria, DBA was able to prove that the scheduled processes were in

compliance with the predicate rules and expectations of the FDA so that the equipment could produce a commercially sterile low acid product.

The successful completion of this extensive and exhaustive evaluation process confirms the performance of the other 100 Combi Predis lines in operation worldwide. Sidel's key accounts, along with co-packers and local brands, have been manufacturing low and high acid products using PET line applications for nearly 10 years. This regulatory acceptance demonstrates how the Sidel patented technology is 100% safe for the packaging of UHT milk, soymilk, coconut water, or teas in PET bottles, sold through the ambient chain market in the US and the rest of the world.

Sidel's reputation is built on a long history and experience with sensitive products: 40 years in aseptic beverages and dairy bottling solutions, more than 35 years in PET packaging and 50 years in blowing. Sidel was a pioneer in preform sterilization, allowing the first production of PET bottles for UHT milk on a Sidel aseptic Combi with this dry preform sterilization technology in 2002. With its proven and patented solution, Sidel Predis, Sidel continues to enjoy a leading position in sensitive beverages and liquid dairy production technology. Sales of Sidel Predis have grown steadily as companies throughout the world have recognized the benefits it offers: safety and simplicity, cost-effectiveness, no water and use of very few chemicals (offering significant environmental advantages). ◆

