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PROCESSING & PACKAGING
7^{TO} 13 MAY 2026
DÜSSELDORF





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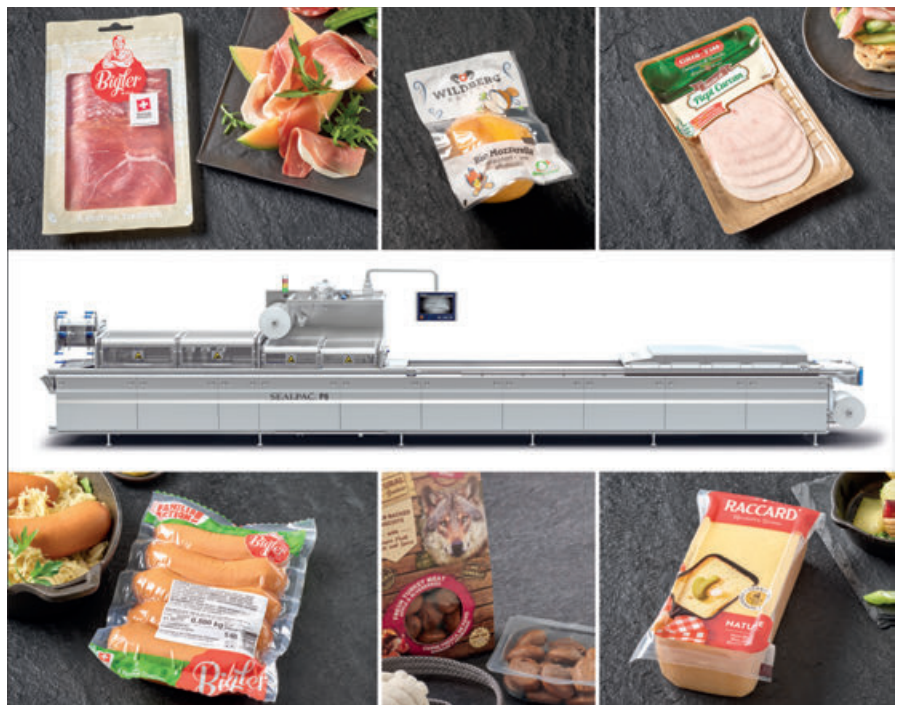
SEALPAC at Interpack 2026 – It's all about your costs: how to reduce packaging costs permanently

Rising energy prices, scarce resources, severe cost pressure, and a shortage of skilled workers: packaging lines are more central to business decisions than ever before. At Interpack 2026 in Düsseldorf from May 7th to 13th, under the motto "It's all about your costs", SEALPAC will demonstrate how smart investments in modern traysealers and thermoformers can quickly pay off.

SEALPAC, the German machine manufacturer and packaging expert, designs and produces its machines with a consistent focus on total cost of ownership. The decisive factor is not the purchase price, but what happens over the equipment's lifespan: energy consumption, material usage, uptime, maintenance costs, and flexibility, especially now to comply with the European PPWR legislation. At Interpack 2026, SEALPAC will show how its traysealers and thermoformers, all made in Germany, put this into practice at its newly designed stand D19 in Hall 5. The focus of the trade fair presentation will be on three solutions designed for a rapid return on investment.

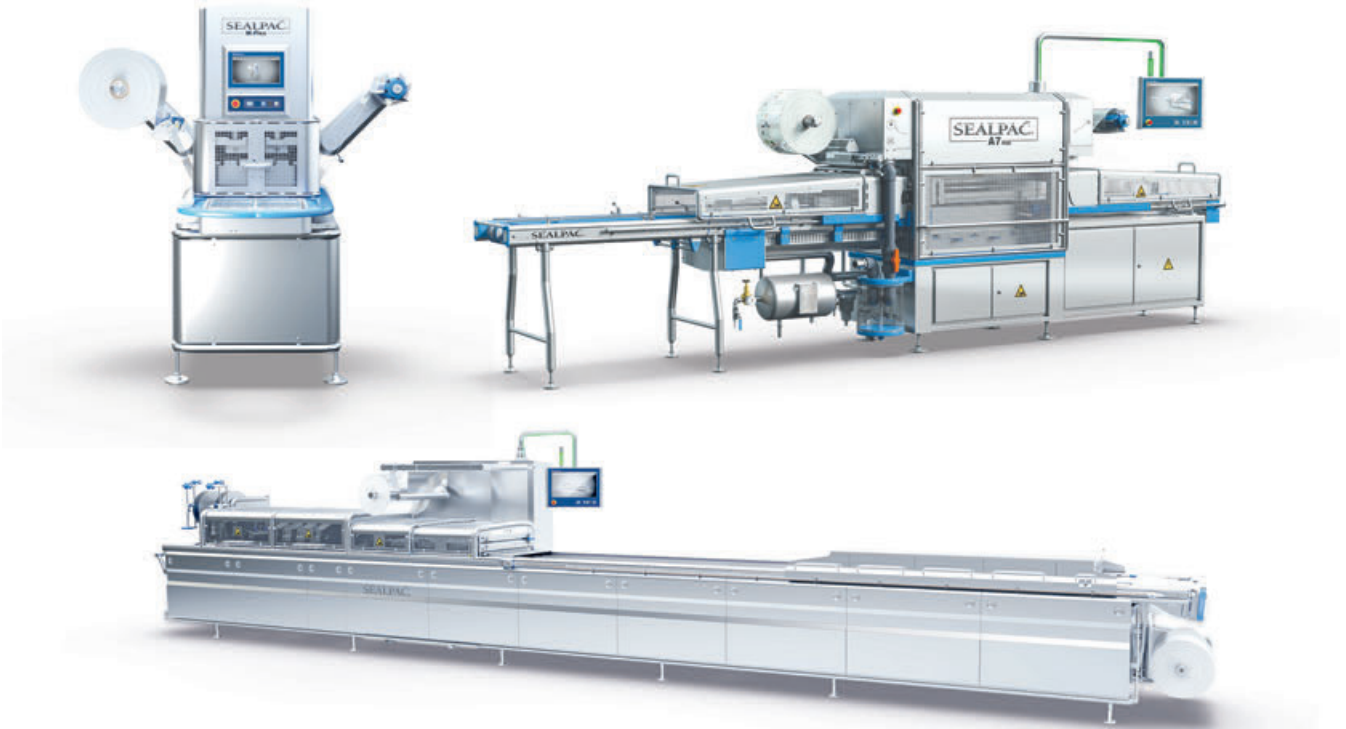
Right: The F-series thermoformer is designed to handle modern, recyclable, and mono-materials without any headaches.

Below: Combining an Amax-series traysealer with a SEALPAC denester allows for reliable, PPWR-compliant packaging.



SEALPAC A7max traysealer: cost reduction through maximum line efficiency

With its all-round A7max traysealer, SEALPAC addresses the latest trends in materials. The A7max is designed to reduce packaging costs in daily production, for example during setup, downtime, and low machine utilization. The machine handles various tray formats, film materials, and packaging concepts, including resource-saving solutions like ultra-light, hybrid, or mono-material trays. It features the fastest tool changeovers in its segment, thus supporting frequent product changes. Users benefit from reliable processes and a high degree of flexibility in material selection, enabling the smooth implementation of PPWR-compliant solutions. In Düsseldorf, the A7max will be shown in double-lane execution, hence demonstrating SEALPAC's ability to combine high output with maximum flexibility at lowest cost per tray. Furthermore, it will be presented in combination with SEALPAC's MA-S 800 denester, which allows for fully synchronized denesting and packaging at highest speeds. Interesting fact: this denester requires no technical connections other than electrical power. On the line, SEALPAC will show a brand-new, mono-PET tray, supplied by Bliston Packaging. This tray is 100% mono, so does not contain any PE, and has a patented sealing edge, which ensures a hermetic seal with a top film of only 35 microns, despite any contamination. This is crucial when packaging proteins, such as poultry products, fresh meat, Ω or



Picture 3: All of SEALPAC's traysealers and thermoformers share the common goal of achieving the lowest total cost of ownership.

seafood under modified atmosphere.

SEALPAC F6 thermoformer: uptime as a decisive cost factor

Availability was key in the design of the high-performance F-series thermoformer range. Features such as automatic film alignment, automatic chain tension correction, and continuous process monitoring reduce manual intervention and minimize unplanned downtime. Its modern hygiene concept, with an easy-to-clean design and simplified maintenance, also contributes to efficiency. The unique film and tooling quick exchange systems on the F-series are likewise designed for continuity: film reels and forming or sealing tools can be replaced with minimal effort. This not only accelerates the changeover process but also makes it safer for operators. At the same time, optimized energy and air consumption reduce ongoing operating costs. The combination of high process reliability, maintenance-friendly design, and reproducible output ensures that the F-series thermoformer quickly pays for itself, especially at high production volumes.

SEALPAC M-Flex traysealer: cost control for smaller production volumes

The semi-automatic M-Flex traysealer demonstrates SEALPAC's cost-effectiveness in applications with smaller production batches and limited floor space. Short start-up times and simple operation reduce downtime and personnel costs, for example, in small-scale businesses. The M-Flex allows for the economical implementation of modern packaging concepts, including FlatSkin® with varying dome heights. As such, the M-Flex offers an efficient solution for companies with small

production runs that want to keep their packaging costs under control.

All of SEALPAC's machines share the common goal of achieving the lowest total cost of ownership. They manage the thinnest possible films and trays, have exceptionally low air and energy consumption, require minimal maintenance, and feature extremely fast tool changes. This significantly reduces the cost per pack. In many applications, they therefore amortize considerably faster than conventional packaging machines.

SEALPAC's supermarket: packaging innovations that inspire

Another highlight at the SEALPAC stand will be the Supermarket of Innovations, where the latest trends and developments in modern packaging solutions from international markets are presented by means of actual customer products. Highlights for 2026 include innovative concepts from the convenience sector that will particularly appeal to a trend-conscious consumer base. The focus is on inspiration and practical application, and, also here, on how cost efficiency can be combined with highest quality appearance.

"At Interpack 2026, we are demonstrating that efficiency does not come from individual features, but from the interplay of all components," emphasizes Marcel Veenstra, Marketing & Communications Manager at SEALPAC. "Our goal is to make packaging processes stable and economical, so that investments easily pay off. That is what makes our packaging solutions truly future proof."

SEALPAC is exhibiting at Interpack 2026 in Hall 5, stand D19.

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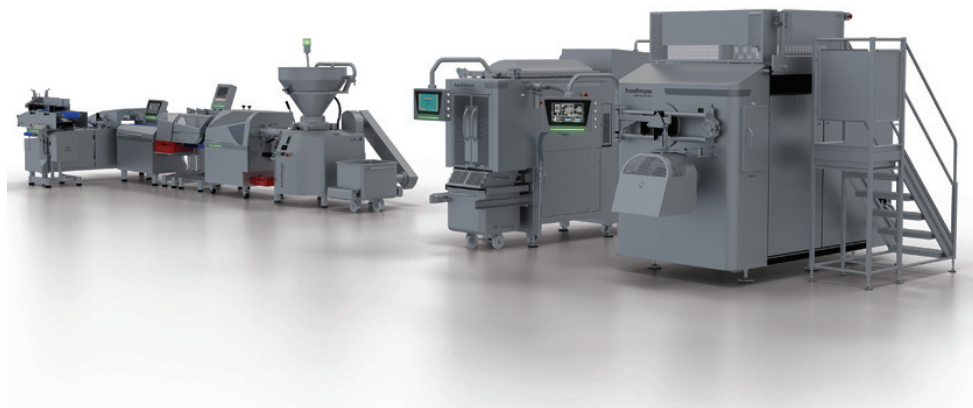
**It's all about
your costs**

Handtmann at Interpack 2026 with complete solutions for food production

Handtmann will be presenting modular production systems for the manufacture of food products including meat and baked goods, dairy products, convenience and alternative proteins, pet food, and non-food items at Interpack in hall 5, booth B37. The portfolio covers product preparation with Handtmann Inotec technology as well as flexible processing solutions, and packaging interfaces for trays, cans, cups, and thermoformed packaging. In addition, Handtmann delivers customized projects with tailor-made end-to-end solutions based on open interfaces to upstream and downstream processes.

At the booth, fully automated and digitally supported solutions for formed or dosed products and sausages will be demonstrated. These cross-process systems cover every step: from product preparation (grinding, mixing, emulsifying), to processing (portioning, dosing, forming, linking, and co-extruding), all the way to diverse handling options such as collating, underleaving, denesting and loading into various packaging solutions.

Handtmann's line expertise is also reflected in a high-quality, integrated design that incorporates process-supporting features such as LED status indicators and notifications. These practical use cases facilitate efficient control of the entire process. All production solutions are networked via the Handtmann Communication Unit software solution, allowing visitors to experience smart food production live at the booth.


Ideas for the future.

<https://www.handtmann.com/processing>

Handtmann showcasing line solutions in new integrated line design at interpack 2026

The next issue of
Innovations in Food (& Bev) Processing & Packaging
is out in July 2026
The deadline for features and advertising is July 7

Key Technology presents new equipment at interpack 2026

Key Technology (Key), a member of the Duravant family of operating companies, will showcase a variety of food processing and packaging solutions alongside its sister companies PPM Technologies and Multiscan at interpack Hall 6 / B73. Delivering advanced optical sorters, specialized vibratory conveyors and other process automation systems, Key helps customers improve food safety, optimize product quality, increase yield, reduce labor and enhance line efficiencies.

“interpack draws processors and packers from every major market, and across all of them we’re hearing the same priority: more operational value without added complexity,” said Robert van Dorst, Managing Director, Key – EMEA/Asia. “Our portfolio is built around exactly that, grounded in decades of application expertise, equipment engineered for minimal operator intervention and a global service team that supports customers wherever they operate.”

At the show, Key is introducing ADR[®] X, its next-generation automatic defect removal system for identifying and precisely trimming defects from wet potato strips to recover more usable product and increase yield. Building upon the field-proven technology of Key’s previous-generation ADR systems, ADR X features multi-channel sensing with advanced LED lighting and strobing technology, improving the detection of challenging defects and enabling more accurate trimming decisions. A redesigned mechanical architecture eliminates activity above the product stream, integrates clean-in-place capability and positions critical parts for easy access to support sanitation, simplify maintenance and maximize uptime.

Also on display will be Key’s COMPASS[®] belt-fed optical sorter. Featuring multi-channel sensor data and multi-wavelength strobing to generate up to eight channels of inspection data, COMPASS can deliver detection capabilities comparable to laser-based sorters but without mechanical scanning components, which simplifies day-to-day configuration and adjustments, lowers long-term operating costs and



New ADR X automatic defect removal system from Key Technology

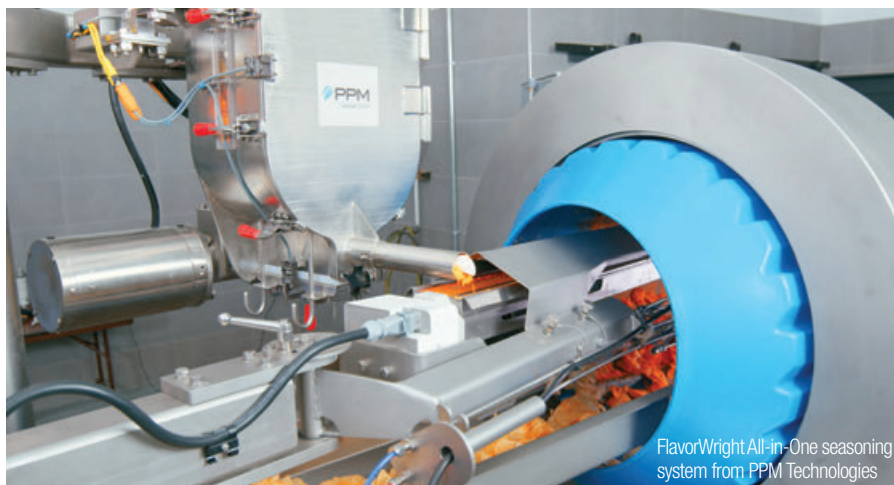
offers a strong return on investment. Ideal for wet, sticky and delicate products such as potato chips and leafy greens, the horizontal belt configuration ensures gentle product handling even at high throughput. Recipe-driven operation, simplified controls and an open sanitary design help processors achieve consistent performance while reducing training requirements, cleaning time and maintenance.

Additionally, Key will present its Impulse[®] vibratory conveyor, designed for processing and packaging lines that require precise product metering with minimal maintenance. Impulse shakers start and stop quickly to deliver accurate flow for mixing, ingredient feeding and scale feeding applications. Magnetic drives eliminate sliding or rotating parts, reducing wear and helping

ensure long service life, while oil-free operation and IP65-rated enclosures support food safety and reliable performance in harsh production environments.

PPM Technologies is showcasing its new Gen 3 FlavorWright[®] All-in-One[™] seasoning system, a compact, portable solution that combines liquid and dry seasoning in a single plug-and-play unit. Designed for snacks, nuts, cereals, frozen foods and more, the system achieves consistent coating with fast setup and intuitive operation. New features in the Gen 3 model include enhanced drum magnets for high-capacity applications, improved safety and wiring design, a stainless-steel drum option and additional upgrades that expand flexibility while maintaining safe, reliable operation in continuous production environments.

Multiscan will exhibit its MXV-PACK 4015 X-ray inspection system for products packaged in boxes, trays, bags and other formats. Utilizing high-resolution UHD X-ray technology, the system detects dense contaminants that are difficult to identify with conventional inspection methods. Designed to handle formats up to 400 mm (15.7 in) wide and 150 mm (5.9 in) high, the MXV-PACK 4015 provides accurate inspection across a wide range of product and package types.



FlavorWright All-in-One seasoning system from PPM Technologies

With its neXt system architecture, Syntegon is presenting a holistic concept for the “Factory of the Future”

At the upcoming interpack show, Syntegon is presenting the Factory of the Future. In this context, the strategic lifecycle partner to the pharmaceutical, biotech and food industries is showcasing neXt, the next evolutionary stage in its packaging solutions. NeXt is not intended to be a single machine platform, but instead an integrative automation solution that combines machines, seamless operating concepts and AI/data-based decision support in an operational ecosystem. As such, this innovation is fully in line with Syntegon’s focus on seamless, innovative and lifecycle solutions.

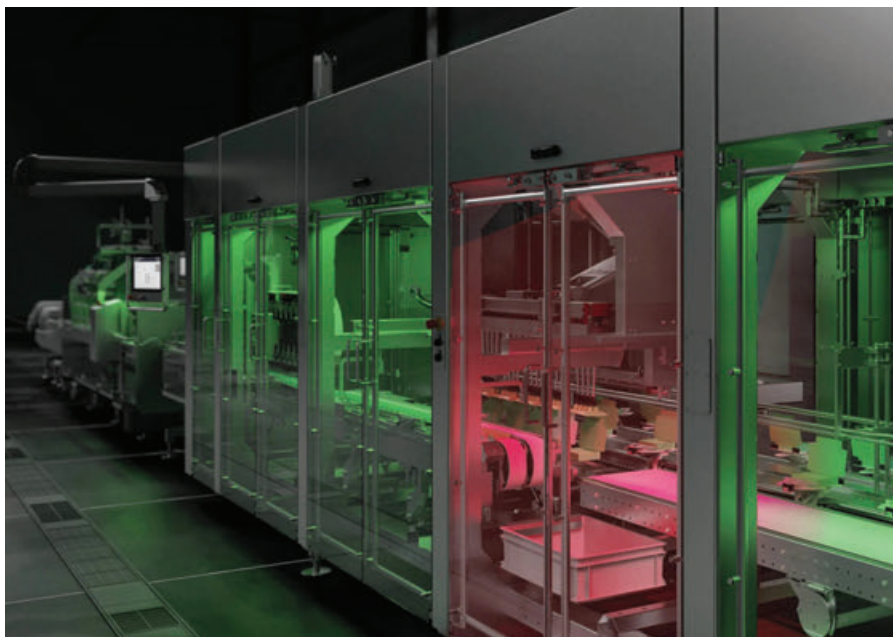
The Syntegon HFX for flow-wrapping and the Syntegon TRX for topload cartoning are two key neXt system components. Syntegon demonstrates how flexibility, efficiency and operator independence can be successfully achieved in an increasingly complex production environment.

Addressing the industry’s most pressing challenges

The food industry is under enormous pressure to change. Non-stop rising costs, an acute shortage of qualified operators, increasing safety and compliance requirements, as well as an ever-growing variety of package sizes and styles are all shaping everyday life in production halls. Production lines need to be quick to change over, intuitive to operate and as independent of manual intervention as possible. This is exactly where the intelligent neXt system architecture comes in, with three clear guiding principles: Seamless Operation, Smart Decisions and Touchless Automation.

Seamless Operation: Seamless processes, minimal downtime

Seamless operation is synonymous with end-to-end, seamless processes across all



Above: Seamless Operation: Guide-by-Light is one example of seamless processes. It allows operating personnel to keep track of the status of all lines at all times, even from a distance.

Below: Smart Decisions: Quick, targeted decisions based on real-time data reduce downtime. Optimal data availability on the new MyHMI and mobile devices.

machines integrated into the neXt system architecture. Uniform operating philosophies, harmonized interfaces and a standardized format change concept ensure that operators can immediately find their way around any system, sources of error are reduced, and set-up times are significantly shortened.

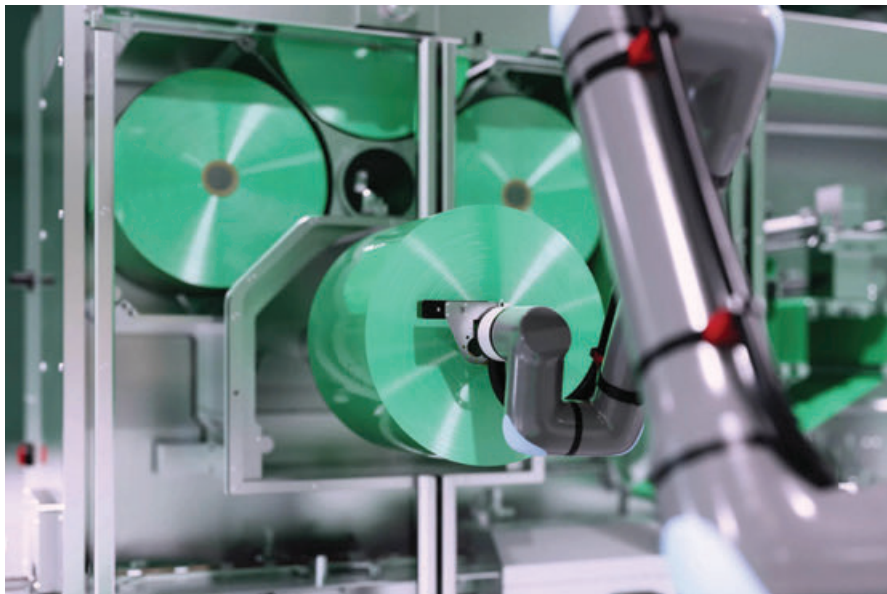
In the case of the new TRX topload cartoning platform, these guided or automated processes enable format changes to be carried out in just ten minutes, while significantly reducing the number of format parts. This minimizes downtime, reduces investment costs for new formats and makes everyday work easier, especially for less experienced operators. Training costs can be significantly reduced – a decisive advantage in times of scarce human resources.

Smart Decisions: Data-based transparency in real time

The second pillar, Smart Decisions, brings data intelligence to the packaging line. As part of the operational system, neXt links networked machine platforms with software solutions such as the cloud-based Synxio, machine-based Logbook functions or 3D error views.

Camera and AI-based quality controls, automatic error detection and status monitoring ensure transparency in terms of productivity, quality and efficiency. This enables operators to monitor line status remotely and respond more quickly to deviations. This results in fewer unplanned downtime, less waste and higher overall equipment effectiveness (OEE). Production managers can make informed decisions – based on data, quickly and in a way that is precisely targeted.





Touchless Automation: Manual interventions are reduced to a minimum and non-value-adding tasks are consistently automated. This enables long, uninterrupted machine running times.

Touchless Automation: More autonomy, less manual intervention

Syntegon takes things one step further with Touchless Automation. Within the neXt system architecture, manual intervention is reduced to a minimum and recurring, non-value-adding activities are consistently automated.

For example, autonomous material supply systems take over the provision and insertion of film reels or cardboard blanks. Autonomous mobile robots (AMRs) supply the machines independently, while high-performance splicing systems in flow-wrapping enable uninterrupted operation. Packaging lines can therefore run for hours without operator intervention. This reduces the workload on staff and increases availability, while freeing up time for truly value-adding tasks.

Two new machine platforms as building blocks of the system architecture

To mark the launch of neXt, Syntegon is presenting two new modular machine platforms that are fully integrated into the intelligent system architecture: the HFX flow-wrapping platform for primary packaging and the TRX topline cartoning platform for secondary packaging.

Both platforms are modular in design and serve as key building blocks within the operational neXt ecosystem. They are retrofit-capable and designed for long-term scalability. New functions, digital features or additional automation modules can also be easily integrated at a later date.

As a strategic lifecycle partner, Syntegon supports its customers throughout the entire lifecycle of their packaging lines. Flexible Service Agreement packages – from preventive maintenance concepts to comprehensive performance assurance, including spare parts and defined response times – ensure maximum availability, predictable costs and long-term value enhancement of the investment.

PPWR-ready and energy-efficient

This all makes the neXt system architecture a future-proof investment that also delivers impressive results in terms of sustainable production strategies: energy- and waste-reducing technologies increase resource efficiency, while the flexible processing of different packaging styles and

PPWR-compliant materials gives manufacturers new scope for implementing regulatory requirements.

This is how Syntegon combines economic performance with ecological responsibility – and with neXt, sets a clear example for a high-performance, flexible and sustainable Factory of the Future.

SYNTEGON

<https://www.syntegon.com>

Syntegon is a leading global technology company and strategic partner to the pharmaceutical, biotech, and food industries. With a strategic focus on the growing pharmaceutical and biotech sectors, the company plays a vital role in global healthcare, providing in-depth process expertise and mission-critical technologies for the safe, efficient, and compliant production of essential medicines. In the food sector, Syntegon is recognized for high-speed, high-precision packaging solutions, drawing on unique engineering excellence to help manufacturers improve performance and product quality. Its global service business supports about 75,000 installed systems with a comprehensive lifecycle offering, ensuring uptime, efficiency, and long-term value.

In fiscal year 2024, Syntegon generated 1.6 billion euros in sales. Headquartered in Stuttgart, Germany, the company employs 6,900 people at 47 locations in more than 20 countries. With over 160 years of industry expertise, Syntegon delivers solutions that make a real difference, helping people live better, stay healthier, and trust the products they rely on every day.

WPO to host the 115th Board Meeting, Working Groups meetings and WorldStar Awards ceremony at interpack

The World Packaging Organisation (WPO – <https://www.worldpackaging.org>) will play an active role at interpack 2026, the world's leading trade fair for packaging and processing, taking place from 7–13 May 2026 in Düsseldorf, Germany. Bringing together the Executive team and 54 members representing 38 countries, WPO will host a series of high-level meetings, working group sessions and the prestigious WorldStar Award Ceremony 2026, reinforcing its mission of advancing innovation, collaboration and knowledge exchange across the international packaging community.

A central highlight of WPO's participation will be the 115th WPO Board Meeting, which will gather representatives from member organizations around the world to discuss strategic initiatives shaping the future of packaging. The meeting will follow a full program of executive and working group sessions designed to address key industry priorities such as sustainability, education, governance and marketing within the global packaging ecosystem.

The WPO program begins on 6 May 2026 with an Executive Meeting, attended exclusively by WPO Executives and Ambassadors. On 7 May, the organization will hold parallel sessions of its Sustainability & Save Food and Marketing Working Groups in the morning, followed by the Governance and Education Working Groups in the afternoon, creating a platform for collaboration among the Groups' leaders the members from different associations.

One of the most anticipated moments of the week will be the WorldStar Award Ceremony 2026, scheduled for the evening of 8 May 2026. The unique ceremony will celebrate the most outstanding packaging innovations from around the world, recognizing excellence in design, functionality, sustainability and technological advancement. The WorldStar Awards remain the most prestigious global recognition in packaging, highlighting solutions that demonstrate how packaging contributes to efficiency, product protection and environmental responsibility. Tickets need to be acquired in advance at Worldstar.org.

The WPO activities will culminate on 9 May 2026 with the full-day 115th Board Meeting, led by the President, Luciana Pellegrino. The strategic discussions will focus on strengthening WPO's activities through partnerships and the active engagement of its members around the world. "Our goal is to increasingly position WPO as the global voice for packaging, while ensuring that our members feel truly part of this journey. A significant share of my efforts as President is dedicated to supporting WPO's growth through governance, to strengthen WPO's partnerships worldwide having the chance to raise the voice for packaging in different stages as COP and WCEF, and to foster greater interaction among packaging professionals around the world, as per the Online Courses and the launch of Pack't Forum, a collaborative digital platform open for packaging professionals and experts across the globe to interact and support each other – ", explains Luciana. <https://www.packagingforum.org>



From Concept to Shelf: Comexi empowers brand owners with Ready-to-Market sustainable packaging applications at interpack

Comexi, a global leader in flexible packaging machinery, arrives at Interpack (Stand 8A F54) with a disruptive message for Brand Owners: sustainability is no longer a cost, but a driver for industrial efficiency. By integrating advanced printing, laminating, and slitting and laser ecosystems, Comexi enables the creation of innovative packaging that reduces CO₂ footprints and VOC emissions while improving the bottom line through optimized design and energy-efficient production.

Strategic Seminar: The 4th Sustainable Packaging Showroom

A cornerstone of Comexi's presence is the 4th edition of the Sustainable Packaging Showroom, taking place on May 11. Running from 10:00 am to 5:00 pm, the event features a high-level technical block from 2:00 pm to 5:00 pm in Hall 10, room 10.1.

This seminar will move beyond general concepts to focus on tangible industrial advantages: solvent-free processes, VOC (Volatile Organic Compound) reduction, and energy efficiency. Experts from Comexi and industry partners will discuss how these factors, integrated both into machinery design and the packaging structure itself, drastically reduce the environmental impact of the final product while enhancing cost-competitiveness.

Innovation in Action: 4 Premier Examples of Efficient Sustainability

While Comexi will display a vast array of solutions, these four applications highlight how sustainable design can lead to material and economic savings:

- 1. Cost-Efficient Recyclable Pet Food Packaging:** This innovative pouch is made from a recyclable BOPP monostructure.
 - Printed using water base inks for a High-quality Solvent Free printing featuring a high-definition graphics.
 - It eliminates the need for expensive plastic zippers by using a horseshoe-shaped opening created with COMEXI LASER technology.
 - The closure is maintained through a resealable BOPP label, which enhances ergonomics.
 - This design increases production speed on packaging lines and provides significant material savings for the packager.
- 2. Monolayer Efficiency via Hybrid EB Flexo:** This recyclable PE monomaterial and monolayer solution achieves a lower CO₂ footprint thanks to the use of Flexo ElectronBeam inks, while at the same time reduces the production costs as it eliminates the lamination process entirely.
 - This project, made in collaboration with Coveris showcases how changing the



structures we can make a recyclable packaging (ALL PE) in a sustainable way (Reduction of Solvent use with EB inks) and at lower total cost (Changing one lamination process by an OPV applied direct on the CI).

- The superior properties of EB inks provide and excellent visual featuring strong colors and high-definition highlights, while the EB varnish provides the surface protection for the inks. The required barrier properties are provided by the Coextruded PE structure.
 - It features an easy-open system, showcasing Comexi's versatile laser that works efficiently across both extrusion and monomaterial lamination without needing separate equipment.
- 3. Paper-Based Packaging (FREEcure):** For brands transitioning to paper, Comexi presents a surface printing solution powered by EB (Electron Beam) & FREEcure technology, printed in Offset CI Technology.
 - The inks and varnishes are photoinitiator-free, for use in food packaging
 - It offers high opacity white and an excellent color gamut at high production speeds without trapping issues.
 - The offset technology is compatible with both paper and films.
 - Project made in collaboration with Lecta, IST and Sunchemical
 - 4. Circular Detergent Pouches with 40% PCR:** This MDOPE + PE monomaterial pouch is designed for recyclability.
 - It demonstrates that incorporating over 40% recycled resin from household waste does not require a sacrifice in shelf appeal.
 - Printed with Offset CI technology, it offers a sustainable solution ready for European

standards that remains competitive in cost while offering the best high-definition aesthetics.

- The pouches are presented in two versions: one is reverse printed and laminated, and the other is just a printed surface on the same structure.
- Project made in collaboration with Dow, Mespack and Reifenhauser

A Holistic Approach to Circularity

These applications are only a glimpse into the extensive range of sustainable solutions Comexi will present, including functional coatings, solvent-free lamination, and variable data coding for total traceability. A major highlight for brand owners seeking high-recycled content is Comexi Slitting's latest solution: by integrating ESI's EB (Electron Beam) technology directly into the slitter, the process enables crosslinking that improves the surface resistance of the PE materials.

Comexi's technology is engineered to minimize waste and energy consumption. For brand owners, this means achieving sustainability targets without compromising the performance or the visual identity that defines their products on the global stage.

Visit Comexi at Interpack: Stand 8A F54. Special Event: 4th Sustainable Packaging Showroom (May 11, Hall 10, Room 10.1).



<https://www.comexi.com>

PakTech to demonstrate how brands can future-proof packaging with fully recycled, fully recyclable multipack solutions at interpack 2026

PakTech, a global designer and manufacturer of sustainable secondary packaging solutions, is set to return to interpack 2026 to show how brands can meet two of the major industry priorities: durability and sustainability. At Hall 7A, Booth B02, visitors are invited to explore the company's high-performing, fully recycled and recyclable high-density polyethylene (rHDPE) multipack handles for beverage, food, health and personal care applications. At the exhibition, PakTech will also highlight application systems that optimise production efficiency and deliver consistent performance on the line.

A smarter view of plastic

In an industry where strength and reliability are non-negotiable, PakTech is encouraging manufacturers, co-packers, and brand owners to take a data-driven approach to packaging materials. At interpack, the company will demonstrate the advantages of rHDPE across durability, cost-effectiveness and circularity. Its multipack handle solutions maintain structural integrity throughout the humid and temperature-variable conditions typical of European supply chains, while providing the strength required for heavy loads. This results in fewer product failures in transit - such as damaged units and unsellable stock - helping manufacturers minimise waste and ensure items reach consumers in perfect condition, ultimately safeguarding brand reputation. Visitors will also see how the handles' minimalist, customisable design allows primary packaging and branding to shine, while also reducing excess material use and associated costs.

For co-packers looking to optimise their production lines, PakTech will spotlight the CCA 120/180 and MicroPak can carrier applicators, advanced equipment engineered to apply the company's handles at high speed. The CE-certified CCA 120/180, for example, can process up to 120 6Pak and 180 QuadPak cans per minute. Both systems can also be built to meet specific production requirements, offering maximum flexibility.

Circular packaging: be part of the solution

At this year's exhibition, PakTech is connecting the performance advantage of its handles with sustainability outcomes. Produced from 100% post-consumer recycled HDPE and fully recyclable themselves, these solutions support circular economy and maximise the use of post-consumer recycled materials. This approach is already delivering measurable impact: over a billion gallon-sized milk jugs (≈4 litres) have been recycled into PakTech products since 2020, and 160+ million pounds of plastics (≈72.5 million kilograms) have been diverted from landfills and



oceans. These material advantages are reinforced by Life Cycle Assessment (LCA) data demonstrating that rHDPE has a two to five times lower carbon footprint than paperboard carriers and cartons.¹ Together, these attributes position PakTech as a strategic partner for brands looking to close the loop on plastic.

"Today, the European regulatory landscape is undergoing a significant shift as the EU Packaging and Packaging Waste Regulation (PPWR) comes into force, requiring brands to meet ambitious recycled content targets for 2030,"² comments Keenan Hoar-Perez, International Sales Manager at PakTech. "Our focus at interpack is on showing visitors how we can help them strengthen their circular economy efforts without compromising on operational efficiency. To do so, we offer durable recycled handles and automated in-line application systems that help optimise performance on the packaging line, all while protecting products and the planet."

For more information about PakTech, or to request a meeting with the team at interpack 2026, visit:

<https://info.paktech-opi.com/interpack-2026>

References:

- 1 Sphera. (2023). PakTech Beverage Packaging Comparative LCA Report.
- 2 EUR - Lex. Regulation (EU) 2025/40 of the European Parliament and of the Council of 19 December 2024 on packaging and packaging waste, amending Regulation (EU) 2019/1020 and Directive (EU) 2019/904, and repealing Directive 94/62/EC (Text with EEA relevance). <https://eur-lex.europa.eu/eli/reg/2025/40/oj/eng>.



PakTech is a global designer and manufacturer of sustainable secondary packaging solutions, specialising in injection-moulded multipack handles made from 100% recycled high-density polyethylene (rHDPE). The company has pioneered the use of reclaimed HDPE plastic to produce fully recyclable handles and automated application equipment for the food, beverage and consumer goods industries.

For over 30 years, PakTech has served global CPG brands and emerging markets with innovative packaging solutions. Headquartered in Eugene, Oregon, USA, the company also operates manufacturing and warehouse facilities in Australia and a distribution warehouse in the Netherlands to support its international reach. In Europe, PakTech currently services customers in 13 countries, reinforcing its commitment to reliable global coverage and responsive, region-specific support.

Advancing glass sealing for modern packaging demands

As sustainability targets tighten and consumer expectations evolve, packaging is no longer judged solely on its ability to protect. Today, it must also deliver on recyclability, convenience and regulatory compliance, without compromising performance. Nowhere is this shift more visible than in the renewed momentum behind glass packaging, and the parallel need to modernise how it is sealed.

Traditionally, induction heat sealing has been associated with plastic containers, valued for its ability to deliver a cost-effective, hermetic seal. However, as glass continues to gain traction across food, beverage and personal care markets, the technology has been refined to meet a new set of material and regulatory challenges.

Packaging trends shaping the market

The packaging landscape is being refined by a convergence of sustainability targets, regulatory pressure and rising consumer expectations. Packaging is no longer viewed as a passive barrier; it is now expected to actively support product integrity, safety and user experience.

Features such as tamper evidence, freshness assurance and ease of opening have moved from value-adds to baseline requirements. At the same time, manufacturers are balancing those expectations with the need to reduce material usage, improve recyclability and demonstrate compliance with increasingly detailed legislation.

Several key directions are shaping innovation across the sector. Reuse and refill models are gaining traction as brands look beyond single-use formats, while developments in modified atmosphere packaging (MAP) continue to extend shelf life in more sustainable ways. Material reduction remains a priority, driving minimalist



design approaches that eliminate unnecessary components without compromising performance.

Digitalisation is also playing a growing role. From smarter sorting systems to packaging design for improved recyclability within existing infrastructure, technology is being used to close the gap between design intent and real-world recovery.

For producers, the challenge is not to add complexity, but to deliver packaging that meets these overlapping demands efficiently. As a result, solutions that combine proven performance with

clear sustainability and regulatory alignment are increasingly in focus.

Why is glass gaining ground?

Glass has re-emerged as a preferred material in this context, driven by its strong sustainability credentials and consumer perception. Infinitely recyclable and widely accepted within established waste streams, it aligns well with both regulatory frameworks and brand positioning strategies.

Market data reflects this continued demand; the global glass packaging sector is projected to grow at a compound annual growth rate (CAGR) of 3.29%Mark, reaching approximately USD 29.55 billion between 2024 and 2033. This steady growth underscores glass's resilience despite the competition from lightweight alternatives.

The sealing challenge

Yet while glass performs well environmentally, it presents distinct technical challenges, particularly when sealing liquid, oil-based or particulate-rich products.

Historically, steam vacuum capping has been the dominant solution for glass containers. While effective, it is energy-intensive, relatively slow and can result in closures that are difficult for consumers to open. In addition, it offers limited flexibility for modern high-speed production environments.

Production formulation further complicates matters. Substances with high oil or fat content, or those containing volatile compounds from spices such as pepper, nutmeg or clove, can migrate into the sealing area. This contamination interferes with seal integrity, increasing the risk of leakage or failure.



A shifting regulatory environment

Alongside these technical hurdles, regulatory expectations have become more stringent. Earlier approaches often deemed packaging compliant if no leakage occurred under standard conditions. Today, requirements are rigorous.

Under frameworks such as Commission Regulation (EU) No 10/2011, materials used in food contact applications, including sealing adhesives, must demonstrate sustainability across a wider range of conditions, including exposure to fatty substances and variable orientation during transport.

This has significant implications for induction sealing on glass. Not all adhesive systems historically used with liners are compatible with fatty or oil-based products, meaning previously accepted solutions may no longer meet compliance standards.

As a result, manufacturers must ensure that all sealing components – not just the container and closure- are validated for their intended application.

Refining induction sealing for glass

To address these challenges, induction heat sealing technology has been further developed for glass applications. At its core, the process remains the same: a foil-based liner is inserted into the cap and bonded to the container rim through electromagnetic induction.

The critical difference lies in the adhesive system. Glass requires a specialised bonding layer capable of overcoming inert, non-porous surfaces while maintaining performance in the presence of oils, fats and volatile compounds.

One example is Selig's GlassFuze™ heat seal technology, designed specifically for glass containers. When combined with liner systems such as DELTASEAL™, Uni-Gard™ or Lift 'n' Peel™, it provides a hermetic seal while meeting the requirements of EU food contact regulations.

The structure typically consists of an aluminium foil laminated with a heat-seal polymer. During induction sealing, the foil heats rapidly,

Selig's GlassFuze™ technology forms part of its, DELTASEAL™ liner system, engineered specifically for glass container applications. The liner incorporates a polymer layer laminated between foil and backing materials. During induction sealing, this layer bonds directly to the glass rim, creating a hermetic seal that remains intact even with high oil, fat or spice content products.

On opening, the foil remains on the container to provide tamper evidence, while the closure retains a secondary reseal liner. The result is a combination of product protection, regulatory compliance and improved consumer usability.



activating the polymer layer to form a bond with the glass rim. This creates a secure seal without the need for steam-based processes.

Performance and user experiences

Beyond compliance, these systems also address longstanding usability concerns. Unlike traditional vacuum caps, induction-sealed glass closures can be engineered for easier opening while still delivering clear tamper evidence.

For example, two-piece liner systems can produce an audible indication upon first opening, while leaving a foil seal on the container and a secondary reseal liner inside the cap. This supports both product integrity and consumer confidence.

Equally important is visual presentation. Modern liner technologies are designed to leave a clean, residue-free finish, maintaining product aesthetics after opening, an increasingly important factor in premium and retail-driven categories.

Looking ahead

Plastics will continue to play a central role in packaging, particularly where weight, cost and flexibility are critical. However, glass is firmly re-establishing itself as a material of choice where sustainability perception and product differentiation are key.

Advances in induction sealing are helping to remove one of the material's historic limitations. By enabling reliable, compliant sealing across a broader range of product types, including those with challenging formulations, these technologies are making glass a more viable option for modern production lines.

As the industry gathers at Interpack the direction of travel is clear: innovation is no longer about adding complexity, but about refining existing processes to meet evolving expectations. In that context, the evolution of glass sealing is less a breakthrough moment than a necessary step forward.

To find out more about GlassFuze and DELTASEAL, visit Selig at Interpack, Hall 7, Level 1, Stand B06



<https://www.seliggroup.com>

Selig Group is a leading global provider of innovative sealing and venting packaging solutions for food and beverage, healthcare, personal care, chemical and industrial, and wine and spirits markets. The company's products are designed to serve customers' needs for ensuring freshness, providing packaging integrity, extending shelf life, providing tamper evidence, expanding in e-commerce, and protecting brand identity. Selig is headquartered in Schaumburg, Illinois, USA with manufacturing locations in North America, Europe, and Asia and distribution locations worldwide.

For more information on Selig's global capabilities and solutions, visit www.seliggroup.com





Futamura to showcase next-generation cellulosic film solutions at interpack 2026

At Interpack 2026, stand 8a E16, Futamura will highlight its latest cellulose film developments, demonstrating how renewable and compostable materials can support brands seeking practical alternatives to conventional plastics. Visitors to the Futamura stand will be able to explore several innovative applications based on the company's well-known NatureFlex™ compostable film technology, which provides excellent functionality with a viable end-of-life, without compromising on technical performance.

Futamura is a leading global manufacturer of cellulosic materials, including renewable and compostable NatureFlex™ and Cellophane™ films, casings, non-wovens and microspheres. NatureFlex™ films are produced from renewable wood pulp (>90% based on ASTM D6866), harvested from responsibly managed plantations and meet all the relevant standards for industrial composting, including EN13432, ASTM D6400 and AS4736. They are also certified for home composting according to the OK Compost Home protocol, to the French standard by Din Certo and to the Australian home composting standard AS5810. NatureFlex™ films are also EU and FDA direct food contact approved.

Find out more about the compostable liquid sachet solution!

Single-serve liquid sachets are widely used across food, beverage and personal care sectors, but they are often difficult to recycle due to their small size, product contamination and multi-layer construction. Futamura have partnered with Repaq to produce a certified compostable liquid sachet solution based on renewable cellulose film.

Designed to deliver the necessary barrier performance for liquids while maintaining certified compostability, the sachets can help brands reduce reliance on conventional fossil-based plastics in single-portion packaging. The material has a proven 12-month shelf life for products such as ketchup, and it provides excellent gas and moisture barrier with good chemical resistance which is essential for packing products with aggressive ingredients. Commercial samples will be displayed at the show.

Cellulosic compostable fruit and vegetable labels

The stand will also feature compostable labels based on Futamura's NatureFlex™ films, from large formats to small fruit and vegetable labels. Small fruit and vegetable stickers are commonly

applied directly to fresh produce and are known to create persistent contamination issues in organic waste streams when they are made from conventional plastics. The EU has recognised the issues fruit and vegetable labels create and the strain they add to the already struggling waste streams across Europe. The announcement of the PPWR (EU) 2025/40 has applied pressure to the



fruit and vegetable label industry to move towards a more sustainable alternative with a viable end of life scenario. Article 9(1) of the PPWR mandates the use of compostable materials for fruit and vegetable labels by 12th February 2028, to tackle the significant problem created by the tiny stickers which growers, supermarkets and consumers rely on.

Futamura's material, derived from renewable wood pulp, is designed to break down in composting environments and anaerobic digestion along with the food waste. The films are available in clear, white or metallised to fit all client requirements. They have proven excellence when die-cutting and dispensing as NatureFlex™ films are stiffer than other bio-based and compostable alternatives. Additionally, the films have a high oil barrier to protect the label from oil and grease transfer from the product. The solution aims to support retailers and produce brands seeking to align packaging components with compostable food waste systems and reduce plastic contamination in compost.

Cellulosic window films for carton packaging

Futamura will also present cellulosic film suitable for carton boxes with transparent windows. Window films are commonly used for fresh produce and bakery to allow consumers to view the product inside. However, these plastic

windows can complicate the recyclability of paper-board packs.

Using cellulose-based film as the window material enables brands to maintain product visibility while supporting formats which could be suitable for composting or recycling in the paper stream. The film offers excellent transparency and gloss, grease resistance (kit value of 12) and improved dimensional stability to maintain flatness. The films are suitable for many food applications, helping converters create packaging structures which perform technically and have a viable end of life.

Last, but not least, Futamura will be introducing their latest cellulosic innovations during the show. NatureSphere™, cellulose microspheres and NatureLace™, a cellulose non-woven material will be displayed on the Futamura stand. To discover more about Futamura, NatureFlex™ films, or any of their other solutions, find them on stand 8a E16 during Interpack (7th-13th May 2026 | Messe, Dusseldorf), or email info@futamura-group.com today



<https://www.futamura-group.com>



PFAS-Free and recyclable fast food packaging paper by Koehler Paper: Grease-resistant for demanding applications

- “Koehler NexPlus® OGR” packaging paper for burgers, french fries, sandwiches, and wraps
- Innovative barrier paper conserves resources and boosts circular economies
- Using recyclable paper creates a strong brand image

With “Koehler NexPlus® OGR,” Koehler Paper is introducing an innovative packaging paper solution that has been developed specifically for the needs of restaurant chains. This paper product is not just the ideal choice for burgers, french fries, wraps, and other fast food products, but is also highly grease-resistant and recyclable to boot – an important step on the road to greater sustainability. It is against this backdrop that visitors to the Koehler Group’s booth in Hall 8a at interpack 2026 got the chance to see the packaging paper for themselves and experience “Koehler NexPlus® OGR” at work in the flesh.

Recyclable paper packaging for a growing fast food industry

The fast food industry is booming worldwide – and with it the need for sustainable packaging. That is exactly where “Koehler NexPlus® OGR” comes in: The paper product provides a powerful barrier against grease and oil without using any fluorochemicals. This makes it a sustainable and environmentally friendly alternative to the packaging paper used in the fast food industry to date. “With ‘Koehler NexPlus® OGR,’ we have created a packaging paper product for restaurant chains that meets all functional requirements and boosts circular economy practices, conserving valuable resources as a result. On top of that, using sustainable packaging solutions is a surefire way to strengthen a brand image, since it shows a genuine commitment to the environment and makes it clear that the corresponding company walks the walk when it comes to taking its responsibilities seriously” explains Christoph Wachter, the Director of Flexible Packaging Paper at Koehler Paper.

Sustainable packaging: Innovative paper solutions with ‘NexFlex®’ from Koehler Paper

The research and development team from Koehler Innovation & Technology worked with the experts from Koehler Paper to develop the NexFlex® product range, a unique and recyclable generation of flexible packaging paper products. The aim here is to replace plastic in packaging by using so-called barrier paper wherever possible. The range covers a broad spectrum: It includes standard coated and uncoated paper used in



© Koehler Paper

laminates for pouches, sachets, and other applications, making them suitable for a wide range of packaging for food and non-food products. The next generation of paper for flexible packaging are sustainable barrier paper with functional surfaces for product-specific protection (Koehler NexPlus®).

The NexFlex®

product family also includes paper coated on one side with good dimensional stability and high smooth-ness (Koehler NexCoat®), as well as uncoated paper with a natural appearance (Koehler NexPure®). Its recyclability has also been verified by the Papiertechnische Stiftung (PTS) institute with Capi testing.

The Koehler Group was founded in 1807 and has been family-run from that moment to the present day. The group’s core business activity lies in the development and production of high-quality specialty paper. This includes—among others—thermal paper, playing card board, beverage coasters, fine paper, carbon-less paper, recycled paper, decor paper, wood pulp board, sublimation paper, and also innovative specialty paper for the packaging industry. In Germany, the Koehler Group employs around 2,500 people across five production sites, with three additional sites in the USA. The group operates internationally, with an export share of around 70% in 2024, and brings in an annual turnover of around 1.1 billion euros.

As an energy-intensive company, Koehler invests in renewable energy projects such as wind energy, hy-dropower, photovoltaics, and biomass with its Koehler Renewable Energy business unit. The Koehler Group has set a goal of producing more energy from renewable sources by 2030 than is required for its paper production operations.

With its Koehler Innovative Solutions division, the Koehler Group is collaborating with start-ups to promote innovations in the core business segments “paper” and “renewable energy”.

Find more information at: <https://www.koehler.com>



PulPac advances fiber closures, unveils plastic-like caps

PulPac continues to expand the possibilities of fiber-based packaging, now introducing a new generation of caps currently under development. The caps will be presented publicly for the first time at interpack 2026, demonstrating how fiber can move into one of the most widely used and technically demanding components in packaging.

Caps and closures represent a significant opportunity within packaging, used across a wide range of applications and industries. Building on years of experience in Dry Molded Fiber, PulPac is now advancing fiber-based alternatives in this category, targeting one of the most widely used plastic components in everyday packaging and a key segment in the transition toward more material-aligned packaging systems. The new caps are designed to meet the functional and consumer expectations typically associated with plastic alternatives, while moving toward a fiber-based solution.

Early tests indicate promising performance across several key parameters, including thread engagement, opening and closing functionality, sealing architectures, and overall tactile experience. The caps also enable a high level of design flexibility, including the ability to differentiate the inside and outside of the cap, opening new possibilities for both function and brand expression.

The development is carried out together with PA Consulting and in close dialogue with industry stakeholders including PulPac's designated machine partner for this segment, Optima. It also builds on ongoing work within the Bottle Collective initiative, where complete fiber-based bottle systems, including closures, are being explored and evaluated as integrated solutions, with participation from several global brand owners and packaging players.

Early versions of the caps have already been produced and tested in real-life environments as part of ongoing bottle and packaging evaluations. These activities reflect a growing interest from across the value chain to explore fiber-based alternatives for closures, as part of wider transitions



toward packaging systems with improved material alignment and circularity.

"At PulPac, we focus on creating value both in what can be realized today and what comes next in packaging. Advancing fiber-based caps is a natural step in that journey," says Charlotte Walldal, Chief Technology Officer at PulPac. "When we show the cap to customers, the reaction says a lot. The first response is often disbelief that they're made from fiber. The look, the sound when you tap it against a tabletop, and especially the tactile feel challenge expectations of what fiber can be. It's unexpected and something you need to experience firsthand to fully understand."

Visitors to interpack will be able to explore both Dry Molded Fiber solutions available today and developments that will shape the packaging systems of tomorrow. The caps will be showcased in both PulPac's and Optima's booths.



<https://www.pulpac.com>

PulPac is the home of Dry Molded Fiber – an industrial fiber-forming technology enabling high-speed production of rigid fiber packaging with low resource consumption. Developed and patented by PulPac, the technology is scaled globally through a network of partners and licensees. PulPac's mission is to replace single-use plastics with fiber-based solutions at industrial scale.

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Linx to unveil new ink jet printer series at interpack

The launch of a new continuous ink jet (CIJ) printer range will be the centrepiece of the Linx Printing Technologies stand (C59, Hall 8B) at this year's interpack exhibition in Düsseldorf, Germany.

This latest addition to the Linx product portfolio will be shown alongside the company's current ranges of advanced coding and marking solutions which, in addition to CIJ, include laser coding machines, thermal transfer printers and large character marking printers. All reflect Linx's ongoing commitment to practical innovation with the development of coding and marking products and services that make production life easier for factory personnel.

"interpack provides a global showcase for the packaging industry and it therefore presents the ideal opportunity for us to share with visitors what we believe will be a gamechanger in coding and marking for busy production managers," said Mark Cooper, Senior Director Product and Marketing, Linx Printing Technologies.

In another first at the exhibition, Linx will also be previewing a new model for its large character marking printer range, which will be launched later this year. This will set new standards

in the coding of text, logos and graphics directly onto porous substrates such as cardboard, paper and wood in industries including manufacturing, packaging and logistics.

Among the other highlights on the stand, the three models on show from the Linx laser coding machine range underline the variety of solutions offered by the company to meet the needs of many different markets and applications. All offer high-quality permanent marking at high speeds and, with no reliance on consumables, operating costs are reduced while the substrates being coded remain intact and unblemished.

The Linx UVG5 is ideal for delicate mono-recyclable films and difficult to mark rigid plastics, delivering fast and consistent code marking, and can be seamlessly integrated into existing production lines.

The Linx CSL30 produces sharp codes, even on hard to mark materials such as glass and rubber, on high-speed production lines in markets including food and beverage, pharmaceuticals, cosmetics and electronics. The adjustment focus of the coder's CO₂ laser marking head, which incorporates integrated simplified focus technology, means there is no need to move the laser or adjust

it for different height or width products. This reduces changeover times and eliminates errors on lines with frequent product changes.

Linx's fibre laser coder, the FSL20, achieves very fine spot size to deliver excellent quality codes for the clear and effective marking of very small components or products which require large amounts of information in a small area. In addition, the extreme clarity of the codes makes the coder ideal for traceability requirements in markets such as pharmaceutical, medical devices, automotive and electronics.

Linx will also showcase three models from its thermal transfer printer range, which offer high quality printing onto flexible materials including bags, pouches, labels and flow wrap. All offer a large range of ribbons to match individual applications and production line printing needs, with bi-directional stepper motors to deliver more prints per ribbon. An easy-to-use colour touch screen and simple cassette system ensure ease of set-up, operation and changeovers.



<https://www.linxglobal.com>



Linx Printing Technologies is a leading global supplier of continuous ink jet (CIJ) printers, case coders, laser coders and thermal transfer printers. Its printers and coders are used across many different industries where product identification codes, batch numbers, dates and barcodes are required.

All Linx products are designed with low cost of ownership in mind and are distinguished by reliability, robustness and ease of use. Linx products code and mark millions of items every day, ranging from bottles, packages and cans of consumer goods to extruded products, cabling, electrical components and car parts.

For more information on Linx's products and services, visit www.linxglobal.com

**The next issue of
Innovations in Food (& Bev) Processing & Packaging
is out in July 2026
The deadline for features and advertising is July 7**

A smarter approach to coding & marking for smoother packaging lines - today and tomorrow

Packaging manufacturers are facing rising demands: dependable day-to-day performance, consistently high code quality, and new requirements driven by the shift to 2D codes. At interpack 2026 (May 7-13, 2026, Düsseldorf, Hall 8B, Booth D26), LEIBINGER will present a smarter approach to coding and marking, rooted in rethinking established CIJ conventions and supported by long-term development investment. Visitors will see how this translates into measurable customer value, driving smooth line operation, low maintenance, and future-ready code structures.

Whether in food & beverage, cosmetics, or pharma, packaging lines depend on stable performance. Coding and marking must keep pace — consistently, compliantly, and with minimal intervention, especially as requirements tighten. LEIBINGER CIJ technology enables reliable in-line printing across a wide range of substrates, delivering consistently strong results in day-to-day production, supported by easy-to-use plug-and-print solutions.

2D codes: future-ready marking – practical implementation

One topic shaping the packaging industry is the transition from 1D barcodes to GS1 2D codes as part of the 2D migration (GS1 Sunrise 2027). LEIBINGER actively supports this transformation and invites visitors at interpack to exchange perspectives on what this shift means in practice.

A key challenge is printing reliable, scannable 2D codes on a wide range of materials, especially in view of future product passport requirements. Data-rich and compact, 2D codes often include variable data, so they must be printed



directly on the production line. As a result, requirements for print precision, contrast, and process stability increase significantly. Even minor factors such as substrate reflection, surface texture, or ink adhesion can influence scan results.

LEIBINGER supports customers with application expertise and a clear focus on practical, efficient implementation with minimal impact on existing lines. Customer consultation, typically before installation, covers the full picture: from designing code content, selecting the right format, to choosing the optimal ink for maximum contrast and ensuring reliable readability under real line conditions. This practical approach helps make implementation highly attractive and supports lower overall production costs.

Technology designed for unmatched efficiency: high uptime, low maintenance and lowest TCO

In the CIJ market, LEIBINGER is known for its clear strength: the automatic nozzle seal, which trade fair visitors can see directly at the booth via demo glass covers on the printheads. This prevents ink from drying out – which leads to immediate start-up without cleaning routines. Yet a key advantage of the LEIBINGER principle lies deeper inside the system – where many printers remain a black box: in the hydraulic system (ink management system).

LEIBINGER printers are designed so that ink remains continuously in motion in a closed-loop circuit. An innovative dual-chamber pressure tank system keeps the fluid flowing continuously, at constant pressure and with consistent viscosity (a stable ink/solvent mixing ratio). Thanks to this unique pressure tank system, the main hydraulic



pump operates intermittently: it does not run continuously but only switches on for a very short interval every 10 seconds. This greatly extends the pump's service life while also saving energy and resources. This LEIBINGER hydraulic system delivers maximum printer availability with minimal maintenance effort – a key reason why the IQJET requires no maintenance for up to five years.

Many conventional CIJ systems on the market still use gear pumps. This leads to high wear and, as a result, higher maintenance requirements – and gear-pump heads are expensive wear parts too. With pigmented inks in particular, additional disadvantages arise: the gears can grind pigment particles and place significant stress on the ink. At the same time, wear in the pump head increases, allowing more abrasion to enter the ink circuit - which, in some cases, can affect the ink's chemistry and have a direct impact on print results.

LEIBINGER also uses a carefully engineered approach in the ink tank: an automated agitator keeps the ink moving – especially relevant for pigmented inks – to reduce sedimentation and deposits and stabilize the ink. This protects components and supports consistently stable print quality over the long term.

All these technological features lead to these clear customer benefits: resource efficiency and sustainability, long-lasting systems, fewer interventions, less downtime, and processes that remain stable over time. Taken together, this helps



deliver one of the lowest total costs of ownership on the market.

Ink as a success factor: 70 solutions and the right one for your product

To ensure reliable coding & marking,

whether text, DataMatrix, or other 2D codes, printer technology alone is not enough: contrast and ink performance are decisive. LEIBINGER develops and produces inks and offers around 70 inks for a wide range of requirements.

The portfolio continues to grow: currently including new colors such as purple and brown for PVC and other materials. Because successful marking always depends on the interplay of printer and ink - optimally matched to the substrate, line speed, and production environment (moisture, dust, heat, cold).

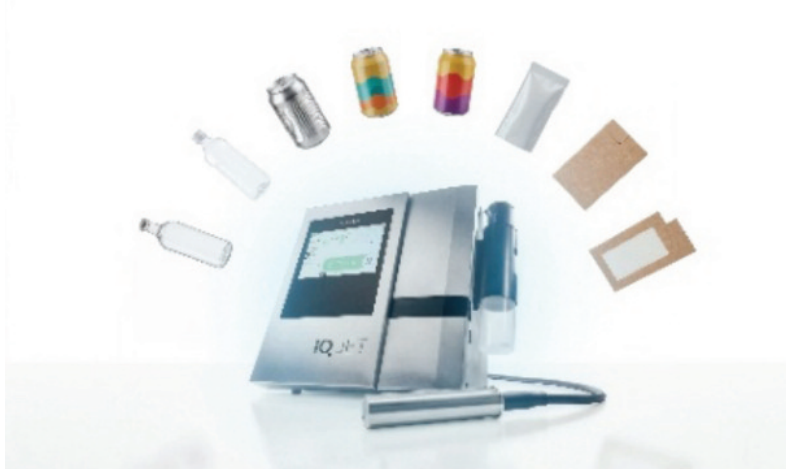
This approach is also reflected in the hardware: depending on requirements, LEIBINGER offers solutions with IP56 or IP66 as well as optional features such as an air dryer or integrated printhead ventilation – ensuring reliable marking in real-world production environments.

Digitalization in action

At interpack 2026, coding and marking becomes interactive: visitors can try the new LEIBINGER PrintDesigner and create print jobs conveniently on a mobile device. LEIBINGER will demonstrate how this is integrated into a digital platform that provides a real-time overview of the printer fleet. As an added highlight, the created print job is used immediately to print a personalized giveaway, offering a hands-on look at modern, digital coding and marking workflows.

A trade show visit that pays off in results.

At interpack, LEIBINGER presents a smarter approach to CIJ coding and marking – built around measurable customer value. By challenging established CIJ conventions, LEIBINGER delivers Made in Germany technology that proves itself in day-to-day operation across production lines worldwide. Visit us to explore practical next steps toward 2D codes, higher process efficiency, and future-ready coding and marking.



<https://leibinger-group.com/interpack-2026>

BASF demonstrates that pressure-sensitive adhesives for labels can be fully compatible with today's recycling processes for PET bottles



- UV-curable acrylic hotmelt acResin® UV 3532 combines recyclability benefits with high performance for filmic labels on PET, opening up new design options
- RecyClass approval confirms the product's full compatibility with existing European industrial recycling processes for PET bottles
- BASF solutions for packaging will be showcased at the interpack trade fair from May 7–13 in Düsseldorf, Germany, at booth A44 in Hall 10

BASF's UV-curable acrylic hotmelt acResin® UV 3532 has been approved by RecyClass for use on PET bottles, confirming its full compatibility with established European PET recycling processes under typical conditions as used in the assessment. During standard recycling operations, labels using acResin UV 3532 as pressure-sensitive adhesive (PSA) can be removed reliably, enabling clean PET streams and supporting high-quality recyclate. With the RecyClass approval of acResin UV 3532, BASF demonstrates that existing PSAs can also meet demanding recycling requirements while maintaining high performance in label applications.

The cross-industry initiative RecyClass is a leading authority for recyclability assessment helping packaging producers align with Design for Recycling guidelines. Technical details of the RecyClass assessment can be found under this link.

Enabling high-clarity filmic labels conforming to Design-for-Recycling criteria

New regulatory guidelines, growing sustainability expectations from consumers, and complex material streams are reshaping the packaging industry. As a result, recycling – along with reducing packaging waste and increasing reusability – has become one of the biggest challenges this industry is facing today. The RecyClass approval marks an important step from a regulatory perspective, as it aligns the label system with established Design-for-Recycling criteria under current EU guidance. In view of the upcoming implementation of the EU Packaging and Packaging Waste Regulation (PPWR) and its mandatory recycled content targets, acResin UV 3532 helps brand owners and converters meet future legal requirements.

Opening up new opportunities for designing recyclable PET packaging

In packaging design, the use of high-performance filmic PSA labels has long been considered incompatible with achieving clean PET material streams and the required high-quality recyclate. "Now, acResin UV 3532 opens new opportunities for recyclable PET packaging: high-clarity filmic labels that fully wash off during recycling," says Mike Zott, Global Senior Marketing Manager in BASF's adhesives business. To achieve this milestone, the team has been building on the product's successful track record with recycling-friendly, high-clarity labels on glass bottles. "We are demonstrating how innovative adhesive solutions can help brand owners and converters comply with regulations such as the EU's PPWR while maintaining design freedom and performance", he adds.

How BASF is contributing to a sustainable circular economy

acResin UV 3532 is one example of how BASF supports customers' green transformation and advances a sustainable circular economy in accordance with the European Union's Clean Industrial Deal. To help reach the target of climate neutrality, BASF became a founding member of the cross-industry coalition CELAB (Toward a Circular Economy for Labels) in 2020. The global network is working on solutions to reduce the environmental impact of the labeling industry and to promote a circular economy for self-adhesive labels in all industries.

BASF at interpack 2026

A wide range of BASF's solutions for the packaging industry will be showcased at the interpack trade fair taking place from May 7–13 in Düsseldorf, Germany. You can meet BASF's adhesive team at booth A44 in Hall 10.

For more details on the acResin product portfolio, please visit <https://basf.com/acResin>

BERICAP at interpack 2026: Unlimited possibilities in closure innovation

At Interpack 2026, BERICAP, a global leader in plastic and aluminum closure solutions, will present its latest innovations in performance, safety, sustainability, and design. Building on 100 years of expertise, BERICAP's advanced closure solutions are shaping the future of packaging across industrial, beverage, and food sectors, and have recently expanded into the healthcare and nutrition markets. Visitors can discover BERICAP's Unlimited Possibilities from May 7–13 at Messe Düsseldorf, Hall 10, Booth E67.

Advancing Safety and Efficiency Using Digital Technology

BERICAP's extensive portfolio delivers advanced closure systems that prioritize tamper-evidence, lightweight construction, and sustainable materials, like PCR (post-consumer resin) closures in the non-food sector. Protecting product integrity and quality as well as enhanced customer handling of course remain a central focus. BERICAP's multi-stage anti-counterfeiting (ACF) platform empowers customers to select and customize the optimal ACF strategy for their unique requirements, combining physical and digital protection elements. As an example, the option to embed lenticular images or structures within closures adds a layer of complexity, making them difficult to replicate and reinforcing brand prestige. To further enhance security, closures can be equipped with integrated QR codes for digital originality checks via mobile apps, enabling real-time tracking and verification throughout the supply chain.

These innovations support customers in navigating complex regulatory landscapes and maintaining consumer trust, ensuring packaging solutions are both technologically advanced and secure.

Sustainable Innovations for a Rapidly Changing Market

In response to stricter sustainability requirements and rising consumer expectations, BERICAP showcases its advanced beverage closures.

Key developments include the new RefPET range as an important component of circular beverage packaging – featuring lightweight designs, customizable liners, and branding, supporting refillable packaging for evolving EU regulations.



Another highlight is BERICAP's sport caps range for on-the-go beverages, engineered for one-handed use and high flow rates and fully industrialized for all relevant neck finishes. The one-piece Biarritz cap and the two-piece premium Monet cap – with its distinctive tamper-evident ring and visible opening indicator – are suitable for dry and wet aseptic filling and are made from mono-material HDPE to support enhanced recyclability.

BERICAP's expanded beverage portfolio delivers versatile closure options for water, soft drinks, and juices in both plastic and aluminum, meeting the diverse needs of brands and consumers in a rapidly changing market.

In addition, BERICAP offers an extensive range of closure solutions – both in aluminium and plastic – for the wine and spirits sector, designed to ensure product integrity and enhance brand differentiation thanks to customizable design options and diverse printing, embossing, and finishing solutions.

Lightweight Performance and Reliable Protection

Food packaging demands safety, product protection and consumer convenience. BERICAP's latest food segment advancements include the Evo edition for edible oil market – an industry-leading range that blends design, and functionality for a superior consumer experience. The Evo closures are weight-optimized for enhanced recyclability, feature integrated tamper-evidence without loose parts, and are engineered for intuitive, secure handling.

In dairy and carton packaging, BERICAP's

Clean Cap 23 and Clip Cap 23 tethered versions offer market-proven solutions distinguished by easy handling and versatility, supporting both sustainability and consumer safety. These are complemented by the new Clean Cap 27 and Clip Cap 27 closures, providing increased pouring capacity.

“Being part of BERICAP's long-standing history is truly rewarding”, says Thomas Lötzke, Market Coordinator Metal Containers. “Our pioneering inventions, like the P2 closure – still the market standard for metal cans – reflect our commitment to precise performance and safety. Under the motto “Unlimited Possibilities” we celebrate some important milestones of the past 100 years but more importantly how BERICAP can contribute to the future of the various industries we operate in.”

About interpack:

Every three years, interpack brings together the global processing and packaging industry in Düsseldorf for one week. The focus is on packaging materials and supplies, packaging machinery, and related process technology for the food, beverages, confectionery, baked goods, pharmaceuticals, cosmetics, non-food, and industrial goods sectors. As the leading international trade fair, it attracts experts from around the world to exchange views on the latest technologies and solutions and to provide impetus for the industry's future topics. Around 2,800 exhibitors from all over the world are expected.

For further information, please visit our interpack landing page:

<https://bericap.com/interpack-2026/>



Inspect. Protect. Comply. Mettler-Toledo prepares to showcase product inspection innovations at interpack 2026

At Interpack 2026, Mettler-Toledo Product Inspection (Hall 11 Stand A60), a global leader in precision instruments and inspection solutions, will demonstrate how manufacturers can inspect every product with confidence, protect brands and profits, and comply with evolving regulatory requirements, under the theme “Inspect. Protect. Comply.”

Visitors from the food, pharmaceutical and packaging industries will see firsthand how advanced product inspection technologies, intelligent software and global service support work together to help manufacturers manage contamination risks, verify product and packaging integrity, and maintain consistent compliance across increasingly complex production environments.

Inspection solutions across Critical Control Points

A major highlight on the Mettler-Toledo stand at Interpack 2026 is the global debut of the new M50 R-Series metal detector. Designed as the next generation of metal detection, the M50 R-Series delivers improved detection sensitivity and is engineered to increase productivity while simplifying compliance in modern production environments. The M50 R-Series is set to become the leading solution in the Mettler-Toledo metal detection portfolio elevating the legacy of the Profile and Profile Advantage models.

Alongside the M50 R-Series, Mettler-Toledo will present a broad portfolio of inspection technologies designed to support manufacturers

from incoming goods through to final packed product.

X-ray inspection will be a key focus on the Mettler-Toledo stand, including the first-ever European showcase of the X3 Bulk Series at Interpack 2026. Developed specifically for unpackaged, loose-flow and bulk products on conveyors, the X3 Series supports reliable foreign-body detection in challenging bulk handling environments, helping manufacturers maintain inspection performance while improving efficiency and throughput.

In addition, visitors will be able to explore the X2 and X6 Series x-ray inspection systems, which together provide a comprehensive portfolio for inspecting packaged products across a wide range of formats, line speeds and application requirements. The combined x-ray offering demonstrates how scalable inspection solutions can be deployed across different production stages to support product quality, brand protection and regulatory compliance.

Checkweighing will be represented by the C35 high-performance checkweigher, which will be demonstrated for both food and pharmaceutical applications. Advancements in the C35 has enabled the checkweigher to reach new performance levels, accommodating line speeds of more than 800 packs per minute, even in highly demanding applications.

Designed for accuracy, reliability and ease of integration, the C35 supports precise weight control at high throughput, helping manufacturers reduce product giveaway, identify under-fills, and

maintain compliance with weights and measures regulations. Its flexibility makes it suitable for a wide range of production environments, from high-speed food packaging lines to highly regulated pharmaceutical operations where consistency and documentation are critical.

Combination inspection solutions will also feature prominently at Interpack, with Mettler-Toledo highlighting its new-generation Combination Systems, including both CM and CX configurations. These integrated solutions combine metal detection or x-ray inspection with high-performance checkweighing in a single system, enabling manufacturers to reduce footprint, simplify line integration and streamline quality control processes.

Depending on application requirements, combination systems can also integrate additional inspection capabilities, such as label inspection, supporting manufacturers with 2-in-1 or even 3-in-1 inspection strategies. By consolidating multiple product inspection technologies into a single solution, combination systems help reduce complexity, improve operational efficiency and maintain consistent inspection performance across the line.

Together, these technologies support physical contamination detection, product and package integrity checks, weight control and label inspection. They help manufacturers reduce waste, minimise costly errors and maintain consistent product quality.



Connected data and compliance with ProdX™

Another key spotlight for food manufacturers will be ProdX™, the data management software that connects product inspection devices across the line into a single, centralised view. ProdX™ collects inspection results in real time, automates data capture and traceability, and helps food manufacturers strengthen digitalisation, documentation and food-safety compliance across their operations.

By standardising record-keeping and providing clear, audit-ready reports, ProdX™ helps food manufacturers substantiate compliance, streamline audits and maintain control of product quality in both food and packaging applications, while saving time on manual checks. Automated workflows, fewer paper records and faster investigations can also reduce operational costs and support more secure handling of quality and compliance data.

Real-time visibility of inspection performance enables production teams to react quickly to emerging issues, minimise waste and keep lines running efficiently, taking product inspection processes to the next level in terms of control and insight. On the stand, visitors will be able to see ProdX™ connected to 25 devices including a continuous loop. ProdX™ can also be experienced using an immersive VR presentation, utilising headsets to explore how the software links to metal detection, x-ray and checkweighing technologies.

Lifecycle support through global service

Inspection performance does not stop at installation. The global service offering from Mettler-Toledo will also be highlighted at Interpack, demonstrating how preventive maintenance, performance verification and local technical support help manufacturers maintain uptime and extend equipment life.

Visitors can meet service experts to discuss their individual requirements and explore how Mettler-Toledo can locally support manufacturers with a worldwide network of trained service technicians. Mettler-Toledo supports customers throughout the full lifecycle of their inspection systems, helping production teams stay resilient in the face of rising costs and regulatory pressure.

"Manufacturers are under growing pressure to maintain product integrity and safety while managing rising costs and meeting increasingly complex compliance requirements," said Daniela Verhaeg, Communications Manager. "At Interpack, we are demonstrating how our latest inspection solutions, combined with monitoring software and lifecycle service support, help customers inspect every product with confidence, protect their profits and operations and comply with industry requirements more easily. This reflects our ongoing commitment to evolving our portfolio in line with real production challenges."

Visitors can experience live demonstrations and speak with inspection specialists at Interpack 2026 in Hall 11 Stand A60.

For more information, click here or visit <https://www.mt.com/interpack-pr>

METTLER TOLEDO

Key Technology introduces new ADR® X for potato strips

Key Technology, a member of Duravant's Food Sorting and Handling Group, introduces its new automatic defect removal system for potato strips – ADR® X – at Interpack Hall 6 / B73. ADR systems identify defects on wet potato strips and precisely trim only the affected areas so more usable product can be recovered, helping processors increase yield and maximize profitability. Now featuring enhanced multi-spectral sensing, an updated mechanical architecture and more, the next-generation ADR X delivers superior defect detection with simple operation and reliable performance in continuous, high-capacity production environments.

"Potato quality isn't consistent, but processors still need consistent results. Meanwhile, the gap between variability in raw material and customer expectations for the finished product keeps widening. At the same time, hygiene requirements are greater, skilled labor is harder to find and facilities are running longer production cycles," said Jack Lee, Duravant Group President – Food Sorting and Handling. "As the long-time leader in automatic defect removal technology, Key redesigned its popular ADR system from the ground up with the new ADR X to address these mounting pressures."

Building upon the field-proven technology of Key's previous-generation ADR systems, ADR X aligns, singulates, inspects and trims both peeled and peel-on wet potato strips of various cut sizes.

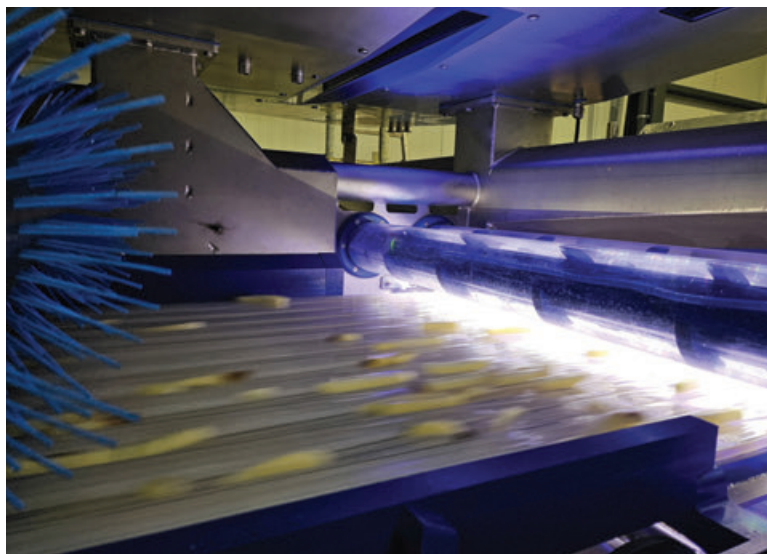
ADR X introduces a series of new capabilities including multi-channel sensing with advanced LED lighting and strobing for accurate identification of challenging product defects such as green discoloration. Multiple images of each strip are captured under different wavelengths and combined to create clear separation between the product and background, facilitating precise trimming decisions. A true-color user interface delivers clear visualization and intuitive operation.

The newly developed ADR X design maximizes hygienic operation in wet processing environments. The system architecture eliminates activity above the product stream, reduces flat surfaces and integrates clean-in-place functionality to protect product quality, simplify cleaning and meet stringent sanitation requirements. Bearings and other key components are positioned for easy access to speed maintenance and support uptime in demanding production environments.

ADR X features recipe-driven conveying

and alignment mechanics that automatically adjust based on the selected cut size. Lane profiles and strip positioning are set via the user interface, allowing the system to respond to different strip dimensions without manual tuning and supporting repeatable performance across product changeovers. New endless, reinforced belts reduce belt stretch over time, eliminate the need for in-field welding and allow belt replacement to be completed up to five times faster, which reduces replacement frequency and streamlines belt maintenance.

To maintain precise trimming as recipes change, the conveyor belt and cutter-wheel



operate with independent drives. The cutter-wheel automatically repositions itself based on the selected cut size, allowing defects to be trimmed accurately while maintaining proper alignment throughout production.

Setup and maintenance tasks are further simplified through single-point adjustment mechanisms for brushes and finger racks, which reduces setup complexity and speeds changeovers.

ADR X is available as a plug-and-play system that fits within a standard shipping container to support efficient delivery and on-site setup. For processors operating existing potato strip lines, ADR X can be installed as a direct replacement for previous-generation ADR 5 systems without requiring significant layout changes.

Key supports its customers worldwide through an extensive sales network and its global service team. For more information on Key's ADR X automatic defect removal system and its optical sorters, visit <https://www.key.net/en/our-products/sorting/>

Hugo Beck to launch new sleeve wrapper for sustainable transport packaging at interpack

Hugo Beck, a world leading manufacturer of horizontal film and paper packaging machines, will unveil a brand new machine solution at interpack 2026 at stand A74 in Hall 11: the compact sleeve wrapper paper S for sustainable transport and secondary packaging in paper.

As the packaging industry continues to seek practical alternatives to plastic shrink film and excessive cardboard, the new paper S enables a tight kraft paper wrap with or without tray, providing a secure and resource-conscious transport packaging solution across a range of industries, including FMCG producers and retail-ready packaging operations.

The launch of the new sleeve wrapping solution further expands Hugo Beck's growing portfolio of sustainable paper packaging technologies – now with a focus on transport packaging applications. This reflects the company's ongoing commitment to developing machine concepts that support reduced material consumption without compromising product and transport safety or operational efficiency.

The paper S has been developed as a compact operator and maintenance friendly sleeve wrapping system that can be installed inline within existing production lines or operated as a stand-alone solution. Its space-saving design makes it suitable for facilities with limited floor space.

The machine wraps products in or without a tray in kraft paper with overlap and optimised hot-melt gluing to ensure a tight and stable pack. This creates bundles for secure transport and handling, helping manufacturers transition away from shrink film or cardboard systems while maintaining product stability throughout the

supply chain.

In addition to cost savings on material, the paper S enables energy savings compared to heat-based shrink wrapping processes. Optional add-ons such as digital printing units, labelling systems or additional automation components can be integrated to tailor the machine to specific customer requirements.

The paper packaging solution has been developed in close collaboration with Mondi, a global leader in sustainable packaging and paper, to ensure reliable processing and a well-matched interaction between paper substrate and machine technology. Therefore, the new sleeve wrapper will be running with Mondi's Ad/Vantage StretchWrap paper of only 70 gsm on the Hugo Beck stand A74 in Hall 11.

Combined with its very low weight, this uncoated kraft paper offers high puncture resistance and stretch characteristics, which lead to an exceptional tensile energy absorption, while being industrially compostable and recyclable in conventional paper streams.

Visitors to interpack are invited to see live demonstrations of the new sleeve wrapper on the Hugo Beck stand and discuss with the experts on site the company's comprehensive machine portfolio for sustainable film and paper packaging.

"This introduction of the paper S in close collaboration with Mondi as a holistic solution represents a logical next step in our sustainable packaging strategy," said Jonas Beck, Managing Director at Hugo Beck. "It builds on our continuous development of paper packaging technologies over recent years. Following the launch of the paper X series targeting multiple industries together with dedicated e-commerce packaging solutions, we

have steadily expanded our sustainable offering alongside our established film-based solutions. Our aim is always to support our clients to meet evolving market and regulatory demands in terms of increased sustainability. With the paper S sleeve wrapper we are offering a practical solution for reducing plastic usage and minimising cardboard consumption in transport packaging while maintaining the reliability and performance our clients expect from our technology."

<https://www.hugobeck.com>



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Founded in Dettingen/Erms near Stuttgart in 1955, Hugo Beck is a world leading specialist in horizontal film packaging machines, flow-pack and paper packaging machines, automation solutions and post-print processing systems with the range of 3,000 to 18,000 cycle-per-hour. Hugo Beck machines are currently being used successfully across a wide range of industries, including pharmaceuticals, medical technology, food, confectionery, e-commerce, household goods, print and multimedia products, tissue, glass and wood.

With a focus on maximising automation, flexibility and availability, the company provides a complete range of machine solutions for horizontal film packaging, including flowpacks, poly bags and shrink packs as both primary and secondary packaging. Hugo Beck machines process all types of film, and all independent of the manufacturer.

Hugo Beck's latest paper packaging solutions underline its commitment to the continued development of innovative machine technology. By working in close co-operation with customers, it develops sustainable packaging solutions in every respect for today's markets and tomorrow's.



Smart 3-in-1 system transforms food safety at interpack

Meeting food safety, weight compliance and labelling requirements, Fortress Technology launches its compact, hygienic and fully integrated metal detector, checkweigher and vision combination food inspection system at Interpack 2026.

Compliance and Industry 4.0-ready, the Raptor Tritek system meets the latest HACCP, BRCS, GFSI and IFS food safety and hygiene design principles. A distinguishing feature of this 3-in-1 system is its compact footprint. It is at least 40% shorter in length compared to modular combination systems that require individual connection of metal detectors, checkweighers and label vision systems using multiple conveyors and support frames.

By incorporating all three technologies—metal detector, checkweigher and vision inspection—within a single, fully integrated 2.5 metre stainless steel frame, the Fortress Technology Raptor Tritek system saves valuable floor space, enhances operational efficiency and maintains robust food safety standards.

This latest machine has been developed in direct response to calls from food processors for inspection systems that are easy to sanitise, operate and maintain. These requirements were emphasised as essential for food safety in the recent PMMI 2025 Food Safety and Sanitation report.

Strictly adhering to industry hygienic design principles, the new Raptor Tritek combination system distinguishes itself from other 3-in-1 solutions currently available. All three inspection technologies are integrated within a single frame. This design offers production staff unobstructed, easily accessible and cleanable surfaces, significantly reducing the risk of contamination.

“Another notable feature is the system’s unique frame structure. Unlike standard-length models, which typically stand on twelve feet, our compact Raptor Tritek stands on only six. By halving the number of floor contact points and threads, the potential for dirt, debris and micro-organisms to accumulate is greatly diminished, further enhancing the overall hygiene and safety of the production environment,” emphasises Fortress Technology’s European Sales Director Phil Brown.

Prioritising HACCP metal detection

The Raptor Tritek is designed to inspect a diverse array of packaged food products, including meats, dairy, prepared meals, chilled pizzas, commercial bakery items and confectionery. Inspecting, weighing and checking labels at an average of 150 packs per minute, it meets the demands of high-throughput production environments.

To accommodate various product sizes and production line requirements, the Raptor Tritek is available in four different belt widths - 100 mm, 200 mm, 300 mm and 400 mm. Its modular design, paired with flexible input/output electronics ensure easy integration in existing production lines, connecting to automated filling, portioning and packing machinery.

Another key advantage of the Raptor

Tritek is its unique Conveyor Run Only Mode. Unlike other combination systems, this feature guarantees that HACCP metal detection is prioritised even when weight control is not a requirement.

Separate rejects ensure metal contamination and weight rejects are isolated, further minimising food waste. The high performance metal detector automatically compensates for application-specific product effect.

“Checkweighing is essential for quality control. But HACCP stipulates that product should never leave the production facility and be distributed to retailers if not inspected for potential metal contamination,” reports Phil.

Delivering maximum usability and future-ready flexibility

The inclusion of vision provides automated top and bottom label inspection to prevent label-related defects reaching point of sale. Cameras located above and under the conveyor capture a picture of the top and underside label simultaneously as product seamlessly transitions from the checkweighing to outfeed conveyor. “Our integrated vision system uses advanced optical character recognition (OCR) to detect and reject faulty labels, printing errors and poor-quality print in real time,” expands Phil.

For operational ease of use and convenience, the Raptor Tritek is equipped with 500 product settings which can be expanded if required. The metal detection and checkweighing technologies are managed by a single HMI screen featuring simple animations to guide users through start-up procedures and product changeover tests. Clear graphical instructions are provided to help minimise user errors during operation.

Single pass learning enhances productivity and reduces set up times. This rapid calibration feature identifies product effect and automatically



adjusts the metal detector settings for accurate inspection results.

The vision system will instantly recognise the label, font and colours, eliminating the need for manual scanning, dragging or typing of product information. The system can automatically identify critical information during the setup process, reducing operational downtime and ensuring all individual packs are validated.

Prepared for all future digital reporting requirements, the Raptor Tritek can securely collate and aggregate production and inspection data. Supporting interoperability, Contact 4.0 provides food processors using Fortress Technology inspection equipment with a means to extract data from different production applications and processes and align to a common reporting structure. The use of OPC UA Adapters can facilitate this. Ethernet/IP Adapters can also be used within the network to aggregate data from multiple combination and inspection machines and route information through centralised data systems.

<https://www.fortresstechnology.com>



Sesotec at interpack 2026

Food Safety is our Passion.

Anytime and Anywhere.

Innovations in Hardware, Software, and Artificial Intelligence

Sesotec, a leading provider of intelligent systems for foreign body detection, material sorting, and analysis, is showcasing a wide range of innovative technologies for maximum product safety at this year's interpack in Hall 11, Stand D40. Visitors can experience the latest advancements in hardware, software, and artificial intelligence live across more than 300 square meters, offering real value along the entire food production value chain.

Sesotec empowers food manufacturers with comprehensive inspection solutions to detect risks early, maintain stable processes, and ensure the highest quality and safety standards—anytime, anywhere in production. At the heart of our trade show presence and nearly 20 exhibits is the showcase of the next-generation INTUITY NEX tunnel metal detectors, featuring an enhanced software interface and conveyor integration. Sesotec is also expanding the RAYCON family with the high-end RAYCON D+ TX and the entry-level RAYCON EX2, alongside the advancement of AI-driven THiNK Technologies for metal detection and X-ray inspection. With the launch of the Insight.360 connectivity and visualization solution, Sesotec once again demonstrates how engineering, production control, and user-centric design come together for unparalleled control over production lines.

Inspection Solutions for Ultimate Safety

At interpack, Sesotec presents systems for foreign body detection and product inspection across a wide range of applications—from agricultural raw materials to processed foods and packaged products.

The portfolio includes:

- X-ray inspection systems
- Metal detectors and separators
- Magnetic systems

- AI-based THiNK Technologies
- Software solutions
- Comprehensive lifecycle services—and beyond.

Together, these technologies create an integrated safety concept that supports food manufacturers in implementing modern quality and safety strategies.

Event Highlights in Detail

X-ray Inspection System RAYCON D+ TX

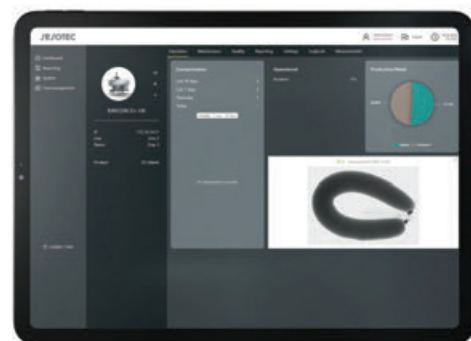
The RAYCON D+ TX X-ray inspection system sets new standards in detection accuracy with its high-resolution TDI line detector. This high-end system features integrated AI-based THiNK Technologies, enabling exceptionally precise foreign body detection—even at high production speeds. The combination of innovative hardware and intelligent software delivers unparalleled detection performance.

Introducing the RAYCON EX2: The Next Generation in X-ray Inspection

RAYCON EX2 is an ultra-compact X-ray inspection system designed for the food industry. As an entry-level model for packaged products, it offers an easy introduction to X-ray technology. Its compact design allows seamless integration into existing production lines. The Auto-Learn feature ensures rapid setup: new products are automatically calibrated in under two minutes.

INTUITY NEX: The Next Generation of Tunnel Metal Detectors

The new INTUITY NEX represents a coil concept for tunnel metal detectors with an optimized housing design that meets the highest hygiene standards and complies with IP 66/69K protection class. Combined with the new capacitive touchscreen and the intuitive Insight.HMI user interface, it offers a particularly user-friendly, future-



Insight.360 Visualization Software for comprehensive visualization and analysis of production and inspection data (©: Sesotec GmbH)

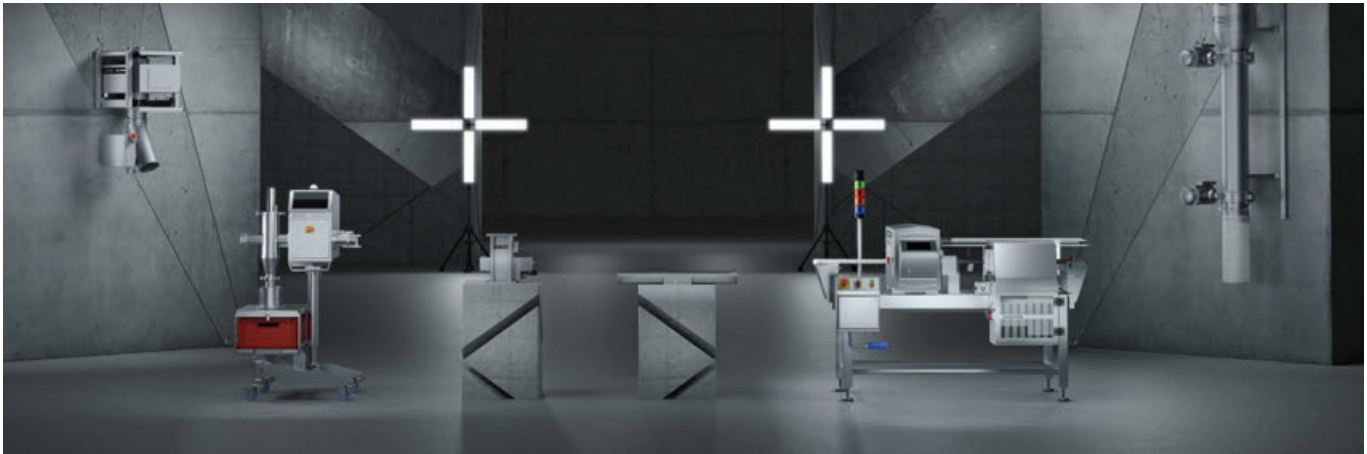
oriented system: featuring gesture control and remote visualization. The new Quattro Simultaneous Frequency Technology with four parallel operating search frequencies and the advanced AI-based THiNK technology ensure even higher detection accuracy. When it comes to integration into existing lines, INTUITY NEX promises maximum flexibility—easily and quickly via interfaces like OPC-UA, MQTT, or REST-API. Complementing the latest detection systems, Sesotec introduces a newly developed conveyor belt concept specifically designed for hygiene-sensitive applications.

LIQUISCAN VF IC Metal Separator

With the LIQUISCAN VF IC, Sesotec offers a powerful solution for inspecting liquid and pasty products in pipelines. At interpack, the system is showcased alongside the innovative THiNK software. The AI-based analysis ensures more precise and stable foreign body detection



The RAYCON Product Family: The Perfect X-ray Inspection Solution for Every Need (©: Sesotec GmbH)



Sesotec's metal detectors and separators identify all types of metallic foreign bodies. When combined with a separating unit, contaminated products can be automatically removed. (©: Sesotec GmbH)

directly during the ongoing process.

Driving the AiVolution with AI-powered THiNK Technologies

THiNK represents the evolution of traditional detection through adaptive algorithms. With AI-driven solutions from THiNK Technologies, industrial processes become smarter, safer, and more resource-efficient. These AI technologies empower customers to achieve quality and sustainability goals efficiently—data-driven, future-ready, and field-tested.

In metal detectors, THiNK virtually eliminates disruptive product effects, allowing even the smallest metal contaminants to be reliably detected. Elements like RFID tags can also be selectively ignored without compromising detection performance.

In X-ray systems, THiNK significantly enhances detection capabilities: even minimal grayscale differences, barely visible with conventional methods, are reliably identified.



The new INTUITY NEX tunnel metal detector with THiNK Technologies and Compliance Package: Comprehensive safety in food production (© Sesotec GmbH)

Two complementary AI principles are employed:

1 Object-Based Detection THiNK XO

This AI model is trained on objects with specific, characteristic shapes. The system covers two application areas. It specifically identifies objects that must be present in a good product and checks if they are fully present and correctly positioned. In the second application area, the AI identifies known objects that should not be present, detecting unwanted foreign bodies or contaminants that have been previously trained.

2 Anomaly-Based Detection THiNK XA

Here, the AI learns the "ideal" product and automatically detects deviations. This allows for the identification of hard-to-define defects—such as deformations, material deviations, or the finest foreign bodies like plastic, bone, or cartilage.

The result: Enhanced product safety, significantly fewer false rejects, and a sustainable reduction in product recalls.

Compliance Package Software: Always Secure, Always Compliant

Food safety allows no compromises. True to its trade fair motto, Sesotec focuses on solutions centered around users and customers. The Compliance Package is software designed for seamless and efficient documentation in food production, ensuring guideline-compliant operations while minimizing manual effort.

The software package comprises five components, some patented by Sesotec:

- Audit-Check (Process assistant for audit routines including documentation)
- Sensitivity Prediction (Automatic determination of detection sensitivity for various foreign bodies after learning phase or significant setting changes)
- Compliance Mode (Audit standards at the push of a button with reduced false reject rate)
- Integrated Compliance Monitoring (ICM: Continuous self-monitoring of the inspection system's detection capability)
- Integrated Validation Process (IVP: Sesotec certificate with validation results as proof of meeting quality objectives)

Visualization Software Insight.360

Introducing Insight.360 by Sesotec: a comprehensive software solution for holistic visualization and analysis of production and inspection data. The integrated, browser-based visualization platform Insight.WEB offers a complete overview of production processes, equipment status, and quality data—across locations and production lines.

Retrofitting the networking and visualization system into existing lines with Sesotec devices during operation is always possible.

Security Throughout the Entire Lifecycle

In addition to inspection systems, Sesotec showcases its extensive service portfolio at interpack. This includes commissioning and validation, maintenance contracts, and calibrations, as well as cutting-edge remote service solutions. Digital services, smart monitoring tools, and rapid spare parts availability ensure maximum system uptime and long-term investment security. Sesotec supports its customers throughout the entire lifecycle of their systems with solutions that enhance device performance year after year.

Ask the Experts

Throughout the entire exhibition, experienced Sesotec experts will be available at Stand D40 for personal consultations. With their extensive industry and application knowledge, they collaborate with visitors to develop tailored solutions for effective foreign body management—customized to the product, process, and production environment.

"At interpack 2026, we demonstrate how modern foreign body management works across the entire food chain—from raw materials to the finished product. Our technologies ensure food safety is guaranteed anytime and anywhere, from farm to table", says Christoph Hänle, Head of Sales Food at Sesotec.Sesotec

With a clear focus on Food Safety is our Passion. Anytime and Anywhere. Sesotec showcases at interpack 2026 how intelligent inspection systems and AI-based software solutions can make a significant contribution to greater safety, efficiency, and sustainability in the food industry.

All exhibits, further details, and free visitor tickets are available here

<https://www.sesotec.com/en/interpack>

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Next generation touchscreen boosts food safety

Clear, concise and extremely easy to navigate, Fortress Technology showcases its next generation food metal detector interface at Interpack 2026. In Hall 11, Stand E30, see how it efficiently supports food manufacturers to manage food safety risks.

Presented on a Stealth metal detector, visitors to Interpack 2026 can experience how Fortress Technology's latest touchscreen innovation is setting a new benchmark in food safety management and digital compliance.

The simple, user-friendly design includes bold buttons, contrasting icons and a multi-colour warning system. This ensures that even in high-pressure situations staff can immediately access all the critical control point (CCP) information, and review and act upon alerts or events in the log.

The high contrast digital display features light and dark modes. This supports safety critical tasks, enabling staff to clearly see alerts and essential information which can significantly reduce human errors in fast-paced manufacturing facilities.

Helping processors maintain full compliance with food safety standards, the new interface supports real-time monitoring and provides immediate access to event logs and faster product setup. This ease of use ensures reliable metal detection performance.

Live production statistics are clearly presented on the HMI, including contaminant detection, conveyor and reject bin status, throughput metrics, sensitivity settings and the product being inspected. All this event data is clearly logged for extraction and data reporting.

Quality assurance reports can be extracted from the HMI by USB or automated through Contact 4.0 digital reporting technology. This improves real-time traceability and monitoring, simplifies audit reporting and automates performance verification records. Additionally, there are flexible options for networked data integration.



Processors with more advanced connectivity needs can utilise optional OPC UA and Ethernet/IP Communication Adapters to enable customised real time data capture and seamless data integration with existing plant monitoring, ERP systems and databases.

When paired with Halo Automatic Testing to verify the performance of each Fortress Technology food metal detector, these features assist food processors to comply with stringent safety standards. This includes HACCP, GFSI, BRCGS and retailer and supply chain codes of practice.

Greater versatility

Measuring 18.3 cm by 11.4 cm, Fortress

Technology's new touchscreen easily integrates with all metal detectors in the product line. Having a uniform screen size means that food processors currently utilising Stealth and Interceptor gravity, pipeline and conveyor metal detectors can easily upgrade to the new touchscreen without requiring extensive modifications. In keeping with the Fortress Technology Never Obsolete guarantee, this flexibility ensures that facilities can enhance their inspection processes and benefit from the latest user interface innovations, while maintaining compatibility with their existing equipment.

"Providing a high-visibility interface supports day-to-day operational efficiency. It also makes it easier for manufacturers to adhere to regulatory standards and documentation requirements," explains European Sales Director Phil Brown.

Fortress Technology confirms that the current membrane-style and stainless steel HMIs will continue to be available and are not being phased out. By retaining these durable and cost-effective interfaces alongside their new touchscreen innovations, Fortress Technology ensures that manufacturers operating in demanding and heavy washdown environments continue to benefit from reliable and robust solutions tailored to their specific operational needs.

Incorporating 500 pre-programmed product categories reduces set up and training times, while the secure multi-level password system prevents operators from overriding instructions on the HMI. These features all minimise human errors and support a culture of food safety accountability, reports Phil.




<https://www.fortresstechnology.com>

Fast and flexible new food checkweigher

At Interpack 2026, Fortress Technology launches a compact, economical, automated checkweigher system. The Raptor Flex specifically helps food processors seeking immediate giveaway savings on packs weighing up to 4kg.

In Hall 11, Stand E30, the food safety specialist unveils the Raptor Flex. This new, cost-effective and compact checkweighing system can check the weight of packaged food applications, including confectionery, bakery products, cooked meats and nutrition bars.

Addressing a significant market need, the Raptor Flex delivers affordable yet precise automated checkweighing for SME food processors that don't want to compromise on performance. A modular, standalone checkweigher for packaged products, the Raptor Flex is installed at the end of inspection lines to reduce product giveaway and ensure compliance with weight regulations.

One of the standout features of the Raptor Flex checkweigher is its fast delivery schedule. By offering a range of standard machine sizes and configurations, Fortress Technology can streamline production. Additionally, the entire system, including reporting and connectivity

software, is all manufactured in-house.

"This quick turnaround helps food processors to promptly upgrade or adapt their quality control processes, supporting operational efficiency and responsiveness to market demands," highlights European sales director Phil Brown.

Compact and made from robust stainless steel, the Raptor Flex can fit easily into existing HACCP inspection lines. Featuring two wipe-clean, lift-out conveyors, the Raptor Flex delivers high-speed weighing up to 200 ppm.

Flexible input/output (I/O) electronics support rapid installation and integration with Fortress Technology metal detector and x-ray systems. Additionally, the Raptor Flex can be programmed to provide trend feedback to automated upstream filling, portioning and packing systems.

Equipped with a 10.1-inch (25.5cm) colour HMI touchscreen, the system supports intuitive operation and enhances overall operational efficiency. A top-mounted status beacon is visible from every angle to instantly alert production staff to operational issues. The clear presentation of live performance data, batch statistics and KPIs can



support these investigations and identify upstream inefficiencies to ensure product quality is maintained.

Incorporating 500 pre-programmed product categories reduces set up and training times, while the secure multi-level password system prevents operators from overriding instructions. These features all minimise human errors which can cause production bottlenecks.

Batch reports can be collected by USB or automated using Contact 4.0 to enhance real-time traceability. Additionally, the Raptor Flex provides flexible options for networked data integration. Processors with more advanced connectivity needs can utilise optional OPC UA and Ethernet/IP Communication Adapters, supporting real-time data sharing across the entire production network.

For complete production flexibility, processors can select from three conveyor widths – 100mm, 200mm and 300mm – and multiple reject station options, including air blast, diverter paddles and kickers. To maintain the competitive price point, lift off covers are also optional.

"With its rapid lead time and adaptable configuration options, the Raptor Flex delivers an ideal solution for processors seeking to enhance their quality control measures while maintaining operational agility and meeting tight production deadlines," concludes Phil.

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Loma Systems® to present advanced inspection solutions at interpack 2026

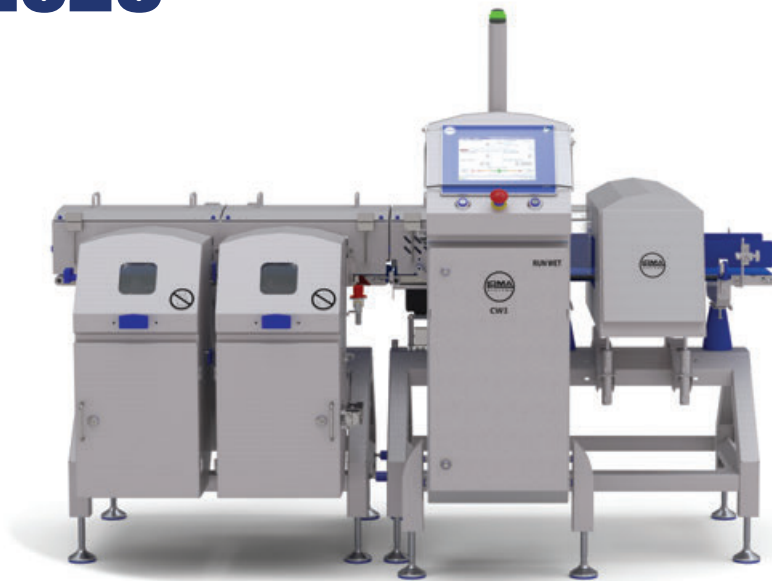
Loma Systems will return to Interpack 2026, 7-13 May, to demonstrate its position as a global leader in inspection technologies, showcasing an extensive portfolio of metal detection, X-ray inspection, checkweighing and combination systems designed to support manufacturers across the food, bakery and pharmaceutical sectors. The company will exhibit in Hall 11, Stand F73.

With a strong focus on innovation, reliability and customer-driven design, Loma continues to support producers worldwide with solutions that increase product safety, compliance and operational efficiency. At the heart of its presence at Interpack will be its latest inspection technologies, developed through its Customer Best Innovation (CBI) programme.

A key focus of the show will be Loma's X-ray portfolio, led by the X5DE Space Saver. Featuring Dual Energy technology for superior detection accuracy, the system significantly reduces false rejects and delivers precise imagery that improves contaminant detection, making it an ideal solution for manufacturers seeking high performance in a compact footprint.

Alongside this, attendees can explore the newly enhanced X5C, designed as an accessible, space-efficient entry point to X-ray inspection. Ideal for retail-packaged convenience foods, ready meals and small packaged goods, the system combines affordability with performance. Recent enhancements include a larger widescreen interface for improved usability, higher maximum speeds of up to 70 m/min and faster, more efficient cleaning with quick-release curtains and tool-free belt removal. Beyond contaminant detection, it also delivers product integrity checks to ensure consistent quality.

In addition, Loma will highlight its expertise in metal detection, with a focus on the latest IQ4M model, which features variable-frequency and



Top: CW3 RW MkII Combo, Bottom left: X5C MkII Release Version: Bottom middle: X5DE Space Saver

multi-spectrum detection technologies to deliver increased sensitivity and performance across a wide range of applications. Visitors will be able to see the IQ4 RUN-WET® conveyerised metal detector system, designed for challenging wash-down environments and for seamless integration into production lines, supporting food manufacturers operating in high-care settings.

Also on display is the improved CW3 RUN-WET® Combo, designed to improve cleanliness and meet the demands of high-care environments. Its hygienic design enables faster, easier cleaning while maintaining precision weighing performance and metal detection performance, making it ideal for food production environments where uptime and compliance are critical.

Furthermore, Loma's stand will showcase

additional solutions that highlight the breadth of its offering, including the IQ4 Vertical Fall for gravity-fed applications, the IQ4 Lock PH to support pharmaceutical inspection requirements, and the IQ4M Pipeline for pumped product applications. Together, these systems demonstrate Loma's ability to provide tailored inspection solutions across diverse industries and production formats.

Beyond its technology, the company will emphasise its commitment to customer support through its global service network, strong R&D capabilities and evolving training programmes. Visitors will have the opportunity to meet Loma's experts to discuss specific operational challenges and explore how tailored inspection solutions can support their production goals. As part of its ongoing investment in customer support, Loma continues to develop its online training academy, which provides accessible learning resources and enhances operators' knowledge, thereby strengthening long-term system performance and reliability.



<https://www.loma.com>

Customised solutions as opposed to standard ones: Minebea Intec at interpack 2026

At interpack 2026 in Düsseldorf, Minebea Intec, a world-leading manufacturer of weighing and inspection technologies, will be showcasing its manufacturing expertise from 7 to 13 May. The focus will not only be on individual products but also on the journey from individual customer requirements to the technically and economically optimal solution.

Manufacturing companies are under considerable pressure today: rising energy costs, higher quality requirements, growing sustainability targets and the demand for maximum plant availability characterise everyday production. Standard solutions often reach their limits here. Minebea Intec therefore pursues a clear approach that goes beyond its standard range: first understand, then develop.

The company supports its customers individually and in partnership from the initial idea through engineering to implementation, with the aim of creating measurable added value. "Engineered for you" is Minebea Intec's motto for interpack 2026 and sums up this commitment. The process begins with a thorough analysis of the processes, environmental conditions and regulatory requirements. Building on this, a bespoke concept is developed that combines technical precision with economic efficiency.

The result is weighing and inspection solutions that enhance process reliability, make operations more efficient in the long term and reduce downtime.

Engineering rather than 'off-the-shelf'

Whether it's a new plant, a line extension or a retrofit – every production environment has its own specific requirements. At interpack 2026, Minebea Intec will show more of its weighing and inspection solutions that can be specifically adapted to these requirements. "The focus is on the holistic interplay of hardware, software and consulting expertise," says Dr Thorsten Vollborn, Manager of Product Management Inspection & Academy, who will also be on hand to answer questions at the trade fair. "Visitors to our stand can look forward to practical presentations of integrated solutions along the entire production line."

One example of this is the Flexus® Combi checkweigher for dynamic weight control. It not only checks product weight and completeness, thereby helping to optimise filling processes but also reliably detects metallic foreign bodies – including iron, non-ferrous metals and even non-magnetic stainless steels. "With our Combi checkweighers, our customers benefit from multiple inspection functions in a single system, thereby saving space and costs," explains Vollborn. "The Flexus® Combi also impresses with high throughput rates of up to 600 items per minute, as well as its hygienic design, which facilitates easy cleaning."

This inspection highlight is complemented by the Dylight X-ray inspection system, which can be experienced live at the exhibition stand. In

addition to the reliable detection of foreign bodies such as metal, glass shards, stones and certain plastics, the system enables comprehensive in-line quality checks – from weight determination and component counting to the detection of missing or damaged products, as well as monitoring fill level and closure integrity checks.

Experience the Red Dot Award-winning Blue HMI user interface live

Another highlight for visitors to the stand is the advanced Blue HMI user interface. At the exhibition stand, it will be on display on the Flexus@Combi checkweigher, amongst other systems. Blue HMI serves as the central user interface for weighing and inspection applications utilising Minebea Intec technologies, ensuring consistent, intuitive operation across different systems.

The modern user interface combines intuitive user guidance, ergonomic design and intelligent functions into a user interface that efficiently supports processes, particularly in sectors such as Food, Beverages, Pharmaceutical and Chemical – both today and in the future. "With Blue HMI, we have created a user interface that is at the latest technological edge whilst reflecting our vision of efficiency, clarity and user-friendliness," says Dr Thorsten Vollborn. "Winning the Red Dot Award 2025 is impressive confirmation that our development team has successfully combined functionality and design – whilst also developing a solution that supports a wide variety of Applications worldwide."

MiNexx® bench and floor scales: precision, ease of use and cybersecurity for stable weighing processes

In the field of Static Weighing, the company is presenting, among other things, its new MiNexx® series of bench and floor scales. These cover the diverse spectrum of industrial applications – from piece counting and filling to fill quantity control and quality assurance. These systems are also controlled via the advanced Blue HMI.

When it comes to cybersecurity, the MiNexx® bench and floor scales are future-proof: a three-tier user management system and high security standards in accordance with IEC 62443 reliably protect sensitive process data.

The MiNexx® bench scales offer high precision for small to medium load ranges. The MiNexx® floor scales on the other hand, are designed for demanding heavy-duty applications and offer high resolution for loads of up to 6 t. Together, they help to maintain process stability, reduce incorrect batches and material losses and make production processes more efficient and sustainable.

Utilising data, optimising processes

Efficiency is not achieved solely through precise measurement technology but also through



transparent and intelligently utilised data. With the software SPC@Enterprise, Minebea Intec will demonstrate at interpack 2026 how production data can be centrally recorded, analysed and evaluated across multiple sites.

Quality metrics can be visualised in real time, trends identified at an early stage, and deviations systematically documented. Quality assurance thus becomes a strategic control variable in the production process.

Stäubli's Steri and increases

Focus on personal exchange

Digitalisation creates transparency – but real solutions emerge through dialogue. At interpack 2026, Minebea Intec invites visitors to analyse specific challenges together with experts on site. The focus is on individual applications – with the aim of developing technically and economically optimal concepts rather than standard solutions. The result of this collaborative approach: tailor-made weighing and inspection solutions with measurable added value. Precise Weighing reduces being overfilled and saves raw materials, whilst intelligent inspection systems minimise waste and recalls. Well-designed system concepts increase plant availability and reduce downtime – a key contribution to efficient, sustainable production processes.

Anyone wishing to see how specific requirements are turned into tailor-made solutions is warmly welcome to visit interpack 2026 in Düsseldorf. In Hall 11, Stand G73, Minebea Intec will demonstrate how engineering expertise works throughout the entire value chain – from the initial idea to successful implementation. In addition, visitors will have the opportunity to use the nearby site in Aachen (Am Gut Wolf 11, 52070 Aachen) for product testing or training.

HAYER & BOECKER presents cutting-edge packing technology at interpack 2026

HAVER & BOECKER OHG will exhibit its latest packaging and filling solutions as well as pioneering advancements in AI-based processes and performance optimization under the theme AIR (Artificial Intelligence & Robotics) at interpack 2026 in Düsseldorf. At Booth A27 in Hall 12, the HAYER & BOECKER Machinery Division and its technology brands, BEHN + BATES, Feige FILLING, NEWTEC Bag, AVENTUS and QUAT2RO® will present how their solutions make bagging, filling and palletizing more efficient, precise and safe while unlocking new potential with digital tools.

The booth will feature live demonstrations of revolutionary empty bag logistics, modern robotics applications and intelligent camera recognition. A special focus will lie on the AI-powered analysis tool QUAT2RO® Connect. For further process optimization, it now offers a cloud-based dashboard showing machine performance, downtime and bottlenecks. In addition to in-booth consultations, visitors will have the opportunity to discuss retrofit concepts, new line designs and service tools with brand specialists across all showcased technologies.

HAYER & BOECKER Machinery Division

The HAYER & BOECKER Machinery Division provides manufacturers with future-oriented packing and logistics solutions for bulk materials with a comprehensive service portfolio driving sustainability and efficiency. At interpack 2026, visitors will be able to examine the latest innovations in AI-optimized processes, creating safer, resource-efficient and more reliable packing lines.

A central highlight will be a ROTO-PACKER® combined with a RADIMAT-PATHFINDER®, a

Showcasing next-generation AI-driven solutions, the Machinery Division will demonstrate powerful optimization tools from HAYER & BOECKER's AI product suite that enable safer, resource-efficient and more reliable processes.



interpack visitors will be able to experience the TOPAS M machine by AVENTUS, equipped with the live analysis and maintenance tool Q-Connect for the chemical, agriculture and animal food industries.

revolutionary system which enables manufacturers to fully automate their empty bag logistics. The PATHFINDER transports empty bags through the plant on a flexible route to cover larger distances despite space constraints. For complete automation of the bag logistics, the AMICUS® DEPAL robot depalletizes empty bags and feeds them to the RADIMAT bag applicator.

Another highlight will be the prototype of the AMICUS® SEAL robot, which can easily be integrated at the conveyor belt of an existing packing line to ensure a safe, fast and reliable sealing process using AI technology. HAYER &

BOECKER experts will be available for consultations on BESPOKE — a service for finding the suitable bag type and material that meets individual material and customer requirements.

QUAT2RO®

At the Mission Control booth, visitors will discover powerful AI-based performance tools from HAYER & BOECKER's QUAT2RO® product suite. HAYER & BOECKER will present its new AIR (Artificial Intelligence and Robotics) developments that enable manufacturers to ensure continuous process and performance optimization thanks to real-time monitoring and machine learning.

The AI-powered BAGcheck, for instance, automatically detects whether the correct bag type





Feige FILLING, a leader in efficient and safe filling equipment, will showcase its new semi-automatic ELEMENTRA® 26, a flexible pallet filling machine designed for the precise filling of highly viscous products.

is being used for the material. VALVEcheck monitors the correct opening of the valve bag and its attachment to the filling nozzle while MATEXcheck detects unwanted material leakage during the filling process in real time. The SEALcheck system automatically detects incorrectly sealed bags and ejects them before palletizing. For manufacturers, this means continuous, AI-supported quality control along the entire bagging line for greater process reliability, less product loss and consistently high packaging quality.

BEHN + BATES

BEHN + BATES, HAVER & BOECKER's food industry brand, will showcase its newest INTEGRA® IVx packing machine, which combines energy efficiency with a high level of cleanliness, even offering options for AI tools. The ADAMS® CARE-LINE edition will be of particular interest to the sensitive food sector, as it works with airtight PE bags and combines tried-and-tested components in a new system that aligns with the highest standards of sensitive food production supporting stable processes and confident quality in daily operation.

At NEWTEC Bag, granules and flake products can be packed in different bag types and sizes with the new high-capacity palletizing machine AURUM, which runs on a new motor that enables intelligent energy recovery and thus decreases operational costs.



OUTLINE: Designed for the sensitive food sector, the BEHN + BATES CARE-LINE edition works with hygienic PE-bags and combines tried-and-tested components in a new system that aligns with highest hygiene standards.

Feige FILLING

Feige FILLING, a leader in efficient and safe filling equipment, will showcase its new semiautomatic ELEMENTRA® 26, a flexible pallet filling machine designed for the precise filling of highly viscous products. Visitors can also experience the mobile version of the ELEMENTRA® 26, featuring with-surface filling mode. The highly effective design works without the use of costly compressed air and ensures safe filling without air pockets. For easy control and maintenance, all Feige ELEMENTRA® and INTEGRA® machines are now equipped with a new HMI that enables features such as electric and pneumatic circuit diagrams and extensive recipe management. The web-based interface is designed for intuitive operation with modern multi-touch functionality, supporting faster orientation for operators.

AVENTUS

For filling granulates from the chemical, agriculture and animal food industries into FFS bags, AVENTUS will present the TOPAS M machine equipped with the live analysis and maintenance tool QUAT2RO® Connect. The AVENTUS team will demonstrate remote-control options with real-time machine status, production data and error messages. Visitors can learn more about QUAT2RO® Connect at the QUAT2RO® Mission Control section. In addition, AVENTUS experts will be available throughout the show to discuss the full TOPAS machine family including TOPAS XL (2,600 b/h), TOPAS L (2,200 b/h) and TOPAS M (2,000 b/h) and how each configuration can be tailored to different products, bag types

and performance targets.

NEWTEC Bag

Packing specialist NEWTEC Bag will demonstrate its high-capacity palletizing machine AURUM for granules and flake products packed in different bag types and sizes. The palletizer runs on a new motor that enables intelligent energy recovery and thus decreases operational costs. Visitors will also be able to experience the user-friendly touchscreen interface, which enables easy bag positioning control and maintenance. AURUM is designed for bags from 5 to 50 kg and supports common bag types including FFS, open-mouth and valve bags. The line is available in three capacities: AURUM Blu (1,900 bags/hour), AURUM Bianco (2,300 bags/hour) and AURUM Rosso (up to 2,800 bags/hour) and is built for easy maintenance access and enhanced safety features such as presence detection during service work.

About HAVER & BOECKER

HAVER & BOECKER are pioneers in holistic bulk and liquid management and innovative industrial fabric solutions.

As a powerful family of technology brands and experts, they have been developing, producing and distributing high-tech fabric products, machine and plant technologies, as well as services and digital solutions for customers across all industries that aspire to technological market leadership since 1887.

In this way, HAVER & BOECKER enables producers to develop highly efficient, high-performance, safe, profitable, and sustainable products, optimize processes, and bring a unique fascination to collaborative engineering.

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From the packaging to the line: KHS presents holistic systems and solutions at interpack 2026

The KHS Group redefines line and packaging expertise: from May 7 to 13 at interpack in Düsseldorf, Germany, the Dortmund systems manufacturer will be demonstrating the benefits of perfectly attuned systems and solutions – from sustainable packaging to efficient turnkey lines. One prime example of this is the KHS Innopack Kisters Advanced series with its new resource-conserving BottleClip application option that will be on show here for the very first time. The cardboard carrying handle perfectly complements KHS' extensive packaging portfolio of market-established systems such as Nature MultiPack and premium containers KHS SUPREME and KHS Premium LITE.

Lots of decisions to buy are made right in front of the shelf. The packaging is often the trigger that decides whether a consumer makes a purchase or not. For KHS, however, the success of a product starts much earlier than this, as KHS CEO Kai Acker emphasizes: "Consumers and beverage producers alike want packaging that combines ecological and economic benefits with optimum product protection and carrying convenience." Here, the packaging is a key element in KHS' holistic line concept, he continues. "We offer our customers perfectly orchestrated turnkey systems and solutions optimally tailored to their requirements and the demands of the market. Our line concept ensures that processes are flexible, reliable and cost-effective."

Flexibility meets sustainability

One prime example of this is the KHS Innopack Kisters TSP Advanced that the Dortmund systems manufacturer will be exhibiting at interpack. Well established on the market, this machine gives operators a high level of flexibility, packing PET and glass bottles and cans on trays, in film as well as on trays or pads and film. To mark the Düsseldorf trade show, the experts at KHS have added a particularly sustainable alternative to plastic-based carrying rings to its list of possible applications: the fully-automatic packaging machine can now turn PET bottles into resource-conserving packs using the BottleClip. This cardboard handle option is available for all KHS Kisters machines in the Advanced series.

Diverse packaging portfolio

Besides its BottleClip module, KHS will also be introducing trade visitors to interpack to further innovative packaging systems such as the internationally proven Nature MultiPack that turns cans and PET bottles into robust packs using small dots of adhesive. This sustainable packaging cuts down on valuable resources and gives consumers maximum pack stability coupled with perfect carrying convenience. When needed, each container can be easily detached from the rest of the pack.

In the PET segment, KHS recently launched two groundbreaking bottle innovations to



market. With KHS SUPREME, the Dortmund systems developer has taken the protection of oxygen-sensitive beverages up to the next level. The premium bottle unites the benefits of glass and PET using KHS' globally market-proven Plasmax barrier technology – a wafer-thin layer of silicon oxide applied to the inside of the PET bottle that reliably prevents the product from oxidizing. KHS Premium LITE engineered by KHS together with Husky Technologies combines minimum material consumption with high-quality aesthetics. What's special here is that the 0.25-liter PET bottle weighing just 6.2 grams is designed to cope with top filling speeds.

Extensive services boost efficiency and economy

KHS supplements its outstanding line and packaging expertise with a wide range of services that give clients maximum line availability and process stability in the long term with a low TCO. The key to the company's success is the intensive support KHS specialists provide their customers with – working in cooperative partnership with them on an equal footing. "We always focus our work on the individual requirements of our customers – whether this be the design of a turnkey line or the overhaul of an existing machine. This is how we ensure consistently high quality, reliable performance and maximum efficiency and flexibility," states CEO Kai Acker.

Further development of the KHS ConnectApp Guide follows this strategy. In the future, the optimized software will assist users with integrated bills of materials and dynamic maintenance tasks scheduled by the number of operating hours. The KHS Connect customer portal and associated KHS ConnectApp Guide are

just two examples to be found in KHS' comprehensive digital service portfolio. This also includes its tried-and-tested InnoLine Basic Line Monitoring software, 3D line design, remote diagnostics and maintenance system ReDiS and the Augmented Reality Service.

The KHS Group will be presenting its systems and solutions at interpack in Düsseldorf, Germany, in Hall 13, Booth A31, from May 7 to 13.

Rethinking end-of-line automation at interpack in a rapidly evolving snack market

The snack industry has become one of the most dynamic areas of food manufacturing. Growth projections remain strong, with industry research indicating that most snack producers expect continued expansion over the next several years. Yet the real story is not growth alone, but the type of growth reshaping production environments.

Today's snack aisle reflects a marketplace defined by constant variation. Multipacks sit alongside single-serve formats. Club-store volumes coexist with e-commerce-ready cartons. Limited-time flavours and seasonal launches introduce frequent packaging updates. SKU counts continue to climb, and what once qualified as occasional changeovers now feels continuous.

As a result, flexibility has become an essential capability in modern snack production. Manufacturing strategies increasingly revolve around adaptability rather than scale alone. Lines must respond to variation as a normal operating condition, not an exception.

From Scale to Agility

For decades, efficiency in snack manufacturing was measured by sustained, high-volume output of a limited number of formats. Today, scale still matters, but it exists alongside a growing need for responsiveness.

Production schedules are more fluid. Retail requirements shift more quickly. Distribution channels, including e-commerce and club retail, influence pack configurations and case counts. At the same time, labour constraints and supply chain volatility continue to shape operational decisions across the food and beverage sector.

Within this environment, performance is no longer defined by speed alone. The most effective production lines are those that can adapt quickly, recover efficiently, and maintain consistency across multiple packaging formats.



Endoline Automation is set to unveil the re-engineered 7048 Fully Automatic Random Case Sealer at Interpack - the next evolution of its best-selling end-of-line system.

The Changing Role of End-of-Line Automation

Secondary packaging has traditionally been viewed as fixed infrastructure - reliable, necessary, and largely unchanged. In an environment shaped by SKU proliferation, however, it is becoming an active contributor to operational agility.

Case sealing provides a clear example. In stable, long-run production, conventional systems perform predictably. But in facilities managing frequent format changes, manual adjustments and semi-automatic interventions can introduce incremental delays. Over time, these interruptions accumulate, impacting overall throughput. Seal consistency can also vary when equipment is repeatedly adjusted under production pressure.

Random automatic case sealing systems

are designed to address this challenge. By adjusting automatically to varying case dimensions without manual intervention, they support production models where change is continuous rather than occasional. The objective is not simply high throughput, but uninterrupted flow across diverse packaging formats.

Flexibility as Infrastructure

As packaging diversity becomes a competitive advantage, the systems supporting that diversity move closer to the centre of operational strategy. End-of-line automation, once considered a finishing step, now plays a critical role in maintaining throughput, ensuring consistent case quality, and enabling future product innovation.

In this context, flexibility is no longer a feature. It is foundational infrastructure. This shift is increasingly reflected in the evolution of end-of-line systems themselves. Established platforms that once set the benchmark for reliable, high-performance random case sealing are now being re-engineered to better align with modern production realities - where footprint, usability and lifecycle efficiency are as critical as throughput.

The latest generation of these systems, including the re-engineered 7048 Fully Automatic Random Case Sealer are being showcased by Endoline Automation at Interpack 2026, reflects this broader transition toward more adaptable, space-efficient and operator-friendly automation.



When muesli bars meet robots

Minderleinsmühle picks with high efficiency using Schubert's TOG cobot

There are many ways to enjoy muesli. As a compact bar, it even slides into any pocket. Minderleinsmühle is well versed in mastering the process. The organic trailblazer turns grains into high-quality products, including muesli bars. It packs them into boxes using a packaging solution from Schubert – one which Minderleinsmühle hadn't anticipated.

The setting couldn't be more idyllic. On the border between Upper and Middle Franconia, Germany, a grouping of historic white buildings sits nestled along the banks of the Schwabach River. In Kalchreuth near Neunkirchen am Brand, Minderleinsmühle has been producing organic-quality cereal products since the late 1980s. Over the course of its long history, muesli, pasta, fruit, nuts and seeds have enriched the product range, which the company produces in the most sustainable way possible.

A new machine joins the team

Given the company's tradition-conscious approach, it goes without saying that Minderleinsmühle values craftsmanship: the production staff, for example, pack the popular muesli bars under the 'Mühlengenus' brand. The task involved manually assembling folding boxes, filling them with bars and sealing them – a process through which many bars found their way into the boxes every day – until Florian Schmiedecke and Tim Scharringhausen decided to optimise the process.

This wasn't a coincidence: the Plant Manager and the Head of the Cereals Division at Minderleinsmühle were inspired by a visit to the 2023 interpack trade fair. When they stopped by the Gerhard Schubert stand, they were quite amazed to see an agile robot quickly picking up random products from a conveyor belt and placing them precisely elsewhere. The two visitors from Minderleinsmühle were unaware that, at that very moment, they were being introduced to



Minderleinsmühle is located on the border between Upper and Middle Franconia and has been an organic trailblazer since the late 1980s.

Schubert's AI-powered TOG pick & place robot – a technology that would soon be packaging bars in Kalchreuth.

Packing in the smallest of spaces

The space where the future has been unfolding at Minderleinsmühle for some time now measures a mere 1.5 by 1.4 metres. Florian Schmiedecke, Tim Scharringhausen and Hannes Häusler, Head of the Cobot Division at Schubert, were clearly delighted in autumn 2025 as they watched the agile robot pick up the compact Mühlengenus bars one by one from a feed belt

and place them precisely into manually assembled folding cartons. An infeed chain guides them past the robot. "For us, the TOG cobot represents an enormous leap forward, both technologically and in terms of teamwork," says Scharringhausen, describing the single-arm robot that has been successfully carrying out its automated tasks since spring 2024.

So, what exactly took place since interpack 2023? "We had been wanting to introduce partial automation for quite some time," says Schmiedecke, describing the initial thinking. "Our goal was to box quickly and without time-consuming format changes, as trained staff were in short supply and the monotonous task was unnecessarily tying up available capacity." The visit to interpack turned out to be a stroke of luck that set the course for big changes to come. A large installation was out of the question for Minderleinsmühle: the available space was only sufficient for an extremely compact solution. "We were excited when we saw just such a solution at Schubert's stand. Until then, we had only been familiar with the TLM machines. So we were even more curious, and we immediately struck up a conversation with Schubert's cobot specialists," recalls Scharringhausen.

The cobot team did a fantastic job, both in Düsseldorf and later in Upper Franconia: the technology the small group had gathered around in 2025 quickly proved to be the right solution for Minderleinsmühle. Not only because it places up to 70 bars per minute into a total of nine types of folding cartons with different packing configurations. It also performs the task with a high degree of autonomy, as it 'sees' what is in front of it thanks



A visit to Franconia: Hannes Häusler, Head of Cobots at Schubert (centre), together with Tim Scharringhausen, Head of Cereals at Minderleinsmühle (left) and Plant Manager Florian Schmiedecke

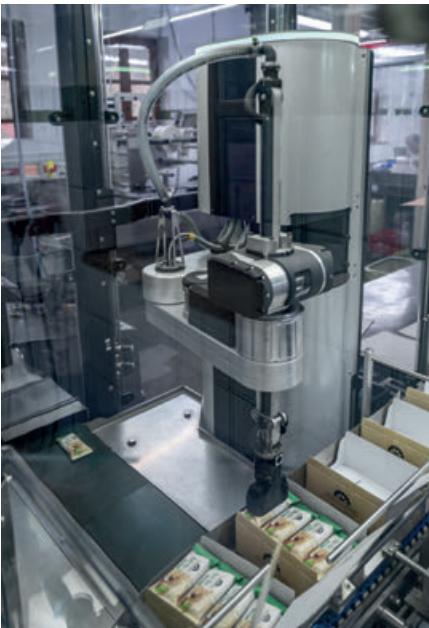


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Greater performance with AI

No two bars are alike: the variety of flavours mean differently printed flowpacks, all of



Schubert's TOG robot places up to 70 bars per minute into a total of nine types of folding cartons with various packing configurations.

which need to be identified and placed correctly. The task is tailor-made for a system that recognises the products thanks to special 'training' and grips them securely. Using a camera and a neural network – a type of robot brain – the TOG can identify, pick up and place objects it has never seen before. Unlike traditional algorithms, which define a rule for every single product, with AI, a category such as bar, pouch or bottle is essentially sufficient.

"Another unique feature makes the robot exceptionally precise," says Hannes Häusler, pointing to the infeed conveyor that feeds the folding cartons to the robot. "It controls them fully automatically so that it can place the bars with millimetre precision." This ensures that all bars are perfectly positioned inside the carton.

The compact unit, which has sparked so much enthusiasm in Kalchreuth, was also up and running very quickly: only two days passed between delivery and the production start. Because the TOG is housed in a flexible automation cell and the customer had prepared the installation perfectly, the robot was able to set off for Bavaria by lorry and begin picking the first bars shortly afterwards. For Tim Scharinghausen and his colleagues, this was a joint achievement that left a lasting impression: "Our staff operated the TOG flawlessly from day one. With Schubert, we had an exceptionally strong introduction all around – something I've never experienced with any other system."

<https://www.schubert.group>



Gerhard Schubert GmbH is a globally recognised market leader in top-loading packaging machines (TLM). For its digital, robot-based packaging machines, the family-owned company based in Crailsheim (Baden-Württemberg, Germany) builds on an interplay of simple mechanics, intelligent control technology and high modularity. With this philosophy and a highly developed culture of innovation, the company has been pursuing an entirely independent technological path for 60 years.

With its TLM technology, the machine manufacturer provides its customers with future-proof packaging machine solutions that are easy to operate, flexible in terms of format conversion, high-performance, and stable in function. The TLM packaging machines pack products of all types and from all sectors – from food, confectionery, beverages, pharmaceuticals and cosmetics to technical products – into trays, cartons, boxes or into flow-wrap bags.

Well-known global companies in the consumer goods and pharmaceutical industries rely on Schubert's automation solutions, as do numerous small, medium-sized and family-owned companies. Founded in 1966, the second generation of the company now employs 1,800 people.

Learn more at:
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Process reliability and hygiene in focus

Stäubli will showcase its expertise in food and pharmaceutical packaging with groundbreaking innovations at Interpack. The robotics leader has expanded its portfolio of hygiene-compliant four- and six-axis robots to include a mobile pharmaceutical robot that works even under aseptic conditions – a true global first.

In sensitive sectors such as food, pharmaceuticals, and medical technology, specific laws, regulations, and the strictest hygiene standards apply. Requirements like these create a barrier to entry, which is why standard robots are typically found in the secondary packaging sector.

For all other tasks, such as packaging open food or filling vials with liquid pharmaceuticals, robots must meet the strictest hygiene requirements, including sterility. Process reliability, dynamics, and precision are also among the key criteria.

With numerous model variants of four- and six-axis robots, Stäubli can precisely meet industry-specific requirements. The supplier recently added two more innovations to this unique portfolio. "At Interpack, we will demonstrate two practical demo applications as well as the TX2-60L Stericlean+ in the hollow wrist version and



The TX2-60L Stericlean+ with hollow wrist. Unparalleled cleanliness and enhanced decontamination



AccessPharma for Class C environments ensures fast, reliable automation in non-aseptic areas

easy cleaning, and contamination-free design, it is the ultimate solution for pharmaceutical manufacturers seeking safety and operational excellence.

Specialized designs: From HE and H1 to Stericlean+ and Stericlean+

Both the SCARAs of the TS2 series and the TX2 six-axis units have proven their capabilities in the humid environment (HE) configuration with food-grade oil (H1) across all applications in food production. These four- and six-axis robots are also available in the Stericlean version for operating under aseptic conditions. For direct use in isolators in highly aseptic GMP Grade A pharmaceutical environments, Stäubli offers the Stericlean+ variant, the ideal robot for the strictest requirements.

For the first time at Interpack, Stäubli will exhibit the TX2-60L in the Stericlean+ version with the optional hollow wrist. "With these robots, the

Sterimove, the world's first mobile robot able to operate under aseptic conditions. This is a milestone for the pharmaceutical industry," says Rudolf M. Weiss, Global Head LIFE Robotics of Stäubli Robotics.

Sterimove: a globally unique concept

Sterimove is more than an innovation. This mobile robot represents a decisive contribution to safer, more productive and more reliable pharmaceutical production. It also sets new standards for mobile robotics in Grade A/B/C/D environments. Sterimove minimizes contamination risks from manual intervention, increases productivity, and ensures safety and reliability in the most sensitive environments. Thanks to its modularity,



TS2-80 HE

A ceiling-mounted Stäubli SCARA robot inspects 1,200 rusk slices per minute on a baked-goods manufacturer's production line. © Bolletje



TX2-160 HE



Stäubli TS2 series SCARAs and the TX2 sixaxis robots in the humid environment (HE) configuration with foodgrade (H1) oil excel for food production applications.



Stäubli's Sterimove mobile robot minimizes contamination risks and increases productivity in Grade A/B/C/D environments

engineers have taken the hygienic design to the extreme with a completely closed structure from the base to the flange. The hollow wrist model offers unparalleled cleanability and improves decontamination processes compared to the standard model," says Weiss. Cleaning processes are simplified, and the robot's design also prevents particles from adhering to the coating. The

Stericlean+ with hollow wrist option for the TX2-60 and TX2-60L models is now available to order.

Practical application demos

At Interpack, Stäubli will also demonstrate the performance of its robots through two demo-applications, specifically in the food and pharmaceutical sectors. In an AI-optimized, robot-assisted food application, a TS2-80 SCARA in HE and H1 design will display its high dynamics in handling unpackaged food. The highlight: This SCARA is equipped with a newly designed bellows made from FDA-compliant materials, making it suitable for use in direct contact with food.

A second cell will demonstrate the advantages of using a TX2-60L Accesspharma for secondary packaging of pharmaceuticals. With the recently launched Accesspharma, which focuses on Grade C cleanroom environments, Stäubli closes the loop with fast, reliable automation solutions for non-aseptic areas. This allows customers to avoid the significantly larger investment required for more complex model variants.



Above: Filling and Packaging radiopharmaceuticals on a fully isolated and automated production line. © C-Ray Therapeutics Group

Below: Fully automatic secondary packaging of parenteral products into single-dose blister packs © Uhlmann Pac-Systeme



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About Stäubli

Stäubli is a global industrial and mechatronic solution provider with four dedicated Divisions: Electrical Connectors, Fluid Connectors, Robotics and Textile, serving customers who aim to increase their productivity in many industrial sectors. Stäubli currently operates in 28 countries, with agents in 50 countries on four continents. Its global workforce of 6,000 shares a commitment to partnering with customers in nearly every industry to provide comprehensive solutions with long-term support. Originally founded in 1892 as a small workshop in Horgen/Zurich, Switzerland, today Stäubli is an international Group headquartered in Pfäffikon, Switzerland.
<https://www.staubli.com/global/en/home.html>

About Stäubli Robotics

Stäubli Robotics is a leading global player in robotics, consistently delivering engineering as effective and reliable as our services. A complete solutions provider for digitally networked production, Stäubli offers a broad range of 4- and 6-axis robots including robotic arms designed specifically for sensitive environments, mobile robots, driver-less transport systems (AGVs) and cobots for human-robot collaboration.

Robotic automation for industrial applications
| Stäubli
<https://www.linkedin.com/company/staubli-robotics/>

The Full Package: Ishida Europe to showcase latest innovations that address food manufacturing challenges at Interpack 2026

In May 2026 Ishida will be returning to Interpack, the leading global packaging trade show, to showcase innovations that support food manufacturers in their quest for efficient, safe and sustainable food production.

Interpack will take place from 7–13 May 2026 at the Messe Düsseldorf Exhibition Center in Germany. On stand 14/A40 in Hall 14, Ishida will be demonstrating its latest solutions, including the market leading CCW-AS multihead weigher range, the recently introduced IX-PD photon counting dual energy X-Ray inspection system, the recently acquired Robot Grader, and the QX 800 tray sealer, designed for high-capacity food production.

Interpack 2026 will see Ishida's stand divided into four product areas, which are multi-head weighing, quality control, fresh food (including protein) and snacks packing, these four areas are showcasing a total of more than 30 solutions. Each zone will have dedicated experts on hand to address and solve food manufacturers' unique challenges.

A notable highlight of Ishida's exhibition is its fresh food zone where the company is demonstrating its tray sealer range, including the recently launched QX-800 model for high-volume production lines. The QX-800 offers perfectly sealed trays in a compact, energy efficient designs



that allows tool changes in under five minutes. Importantly, Ishida's QX-800 is capable of handling skinpack applications, an increasingly popular method of sealing fresh meat and fish as more manufacturers look towards sustainable packaging solutions and to reduce packaging materials.

Alongside the four dedicated areas, Ishida will reveal how its smart solutions move manufacturers toward Industry 5.0 principles by adopting its remote monitoring and production software, Sentinel 5.0. This system includes functions that help with connectivity, traceability, remote diagnostics and paperless proof of compliance, all of which are rising challenges in the food manufacturing sector.

Steve Jones, Marketing Director of Ishida Europe, said: "We are thrilled to be returning to Interpack. It is always brilliant to come together as an industry and engage with our customers. Every three years, Interpack provides a unique opportunity to exchange information, understand challenges, learn, showcase solutions and introduce innovations, and Ishida are always here to lead the way!"



CCW-AS Multihead



<https://www.ishidaeurope.com/en/>



The IX-PD photon counting dual energy X-Ray inspection system

Bizerba at interpack 2026: Innovative and intelligent solutions for sustainable, future-proof inspection and product handling processes

From May 7th to May 13th, 2026, the interpack processing & packaging trade show will take place in Düsseldorf. Under the motto "simply unique", BIZERBA will present automated end-of-line processes, as well as integrated inspection systems to a large professional audience. BIZERBA can be found in hall 14, booth C55.

Demands are rising in the Food Industry: efficiency, automation and sustainability are becoming increasingly important. At interpack, BIZERBA will showcase two central highlights: a fully automated end-of-line solution and a holistic ecosystem of integrated inspection solutions. Both demonstrate how production and quality assurance processes can be intelligently networked.

Andreas W. Kraut, CEO of BIZERBA, explains: "We integrate all solutions into a unified digital system landscape, creating sustainable transparency as a foundation for data-driven optimization."

BIZERBA as a Comprehensive Solution for All Packaging and Inspection Processes

BIZERBA presents integrated end-of-line solutions for seamless packaging and production processes. The systems combine weight control and quality inspections with labeling, automated case handling, and palletizing - resulting in a fully integrable end-to-end solution.

"Our technologies can be seamlessly integrated into existing production lines while simultaneously enhancing operational efficiency. This reduces manual interventions, stabilizes processes, and measurably increases overall equipment effectiveness," says Fred Köhler, Managing Director of the Business Unit Industry at BIZERBA. Companies can thus design their processes efficiently and future-proof.

Another highlight is the live demonstration of an integrated inspection line as a central element of the end-of-line solutions. BIZERBA will also unveil the new X-ray inspection generation iXH. With optimized image processing and AI-assisted evaluation, it can reliably detect foreign objects even in complex product structures or when density differences are minimal. "With iXH, we capture what conventional systems have previously missed - at full line speed," says Alexander Toppelreiter, Director Global Industry Sales at BIZERBA.

As a world premiere, BIZERBA will also introduce a metal detector that surpasses the typical technical industry standards.



The Packaging Industry Becomes Greener and Smarter

Sustainable and intelligent solutions are gaining importance. At interpack, BIZERBA will present a variety of innovative and sustainable technologies to a broad number of professionals.

One example is CleanCut®-technology. It enables a particularly resource-efficient product labeling while reducing production interruptions through a flexible labeling system.

The product portfolio is supplemented with inspection systems that enhance product safety, such as LabelSecure and LeakSecure. LeakSecure uses a gentle CO₂ detection technology to reliably identify leaks in packaging - preventing early spoilage of food products. The system can inspect any MAP-packaging contactlessly and can be integrated directly into production processes.

Software as the Backbone of Future-Proof Production

The packaging industry faces major challenges as it works to integrate AI and robotics into sustainable processes and materials. This requires technological understanding as well as readiness for change and innovation.

With BRAIN2, as BIZERBA's software solution, production processes can be digitally managed and optimized. The modular system connects machines, inspection systems, and

automation solutions, enabling transparent OEE analyses, continuous order processing as well as complete quality and traceability documentation.

Expert Presentation at the Trade Show

Beyond its exhibition booth, BIZERBA offers another highlight: Florian Stifel, Head of Product Unit Dynamic Marking and Inspection Systems and Product Unit Digital Solutions, will present a technical lecture titled: "Minimizing Risks, Strengthening Food Brands - with Innovative Material and Inspection Solutions." The presentation will take place on May 12, 2026, from 14:20 to 14:40 in the SPOTLIGHT Forum. Florian Stifel will provide insights into current developments and practical solutions from the industry.

Book Your Appointment Now and Experience Bizerba Live!

Visit BIZERBA at interpack 2026, hall 14, booth C55, and discover intelligent, holistic solutions for your production processes.

BIZERBA

<https://www.bizerba.com>



interpack 2026: LoeschPack and Hastamat demonstrate integrated packaging solution

LoeschPack and Hastamat will be showing efficient and sustainable packaging solutions for the food sector at the world-leading interpack trade fair in Dusseldorf. On the joint stand in Hall 14, C22, the German packaging machine manufacturers will be showing a fully integrated packaging line and further new items from their range for the first time. The focus is on continuous packaging processes from a single source – from primary packaging to the super-market shelf.

The joint packaging line from Hastamat and LoeschPack will be premiered at interpack 2026. Multiple machines perfectly integrated to each other will demonstrate live how rectangular products are packaged efficiently, precisely and in a manner which is gentle on the product and material – from feeding to packaging tubular bags, weighing, dosing and packaging in the sustainable block bottom bag. In addition, both companies will be showing a wide range of machines and complete packaging line systems for different packaging steps and sectors. "We provide our international customers with specific packaging solutions which are tailored specifically to their products and requirements. True to our company pledge 'Packaging your ideas...', we realize the ideas of our clients – from the individual machine to the complete packaging line", says Olaf Piepenbrock, Executive Partner of Hastamat, LoeschPack and the Piepenbrock business group.

Tailor-made packaging lines from a single source

The combined Line of the LOMATIC feed and distribution system and LoeschPack's FHW-S optimized horizontal flow-wrap system with the CP14 multi-head weigher and Hastamat's new KBM block bottom bag machine. All the packaging materials used are recyclable and support sustainable packaging concepts. LoeschPack's and Hastamat's close cooperation pursues a clear goal: that of providing food manufacturers with

individually engineered packaging systems from a single source. By pooling their technological expertise, the sister companies develop tailor-made solutions which are designed for the exact product, process and production environment. "Instead of standardized concepts, we produce integrated lines with which we provide complete solutions for the individual challenges our customers face. In the process, our common guiding principle 'Packaging your ideas...' stands for maximum customer partnership – from the first idea to the completed packaging line", says Dr. Ferdinand Schwarzfischer, Chief Technology Officer at LoeschPack.

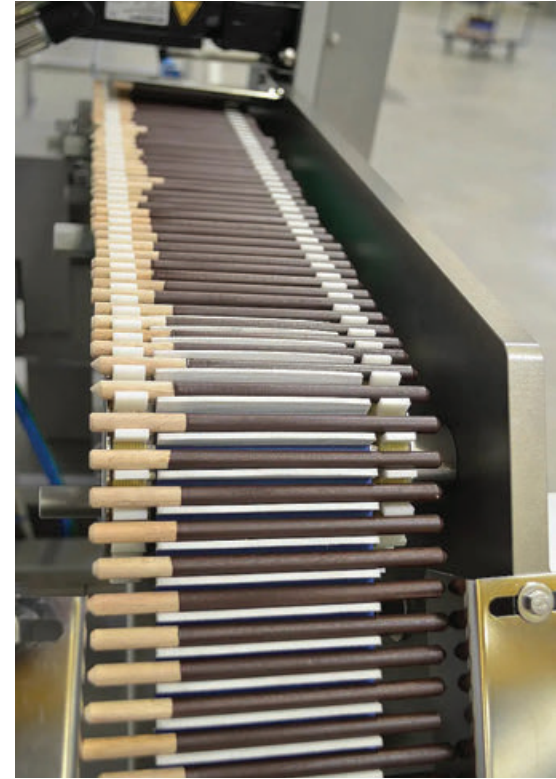
Feeding and distributing products efficiently

The LOMATIC, with its modular construction, feeds downstream machines in all output ranges, and achieves up to 190 rows per minute in the process. At interpack, alongside rectangular products, it will also be distributing chocolate, biscuits, waffles and cereal bars. The hygienic design facilitates simple cleaning and fast format changes while maintaining a compact footprint – a clear advantage for flexible production environments.

Optimized flow-wrap packaging

With the new FHW-S machine generation, LoeschPack will be introducing a particularly compact, maintenance-friendly and easily accessible flow-wrap machine. The horizontal machine for cold and hot sealing applications runs without external compressed air, thus reducing energy and operating costs notably. Simplified operation, the optimized film web control and reliable and fast format changes increase the production reliability and reduce downtimes. In combination with a high-performance infeed specific to the respective project, the FHW-S packages up to 2,100 products at a film speed of up to 205 meters per minute – even with alternative, paper-based packaging materials. Additionally, modern 3D





product checks make for constantly high product and packaging quality.

Weighing technology for the highest precision

After primary packaging, Hastamat takes on the pre-packaged products and feeds them to the CP14 multi-head weigher. The fully automatic combination weigher facilitates precise, reliable weighing and counting. Both bulk and stick-shaped products can be dosed on the same machine, depending on the design. With up to 140 weighments per minute, it provides the perfect combination of efficiency and high flexibility, short changeover times and maximum dosing accuracy for the widest range of applications.

New block bottom bag solution for varied products

Hastamat is reviving its KBM series again with the new block bottom bag machine. The particularly versatile packaging system produces square sealed bags with exactly formed bases. The empty bags which are pre-fabricated on the vertical form-fill-seal machine, are filled and sealed on a horizontal conveyor belt. At the same time, the KBM processes different bag head shapes on a single machine – for example, as an upright header with clip or folded over once or multiple times and secured with a label or adhesive strip. "Our new, improved machine can be used flexibly for many products, it fits in seamlessly in complete packaging lines and can be controlled jointly with our multi-head weigher. The short drop distances of this machine are perfectly suited to our weighers as a packaging combination for sensitive products. The modular construction with the individual processing stations of the new machine facilitates optimum adaptation to bag shapes and outputs. We will be demonstrating just how this all works in practice at interpack where the KBM will be packaging the products counted on the multi-head weigher, the top edges of which are folded and secured with an adhesive label", explains Thomas Bornemann, Director Sales & Marketing at Hastamat.

LoeschPack
PIEPENBROCK GROUP

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LoeschPack is one of the technological and innovative leaders when it comes to packaging machines and complete lines for packaging chocolate, chewing gum, confectionery, long-life bakery products, food and non-food. LoeschPack has been active in these dynamic sectors since 1919, standing for the highest quality demands, flexible and economically viable packaging line concepts and complete service with innovative service products available around the globe.

- | | |
|---|--|
| Product range: | Sectors: |
| <ul style="list-style-type: none"> • Complete packaging lines • Feeding, distributing and buffering • HFFS flow wrapping systems • Fold wrapping machines bars • Cartoning systems • Tray loaders | <ul style="list-style-type: none"> • Chocolate • Chewing gum and Confectionery • Cookies and wafers • Granola and protein • Pharma • Food and non-food |

Find out more about
Loesch Verpackungstechnik:
<https://www.loeschpack.com>

Hastamat
PIEPENBROCK GROUP

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Hastamat Verpackungstechnik GmbH + Co. KG develops and manufactures premium packaging machines and packaging lines with a production location in Germany, and also has a global sales network. Products include vertical form, fill and seal machines, multi-head weighers and stackable chip packaging lines. Hastamat has been impressing with creativity and innovation, based on decades of experience, ever since 1953. Modern and rational production methods and comprehensive quality management form the basis for technically sophisticated, efficient and high-quality machines and lines.

- | | |
|---|--|
| Product range: | Sectors: |
| <ul style="list-style-type: none"> • Buffering, feeding/ distribution systems • Multi-head weighers • Dosing systems • Counting systems • Product transfer systems • Vertical form, fill and seal machines • Stackable chips packaging lines | <ul style="list-style-type: none"> • Sticks • Biscuits and confectionery • Fresh and frozen goods • Powdered products • Snacks and crackers • Pet food • Non-food |

Find out more about
Hastamat Verpackungstechnik:
<https://www.hastamat.com>

Smart packaging solutions since 1893: IWK sets sustainable impulses for pharma and cosmetics with premieres at interpack

At interpack 2026 in Düsseldorf (Hall 15, Booth C20), IWK Verpackungstechnik GmbH will present three fully live-producing machine lines, providing strong impulses in the fields of Smart Manufacturing, Innovative Materials, and Future Skills. As a system supplier, IWK showcases the entire process chain – from packaging development through safe filling and sealing to shelf ready solutions with end of line technologies. The focus is on flexible, process reliable production solutions and innovative service offerings for the pharmaceutical and cosmetics industries, as well as for non food and food applications. Anticipating the megatrend of sustainability, visitors will discover solutions using innovative materials at the IWK booth.

Flexible, sustainable pharmaceutical packaging

In the field of secondary packaging, IWK will present for the first time at interpack the latest generation horizontal cartoning platform. At the show, the CH4 cartoner will package injection pens into sturdy cardboard trays that are automatically inserted into folding cartons. Both the folding cartons and trays are produced by partner Kartonveredelung Knapp.

The CH platform combines precise carton positioning with high flexibility and outstanding energy efficiency. An innovative servo drive recuperation system significantly reduces energy consumption by up to 21%. The linear process layout allows for fast, reproducible, tool free format changes. Thanks to its modular design, the platform is highly future proof and suitable for a wide range of applications in pharmaceuticals, cosmetics, and non food.

Process reliable ultrasonic sealing technology

IWK is also setting new standards in tube filling technology. Tubes are sealed using ultrasonic technology, which offers several advantages over the conventional hot air process. High frequency mechanical vibrations generate the required heat directly within the material, allowing the sealing surfaces to be welded locally and with exceptional control. This makes the process highly energy efficient. Even with creamy, oily, or pasty products, clean, secure, and reproducible seals can be achieved. In addition, the ultrasonic unit is immediately ready for operation, as it requires no heating or cooling of sealing jaws.

For premium segments such as pharmaceuticals and cosmetics, flawless seam quality is critical. This technology therefore expands the possibilities for high quality tube sealing. Since no external heat is applied, both the material and decoration are protected, resulting in a visually clean and narrow weld seam – an aesthetic

advantage for sophisticated brand presentations. At this station, IWK will also demonstrate a microdosing solution.

As the inventor of the tube filling machine, IWK has stood for maximum reliability, hygienic safety in accordance with GMP standards, and impressive performance ranges of 70 to 760 tubes per minute since 1893. Precise chain conveyors, smooth stainless steel surfaces, and a clear separation between drive and filling areas enable fast, clean, and safe filling processes – particularly important for sensitive pharmaceutical products.

Sustainable material diversity on the fastest blister machine

A special highlight at the IWK booth is the card to card material variability of the CABLblue 870. The system produces robust, full cardboard blisters entirely without single use plastics, thereby addressing key requirements of the new EU Packaging and Packaging Waste Regulation (PPWR).

The blister system clearly demonstrates its future readiness: at interpack, the machine processes four different fiber based materials – virgin material, recycled fiber, grass fiber, and Silphium – simultaneously within an integrated forming and sealing process, a world first. IWK engineers will showcase how high quality full cardboard blisters can be manufactured efficiently, resource savingly, and with stable processes even under new regulatory conditions.

The lidding cards and matching blister hoods are supplied and premium produced by packaging specialist Karl Knauer KG. Live on the booth, a bamboo toothbrush and a toothpaste tube will be packaged – two products that exemplify the trend toward plastic free packaging solutions.

With its modular design, ergonomic stations, and exceptional material diversity, the CABLblue 870 not only meets current market demands but also future regulatory requirements for recyclability, material reduction, and sustainable packaging design. It is ideally suited for cosmetics, DIY products, medical technology, and pharmaceutical applications – industries in which sustainable packaging transformation is progressing particularly rapidly.

With its card to card technology, IWK



positions itself as a forward thinking design partner that does not merely react to market changes but actively develops new solutions. The CABLblue 870 exemplifies how IWK develops innovative technologies that support companies in transitioning to paper and fiber based packaging – making a decisive contribution to plastic reduction, compliance with future regulations, and the establishment of a true circular economy.

Comprehensive service portfolio

In addition to the numerous trade show highlights, IWK will present further key topics from its overall portfolio as well as service offerings in the areas of maintenance and aftersales. IWK Service focuses on global availability, technical expertise, and comprehensive support throughout the entire machine lifecycle. This includes preventive maintenance, rapid spare parts supply, process optimization, and a broad training program at the Technical Training Center. The goal is maximum machine availability, safe production processes, and fast response times – whether by phone, digitally, or directly on site.



<https://www.iwk.de>

Innovation simplified: TNA helps food manufacturers do more with less at interpack 2026

As food manufacturers face ongoing labour shortages, rising costs, and increased demands, TNA Solutions will bring a clear focus to interpack 2026 (7–13 May, Messe Düsseldorf): Innovation simplified.

Exhibiting in Hall 14, Stand C56 & D56, TNA will unveil new intelligent, integrated solutions to help snack and confectionery producers future-proof their production lines without adding complexity or increasing the burden on already stretched workforces. The showcase will focus on line-level thinking, demonstrating how packaging, seasoning, distribution, confectionery, processing, and digital technologies deliver the greatest value when engineered as part of a connected ecosystem.

Visitors will see the latest development in TNA's packaging portfolio, alongside the new tna roflo® conveying technology. Through live demonstrations, TNA will also showcase how intelligent integration enables smoother product flow, fewer stoppages and faster recovery when conditions change, helping manufacturers protect productivity and reduce operational strain.

For confectionery producers, TNA will spotlight new mogul enhancements designed focussed on factory floor priorities, including improved energy efficiency, faster and easier cleaning to reduce downtime and labour, and enhanced safety features designed to help prevent contamination risk.

• 10 May 2026

Smarter food manufacturing through immersive intelligence

Presented by Simon Hill, exploring how XR, digital twins and connected intelligence can strengthen operator capability, accelerate training, support predictive maintenance and reduce risk.



"Food manufacturers are under pressure to deliver more consistent results with less waste — of time, energy and operator effort," said Michael Jonson, CEO of TNA Solutions. "At interpack, we'll show how simplicity in design and operation, translates into real, tangible gains across the entire production line: faster changeovers, fewer interruptions, lower maintenance demands and smarter upgrades that make sense for both new and existing equipment. Intelligent integration can be a game changer for food producers in 2026 and beyond."

Doing more with less in a constrained labour market

With labour availability and skills shortages continuing to challenge manufacturers worldwide, TNA's interpack presence will highlight how simplified line design and reduced manual intervention can help maintain throughput while easing the load on operators and maintenance teams.



Health, wellness and greater attention to processes

As health and wellness expectations continue to reshape food manufacturing, TNA will also showcase advances in its batch frying technology. The focus is on greater process control and consistency, enabling producers to develop better for you snacks while maintaining the taste, texture and shelf appeal consumers expect, without sacrificing throughput.

Digitalisation that supports operators, not overwhelms them

Digital tools are becoming essential across food manufacturing, but complexity remains a barrier to adoption. At interpack, TNA will demonstrate how digitalisation can support, rather than overwhelm operators, with clearer interfaces, improved visibility and more intuitive control.

A key highlight of the stand will be tna intelli assist™, an immersive extended reality (XR) experience that allows visitors to visualise how simplicity at line level improves performance from product flow and control points to system interaction and future upgrades, when technologies are designed as a whole.

Thought leadership at the Spotlight Forum

TNA will contribute to the interpack Spotlight Forum with two sessions exploring how intelligent design and digitalisation are shaping the future of food manufacturing:

• 9 May 2026

Where innovation meets simplicity: future proofing packaging lines

Presented by Simon Hill, Group Product Innovation Manager, and Ian Richards, Group Solution Specialist Manager – Packaging

Responsibility beyond the stand

In line with its commitment to sustain-ability beyond business, TNA will run a ticket-to-donation initiative during interpack. Customers can register their interest and stand a chance to get a complimentary ticket to interpack. For every customer registration using TNA's complimentary code, the company will donate the equivalent cost of a one-day interpack ticket (€70) to the Nadia and Alf Taylor Foundation.

Visit TNA Solutions at interpack 2026, Hall 14, Stand C56 & D56, from 7–13 May in Düsseldorf, Germany. To arrange a meeting with the TNA team or request a complimentary registration code, visit

<https://interpack.tnasolutions.com/>



tna food processing & packaging solutions
<https://tnasolutions.com>

Tekpak Automation to showcase pick-and-place robotic cell at interpack 2026

Tekpak Automation will demonstrate the benefits of robotics for manufacturers across the food, beverage and pharmaceutical industries at interpack 2026, with a LIVE working demonstration of a pick-and-place cell on Stand A15/Hall 16.

Tekpak is known for solving complex packaging line challenges with proven, modular automation. Built on over 25 years' experience supporting pharmaceutical and food manufacturers, its systems are designed to integrate seamlessly with existing lines, fit constrained spaces and enable tool-less changeovers.

Tekpak's team of experts will be on hand at interpack to showcase the firm's portfolio of automated packaging solutions. The centerpiece will be the TD3/R Series – a dynamic 3-axis robotic pick-and-place cell suitable for loading or stacking products into trays, cases, cartons, a thermoformer or a flow-wrapper infeed.

Ideal in cleanroom environments or where space is limited, the compact automated system is inherently flexible, offering rapid size change capability and boasting a quick-change gripper for multiple formats. Highly accurate thanks to robot positional accuracy of +/- 0.1mm and position tracking using vision control, the system also offers manufacturers superior product control, gentle



handling and optimal safety functions – along with easy-to-use controls and accessible touch-screen displays.

“Rising energy costs, labour shortages and increasing operational pressure are putting significant strain on manufacturers' margins, and many are being forced to rethink how their lines perform,” says Frankie Rose, Technical Sales Manager at Tekpak. “Our accurate, reliable and modular automation solutions are helping customers reduce operating costs while improving OEE. We're looking forward to demonstrating how our pick-and-place technology delivers this in practice at interpack.”

Beyond pick-and-place, Tekpak supports a wide range of applications, from cartoning and case packing to full packaging lines, with turnkey integration available where required.

Taking place in Düsseldorf from 7-13 May 2026, interpack is the world's leading trade fair for the packaging industry and will once again highlight the latest equipment, innovations and trends across a multitude of sectors.

To find out more about how Tekpak Automation's range of automated packaging solutions can help to futureproof your business, visit Stand A15/Hall 16 at interpack 2026, or go to <https://www.tekpackautomation.com>



Pharmaceutical labeling in focus at interpack 2026

Requirements for labeling pharmaceutical and healthcare products continue to increase. With the upcoming reform of EU pharmaceutical legislation, requirements are expected to become even more stringent in the years ahead. Traceability, validation, labeling quality, and process reliability will be more critical than ever. At Interpack 2026 (Hall 16, Booth D72-3), HERMA will demonstrate how these challenges can be reliably addressed as part of the Packaging Valley joint exhibit. The focus will be on three labeling machines specifically designed for pharmaceutical and related applications, including the new 152E HC. "In highly regulated industries such as pharmaceuticals, as well as healthcare and cosmetics, it is more important than ever that labeling solutions deliver maximum process reliability while remaining flexible enough to integrate into existing production environments," says Tobias Erhardt, Head of Sales and Service at HERMA Labeling Machines.

New solution for smaller production volumes

The new 152E HC wrap-around labeling machine is ideally suited for pharmaceutical contract packers. It handles a wide range of product formats while requiring only a minimal number of change parts. Many pharmaceutical requirements are already implemented as standard, including audit trail and batch reporting capabilities, laser coding, camera inspection, and reject handling via a dedicated conveyor. This is made possible by the standardized design based on HERMA's new CleanDesign concept, which also enables shorter delivery times. The 152E HC achieves speeds of up to 200 products per minute while fully meeting pharmaceutical labeling requirements. Thanks to its compact footprint and ease of operation, it integrates seamlessly into existing production environments. At Interpack, it will be on display with a Keyence vision system and a Domino CO₂ laser for permanent and precise marking.

Robotics automates manual product feeding

Another highlight is the robot-assisted labeling cell HERMA 211R HC. It has been specifically developed to enable compliant labeling of small batch sizes, for example in clinical trials or personalized medicine. The integrated robot automatically removes products from trays, positions them precisely in the labeling station, and places them back after labeling. This replaces what has often been a manual feeding process and significantly reduces the risk of human error. Labeling is performed using a HERMA 500. After labeling, a sensor verifies label presence and the printed variable data. Only correctly labeled products are transferred to the accepted goods tray.

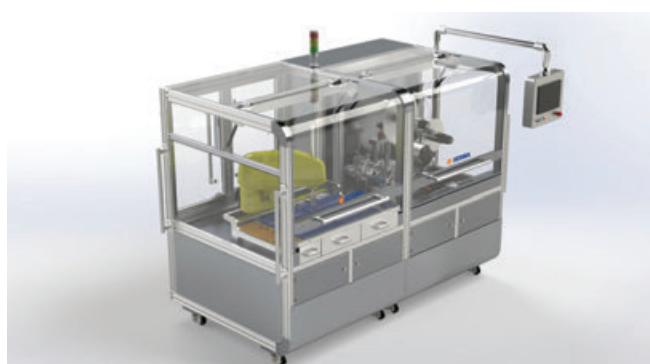
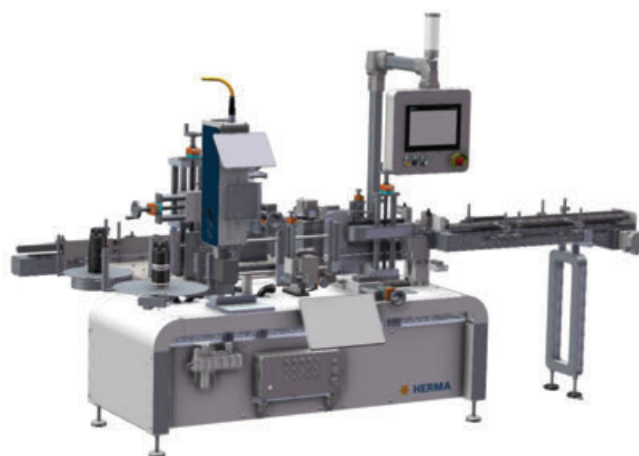
High-performance labeling for large-scale pharma lines

For high-throughput applications, HERMA will present the wrap-around labeling machine HERMA 132M HC. It is designed for pharmaceutical manufacturers with demanding performance requirements and can label up to 600 products per minute. At the show, the machine will be equipped with a thermal transfer printing system and a pharma-compliant vision inspection system. This combination ensures reliable verification of labels, print data, and variable information. A servo-driven rotary starwheel with integrated overload protection ensures safe handling of sensitive products such as vials, even at high speeds.

Digital services increase system availability

To further optimize system availability, HERMA will also showcase its digital service offerings, including remote diagnostics and a training platform with a wide range of videos and tutorials for self-guided learning on operating and troubleshooting HERMA labeling machines. These digital tools are complemented by traditional services such as upgrades, retrofits, custom modifications, and service contracts with tiered service levels. "Against the backdrop of increasingly stringent regulatory requirements—such as the upcoming EU pharmaceutical reform and stricter traceability requirements in other markets like the United States—it is essential to ensure that labeling processes are safe, transparent, and reliable," says Erhardt. "HERMA solutions help manufacturers meet these requirements efficiently and in a future-proof way."

<https://www.herma.com>



Top: Covers a wide range of pharmaceutical products as standard while requiring minimal change parts: the new 152E HC wrap-around labeling machine is designed especially for contract packers.

Above: The robot-assisted labeling cell HERMA 211R HC has been specifically developed to enable compliant and reliable labeling of small batch sizes, such as those used in clinical trials or personalized medicine.

Below: Ideal for high-throughput applications: the wrap-around labeling machine HERMA 132M HC is designed for pharmaceutical manufacturers with demanding performance requirements and can label up to 600 products per minute.

