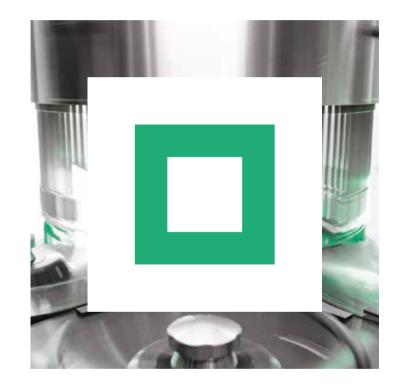


### Processing and for a better life. Processing and packaging



Processing and packaging for a better life – this is what Syntegon works for every day, and it does so with fairness and passion and its sights firmly set on the future.

Our innovative technologies and

services contribute to supplying long-lasting and high-quality food as well as qualitatively flawless and safely packaged medicines to people across the globe.

We are your go-to global partner for pharmaceuticals and food processing and packaging technology. With our intelligent and sustainable solutions, we are in the perfect position to meet your needs.

Everything we do, we do to make your story a success story.

Count on it.

Service employees worldwide

S Iocations

1.4 billion

years of experience

Description of the state of the

Impressed? Just wait until you see the facts

Syntegon sets standards for others to follow

packaging solutions and delivering tailored

manufacturing processes designed to make

high-quality products with utmost reliability.

Anything goes, from the 150-meter production

Individual machines, systems, services:

when it comes to developing innovative

line to the 0.5-millimeter spare part.

And that pays dividends for you.

And all of it comes from a single source.

behind these figures.

6 7 0 0 0 0 machines installed world-wide

## What drives us – 365 days a year.

**Our mission** 

**Processing** and packaging for a better life

**Our vision** Intelligent and sustainable solutions for everyone



We hone our customers' competitive edge

### What we pledge to do for every customer.

Our machines and services stand for reliability.





We're never satisfied until our customers are delighted.

We improve the quality of life with innovative solutions.



## 160 years' experience. Always one step ahead.

### 1861

Geiger & Hesser sets up shop. The company came to be known as the cradle of German packaging machine engineering. It has been part of Syntegon since 1977.

Robert Bosch Apparatebau GmbH is established.

1975

Eisai Machinery sells the first automatic inspection machines to detect particles in injection solutions. Eisai Machinery has been part of Syntegon since 2012.

### 1911

Hesser builds the first fully automatic packaging machine for coffee. This success story continues at Syntegon today.

1958

Höfliger + Karg unveils the first automatic capsule filling machine. It is a predecessor of Bosch GKF units ranging all the way up to the GKF HiProTect. Höfliger + Karg joined Syntegon in 1970.

1991

Dispensing isolators are used for the first time on ampoule filling and sealing machines. Syntegon customers have since deployed several hundred such isolators.

### 2016

The world's first sealed paper packaging, developed in a joint effort with BillerudKorsnäs, debuts. This sustainable mono-material packaging solution contains no plastic components and is fully recyclable.

2015

Reclosable Doy-Zip stand-up pouches are used for the first time on a vertical bagger. Since then, Syntegon has advanced the state of the art in this technology several times.

2014

The linear motor technology for horizontal packaging machines replaces the chain conveyor, enabling reconfiguration to new formats at the touch of a button.

## 2020

2021

Syntegon has entered strategic partnerships with global pharmaceutical companies for the development of new continuous manufacturing processes for oral solid dosage (OSD) forms. The cooperation is based on the Xelum platform developed by Syntegon in 2016.

2021

Syntegon develops individually configurable robotics pick-and-place platform and sets standards in the automation of packaging lines.

To improve your numbers, go with ones and zeros.



Intelligent solutions – digital and then some.

People, machines, processes, IT – everything and everyone is connected. Industry 4.0, a collective term for everything from sensors and software to databased services, harbors vast potential for customers. The benefits in terms of quality, efficiency, and predictability extend throughout the entire value chain.

The Syntegon vision calls for intelligent and sustainable solutions for everyone. By intelligent, we mean that our connected and self-learning technologies are smart, sophisticated, and holistic by design, yet simple and easy to use.

## Sustainability is surprisingly affordable.

Syntegon not only continuously reduces its own CO<sub>2</sub> emissions, but also makes the production of food and medicines more sustainable with its resource-saving technologies. Our machines are designed to maximize the protection of people, resources, and the environment.

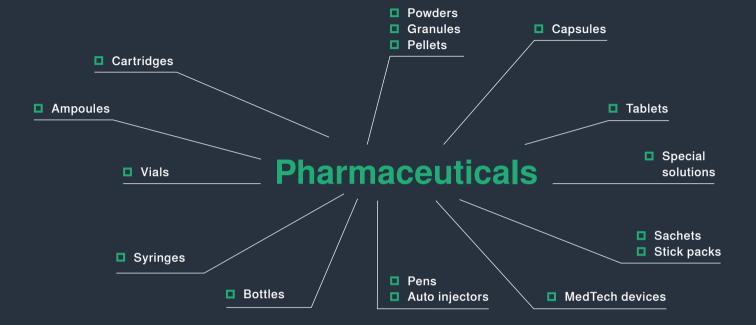
We draw on our know-how to drive the shift to sustainable packaging solutions. We support our customers in the transition to environmentally friendly packaging materials – from paper to monomaterials to bioplastics. Our express goal is to ensure our machines do not increase costs during this transitioning.

Here, too, the adage holds true: less is more.



Paper can be an alternative to plastic for certain types of packaging. Syntegon develops machines that shape and size paper to fit. We can also convert deployed machinery to paper materials.

## The leader in 30+ segments.





We have a deep well of experience to draw on in nearly all segments of the pharmaceutical and food industries. This expertise brings you the benefits of efficient production processes with optimized total operating costs, utmost product safety, and competent consulting. As a system vendor, we shoulder all the responsibility for holistic solutions, regardless of scale and industry.





### **Process technology**

Process systems for biopharmaceutical and pharmaceutical production, systems for clean utilities - we can offer all this and more to you.

## Liquid



Whatever you wish to produce - powders, tablets, pellets, or capsules - we can furnish the right process technology from laboratory-scale solutions to entire manufacturing lines.

## dosage forms



We provide solutions for every step, from cleaning, sterilizing and depyrogenizing to filling and sealing ampoules, cartridges, vials, and syringes - all from a single source to suit your needs.

## Millions of active ingredients. Hundreds of technologies. One mantra: Product safety.

### Solutions for the pharmaceutical industry

Our preconfigured lines and custom solutions facilitate delivery, maximize quality, and help ensure global availability for your medicines.

### **MedTech devices**



Our portfolio ranges from manual over semi- to fully automatic machines to assemble, label and pack medical and diagnostic devices.

#### Inspection technology



Our visual cosmetic and particle inspection and container closure integrity testing systems assure your products' quality.

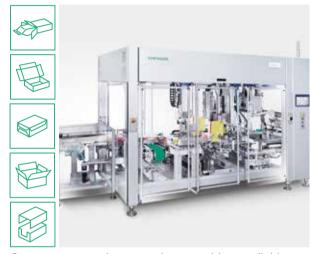
## Whatever the pack count, 10 or 1,500 a minute, you can count on us.

### Horizontal



Our feeding and packaging machines produce attractive and sustainable flow-wraps to protect bars, cookies, and baked goods.

#### Secondary packaging



Our cartoners and case packers provides a reliable and robust box sized to fit: small or large, interlocking or glued, with or without a lid.





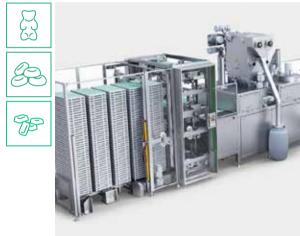
#### **Paper-forming Technology**

From pure paper to barrier papers, our paper forming technology offers sustainable packaging solutions with eye-catching 3D effects for food and non-food products.

## Solutions for the food industry

Our standardized standalone machines, custom builds, and system solutions enable you to efficiently produce and package foods in quality containers.

### Process technology for confectionery



From ingredients to finished products, we cover all your needs for the production of your confectionery products: kitchen and depositing technology, drying and cooling, product finishing and more

#### **Vertical packaging**



Our range features precise dosing units and efficient vertical baggers that combine convenient product handling with high output and easy cleaning.

### Filling machines for liquid food



Whatever you need – clean, ultra-clean, or aseptic packaging; filling, sealing, or end-of-line machines – you are sure to find the perfect fit in our portfolio.

# From an inceptive idea to the ultimate upgrade ...





As a full-service provider, we deliver fully integrated, end-to-end solutions. Our specialists seamlessly dovetail our modular machines with entire processing and packaging systems, and connect third-party vendors' systems.



## ... true partnership.

#### Innovative services tailored to your needs

A comprehensive service portfolio lays the foundation for smooth production processes. We at Syntegon support you throughout the entire machine life cycle, from spare parts management to digital line optimization. Service contracts are a key element of our portfolio structure. We minimize production risks and we maximize the efficiency of your equipment by working with you as equal partners.

Together, we tailor our solutions to your individual needs. You benefit from fixed conditions and guaranteed services. Our global network of experts supports you with maintenance planning, technical support, and modernizations, as well as operator training and end-of-life services.

#### **Locations in Europe**

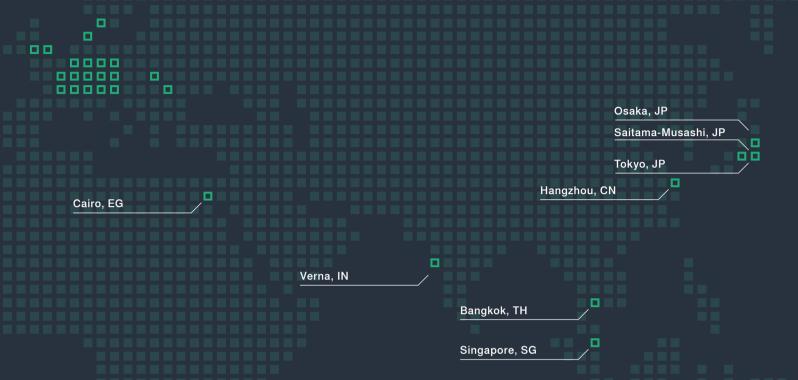
- Beringen, CH
- Bristol, GB
- Crailsheim, DE
- Derby, GB Dierdorf, DE
- Dresden, DE
- Frankfurt am Main, DE
- Königsbrunn, DE
- Krefeld, DE
- Remshalden, DE
- Sandved, DK
- Rotterdam, NL
- Schiltigheim, FR
- Schopfheim, DE
- Ternitz, AT
- Trenčiaskana Turná, SK
- Vallensbaek, DK
- Waiblingen, DE
- Weert, NL

22



Barueri, BR

67,000 machines. 1,100 service experts. One language: Quality.



Johannesburg ZA



# Responsibility for 5,800 employees ...

Fairness, passion, reliability, and futureorientation – these are the values that set Syntegon apart as a business partner and employer.

Syntegon is a magnet for creative, hard-working people who are driven by curiosity and excited about cutting-edge technology. We expect our people to think and act like entrepreneurs, take responsibility, and hone their skills. And we place them in roles that are best suited to their strengths and skills.

## ...and our environment.

We embrace our social and ecological responsibility and are committed to the principles of compliance, which includes those of the United Nations Global Compact – the world's largest corporate sustainability initiative. As part of our ESG (Environment, Social, Governance) strategy, we pursue specific goals and hold ourselves to high standards.

Ecovadis also conducts an annual assessment to rate our efforts toward sustainability.



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