

Press release

Syntegon Technology

interpack 2023: Syntegon launches game-changing SVX VFFS series

- Several configurable variants covering all common vertical form, fill and seal applications
- Revolutionary cross-seal drive for ultimate control and high output
- User-oriented design: front cylinder with curved sliding doors for unique operator access
- Built-in peace of mind: designed for service and access to Synexio monitoring tool

Weert/Netherlands. May 4, 2023. Visitors to interpack can bear witness to a landmark innovation in high-speed vertical bagging: With its brand-new SVX series [Syntegon](#) launches four machines for the most common vertical form, fill and seal applications in different food industries. "The new VFFS machine series combines high pack style flexibility with intuitive functionalities, giving frozen food, bakery, confectionery, and snacks producers a leg up on competition," says Martin Boutkan, product manager at Syntegon. "Thanks to a wealth of easy upgrade options and access to Syntegon's digital services, the SVX series helps customers keep up with market trends while running stable processes at all times." State-of-the-art monitoring via the cloud-based solution Synexio allows to optimize production, while Syntegon's value-packed Service Agreements ensure maximum uptime and performance, including maintenance, parts management, and tailored training packages.

Revolutionary cross-seal drive for ultimate control and high output

At its booth, Syntegon presents two SVX variants, which will be launched this year along two other SVX models: during live demonstrations, visitors can experience the new technology firsthand. The SVX Agile forms the basis for all single tube applications. The machine covers all basic tubular bag styles and can be upgraded with modules for corner sealed bags, 3-sided seal bags, doy-style, and doy zip bags. In contrast, the SVX Duplex features two film lanes on the same 1,220 mm wide frame, leading to higher output rates for basic bag styles such as pillow, gusseted and block bottom bags.

The core innovation of all SVX variants is a cross-seal drive consisting of four independently controlled servo motors. The optimized solution, which currently has pending patents, gives manufacturers full control over the vertical and horizontal movement, ensuring reliable seals. Thanks to a combination of four motors and low inertia, the drive contributes to achieving highest outputs. "Customers are always looking for solutions that can produce reliably tight cross seals for added product safety. The SVX makes sure this is the case without compromising on speed. Depending on the bag parameters as well as the dosing of the product, the SVX Agile achieves outputs of up to 300 bags per minute with one film lane," Martin Boutkan explains.

Chairman of the Supervisory Board: Marc Sirobel
Managing Directors: Dr. Michael Grosse,
Dr. Walter Bickel, Dr. Peter Hackel,
Uwe Harbauer, Johan Nilsson

Phone +49 7151 14 0
E-Mail press@syntegon.com
Website www.syntegon.com/press
Twitter @Syntegon

Visitor address
Stuttgarter Straße 130
71332 Waiblingen

Syntegon Technology GmbH
Postfach 11 27
71301 Waiblingen
GERMANY

When it comes to bag sizes, the SVX considerably extends the range compared to previous machines: The novel series can produce bags that are up to 400 millimeters wide – providing full flexibility for both bag sizes and styles. “If brand owners want to extend their portfolio to bigger bags, they don’t have to acquire another machine. The SVX is a future-proof solution that can handle the full bag range of different VFFS industries,” Boutkan points out.

Novel design: front cylinder for unique user experience

In terms of design and overall aesthetics, the SVX series also stands out: a front cylinder with curved sliding doors redefines machine manipulation and ease of access. Upon opening, the doors relocate to the back part of the cylinder, making sure they do not obstruct operators during the daily work. Moreover, the easily accessible film lane behind the cylinder offers enough space to install two printers.

Good accessibility is a key characteristic of the control unit as well: the central cabinet with latest Beckhoff technology does not contain any mechanical components and can easily be reached from both sides. The lack of side doors further allows operators to carry out safe, on-the-fly adjustments on printers without stopping the machine.

Designed for peace of mind

“Customers continuously seek to maximize uptime and optimal performance of their packaging lines. Maintenance plays an important part in this regard, which is why we have designed the new SVX series as an easy to operate, reliable and robust system,” Boutkan explains.

In this regard, Syntegon’s vast array of Service Agreements helps food producers ensure efficient start-up and smooth production at all times. In order to strengthen the partnership with SVX customers, Syntegon offers its Service Agreement packages which comprise proven Syntegon services for all maintenance needs at a fixed price. From reducing production risks to gaining predictability over service costs and simplifying complex processes, seven dedicated service levels help Syntegon customers make unplanned downtime a thing of the past. With each level, the customers’ responsibility decreases, while the scope of covered services increases – from basic, including inspection and remote service, to guaranteed production performance of the machines. From Level 4, customers have peace of mind about their equipment’s reliability through preventive maintenance by Syntegon experts. Besides preventive maintenance and operator training, services at this level include all spare parts and Synexio at a fixed cost.

Converting data into action

Besides thorough maintenance support, peace of mind calls for complete transparency on machine components and production, as it allows to live-track progress or bottlenecks. In combination with Syntegon’s cloud-based monitoring solution Synexio, the SVX series supports manufacturers with this complex task. To this effect, the VFFS machine itself comprises advanced in-built sensors and a self-diagnosing system. Synexio, in turn, works as a magnifying glass for the data generated with this technology: the tool supports manufacturers in the acquisition, evaluation and visualization of machine and production information whenever and

wherever they need it. This data ultimately enables them to analyze, interpret, and predict key production processes.

This works in more than one way: Syntegon will offer Synexio in three consecutive packages. The basic "Monitor" package visualizes various KPIs like equipment status or rejects that help companies take data-based action – for optimized production and capacity management. Customers who are interested in Synexio can test the "Monitor" package during a trial phase to fully familiarize themselves with the solution and take an informed purchasing decision. "After our customers have already successfully used the basic package, they are now ready to upgrade to the next level," says Elisa Hein, Product Manager Expert Services at Syntegon. At this year's interpack, Syntegon will be presenting the second Synexio package, "Uptime". "With this, we increase the level of detail: in addition to machine availability, customers can now identify concrete potential for improvement, for example, by visualizing the most frequently occurring reasons for stops," explains Elisa Hein.

SVX Agile and SVX Duplex on show

Visitors to Syntegon's booth at interpack have the chance to experience the **SVX Agile** as a stand-alone machine solution producing pillow bags. It is suited for all industries, ranging from frozen food, nuts, confectionery, and chocolates up to bakery snacks and cookies.

The **SVX Duplex** will be shown as part of a one stop-shop confectionery solution for jellies – from kitchen, processing and depositing equipment to primary packaging and cartoning. The jellies are dosed and fed in by a versatile 36-head weigher to demonstrate high outputs. At the booth, the SVX Duplex is combined with Syntegon's RPP pick-and-place robot, which places the bags in carton trays preformed by the Kliklok ACE carton erector.

Learn more about Syntegon technologies and services and meet the experts from May 4 to 10 at booth A31 in hall 6 at interpack 2023 in Duesseldorf.

###

Images:



With the SVX series, Syntegon launches a game-changing solution for a wealth of VFFS applications

The newly designed front cylinder allows easy operator access during the daily work



The lack of side doors allows to carry out easy, on-the-fly adjustments to the printers



Contact

Jela Grubesa
Spokesperson Product Communications Food
+49 7151 14-2159
jela.grubesa@syntegon.com

About Syntegon

Processing and packaging for a better life – this is what 5,800 Syntegon employees work for every day. Be it with individual machines, systems, or services, Syntegon helps its customers in the global pharmaceutical and food industries to improve people's lives. The company, which is headquartered in Waiblingen, Germany, looks back on more than 160 years of experience and achieved annual sales of 1.4 billion EUR in 2021. In the pharma sector, the company's intelligent solutions enable the safe and high-quality production, processing, filling, inspection, and packaging of liquid and solid pharmaceuticals. In the food industry, Syntegon's flexible and reliable technologies produce and pack confectionery, dry food, frozen food, and dairy products. With 1,100 service experts and a comprehensive service portfolio throughout the entire machine lifecycle from spare parts management to digital line optimization, Syntegon lays the foundation for smooth production processes for all customers. More than 30 sites in almost 20 countries keep a firm eye on Syntegon's impact on the environment and society. Syntegon is a leader in the development of sustainable packaging solutions, reduces the energy consumption of its machines and pursues ambitious goals to lower its emissions. www.syntegon.com