

CO CREATE.
CO SUCCEED.

SYNTEGON

Your reliable partner.

For horizontal flow wrapping machines



6.100

employees

64.000

machines in the installed base

Count
on it.

30

locations

50

years in business

1.3 billion

euros annual sales

1.100

service specialists

2.000

patented inventions

Syntegon Technology is your reliable partner for process and packaging technology in the global pharmaceutical and food industries. Whether you are an aspiring start-up or a global market leader, we offer intelligent and sustainable solutions for everyone.

Individual machines, systems or services – as a full-service provider, we take responsibility right up to fully integrated end-to-end solutions. Fields of application in the pharmaceutical industry are the production, processing, filling, inspection and packaging of liquid and solid active ingredients in all common

packaging materials. In the food industry, we offer solutions for the primary and secondary packaging of dry, liquid and frozen food as well as process technology for the production of confectionery.

We are at your side from project planning, development and implementation to comprehensive digitization, qualification and validation services. In addition, you always have access to our worldwide network of service specialists who support you throughout the entire machine life cycle.

Your reliable partner.

Always at your side.

Pack style consultancy – tailored to your product

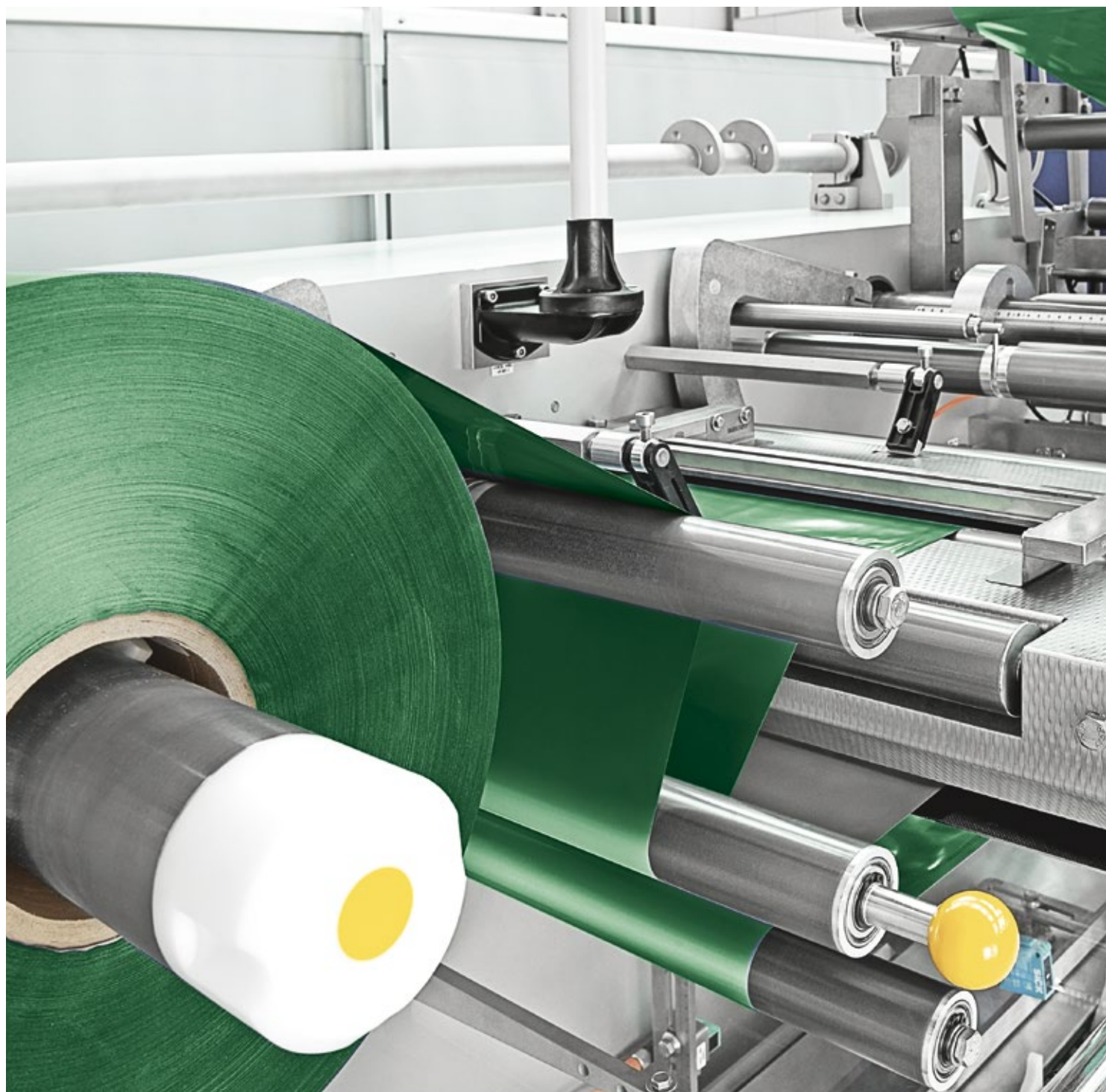
You are planning to introduce a new packaging style for your product and are looking for support with planning and implementation? We will be happy to advise you, either directly on site or at our testing center in Beringen, Switzerland. Please let us know your requirements, and we will select suitable system components for you.



Flow wraps.

Economical and safe packaging

Visually appealing, cost-efficient and extremely flexible: Flow wraps are the all-round solution for the packaging of food products and other piece goods. Both classical and modern designs are available, and the variety of packaging options is almost limitless. Choose your optimal sealing technology – for high-quality packaging combined with efficient production processes.



Your partner

You need a tailor-made, all-round solution for your packaging? Syntegon is your partner of choice. With over 50 years experience and more than 2500 flow wrapping machines delivered to customers all over the world, our know-how is second to none. We will give you comprehensive advice on film materials, various sealing technologies and packaging design. Our expertise will be invaluable for the flexible, high-quality and economical packaging of your products.

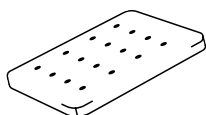
The choice is yours!

Our portfolio includes various types of horizontal flow wrapping machines as well as fully automated, seamlessly integrated systems with output capacities of up to 1500 packages per minute. Our systems are suitable for a variety of products, including chocolate, biscuits and baked goods, bars as well as frozen food and other solid goods such as detergent tabs. They also can be used for the packaging of pharmaceutical products such as BFS cards or tablets in blister packs.

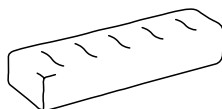
Horizontal flow wrapping machines

They are the key components of your packaging system. Thanks to high availability and process safety, our horizontal flow wrapping machines achieve an exceptional OEE.

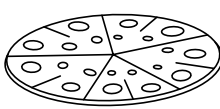
Industries



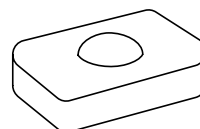
Biscuits



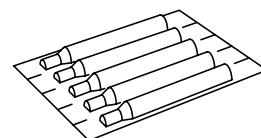
Bars



Frozen food



Detergent tabs



Pharma

YOUR BENEFITS

- ▣ Robust systems with modular design
- ▣ Optimal system integration
- ▣ Fast format changes
- ▣ Gentle product handling
- ▣ Reduced downtimes for cleaning and maintenance
- ▣ Uniform, simple operator interface
- ▣ Optimal accessibility and hygienic design
- ▣ Strict separation of product and packaging material handling

Sealing technologies.

It's all about choosing the right one.

Only the perfect combination of temperature, pressure, sealing time and film type will produce the desired result. Depending on your preferred packaging style, we will develop the ideal solution for your product. On request, our test laboratory in Beringen, Switzerland, will carry out extensive tests before you decide on the sealing process you want. Our experts look forward to working with you!



Rotary, cold

Rotary sealing means that the sealing jaws are rotating synchronously towards each other. When the jaws connect, the lacquered film is compressed and cut along the cross seam. Rotary sealing is particularly suitable for temperature-sensitive products and high output.



Rotary, hot

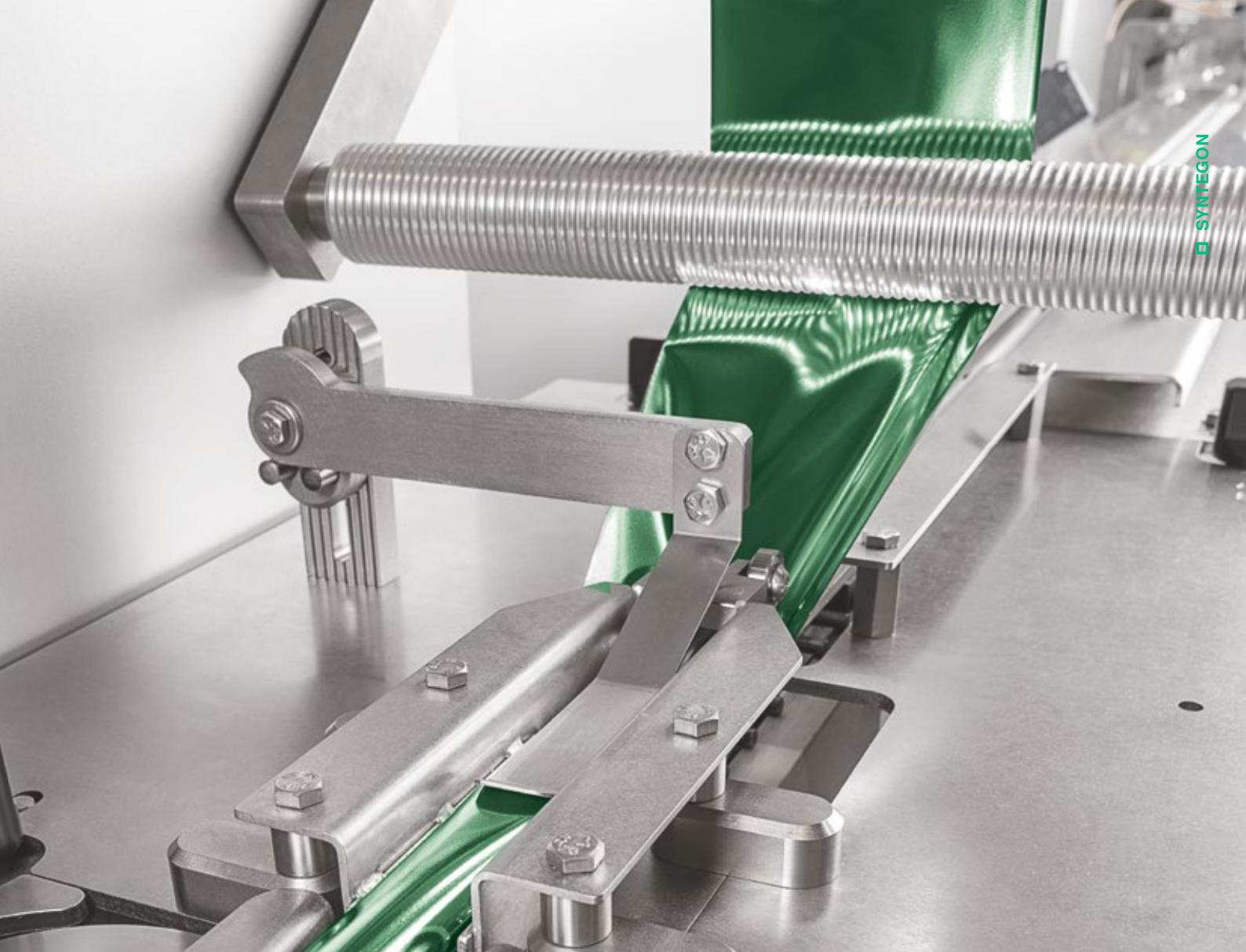
In rotary heat sealing, the sealing jaws are heated. When the sealing jaws meet, the inner film coating melts so that the film is sealed.



AHS-Sealing, hot

The principle of Amplified Heat Sealing is based on two sealing shafts synchronously rotating towards each other. The structure of the cross-sealing unit moves alongside the film. This results in a dwell time up to four times longer than normal rotary sealing while operating at the same speed.





Rotary, Ultrasonic

Ultrasonic sealing for longitudinal and cross seams allows the production of hermetically sealed packages of the highest quality. Using this technology, the product is not affected by heat as this is only generated inside the film. The sealing jaws remain cold.



LongDwell, hot

In the LongDwell procedure, the sealing jaws run alongside the film. This results in a dwell time up to 40 times longer compared to rotary sealing. This system is particularly suitable for the production of hermetically sealed packages.



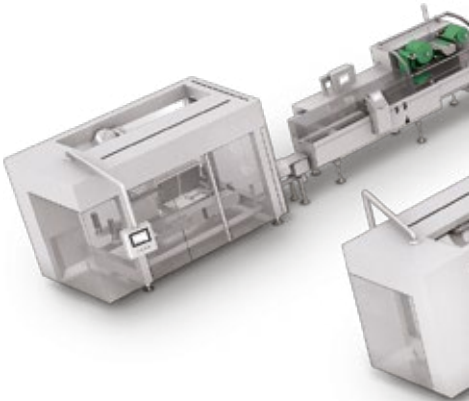
LongDwell, Ultrasonic

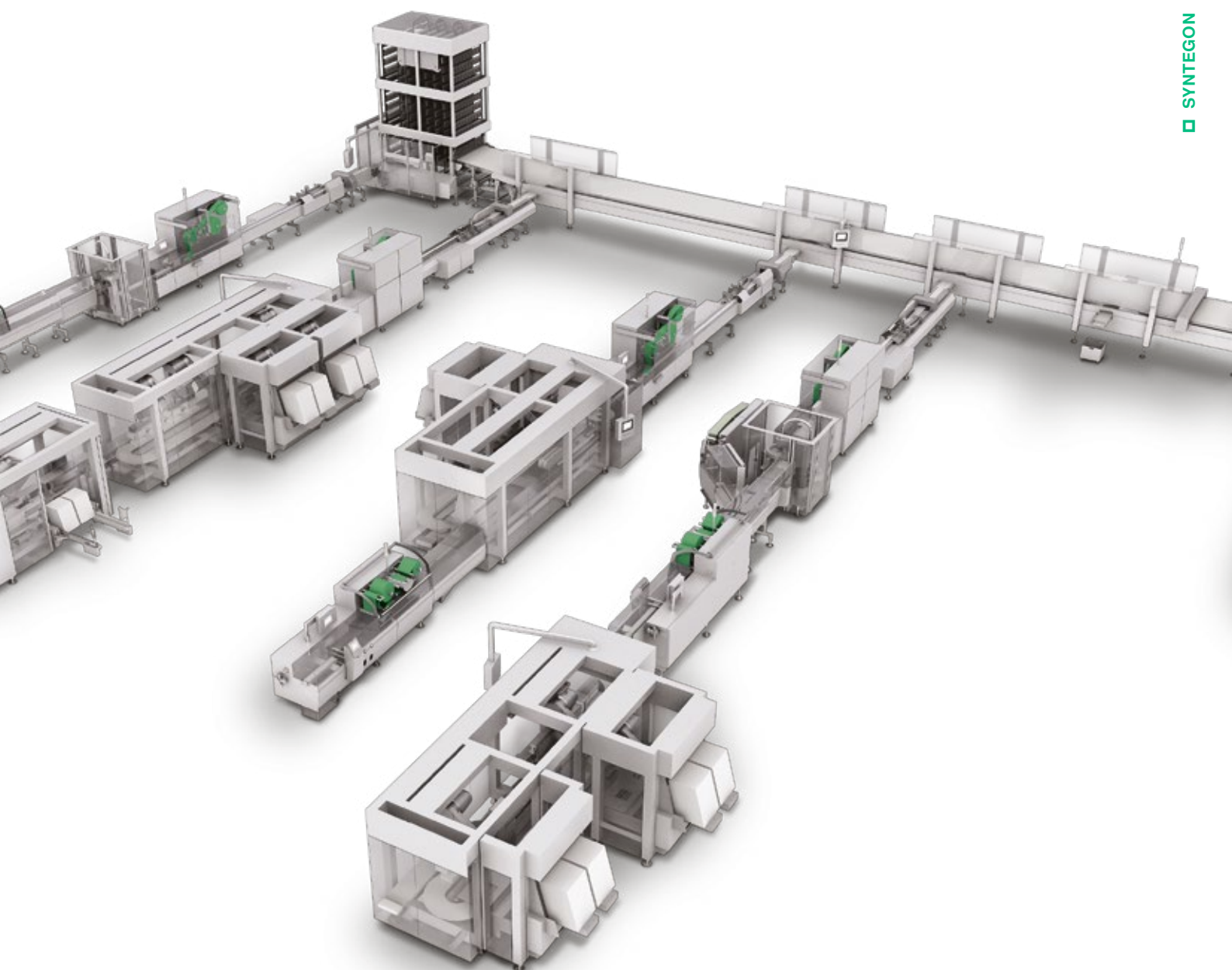
LongDwell sealing is also available with ultrasound technology. Using this technology, the product is not affected by heat as this is only generated inside the film. The sealing jaws remain cold.

Systematic success.

Faster and more flexible packaging.

Whether you are seeking a packaging system for a product that is tried and tested or completely new, Syntegon offers you state-of-the-art, reliable technologies with a focus on top efficiency, maximum performance, and the highest level of flexibility.



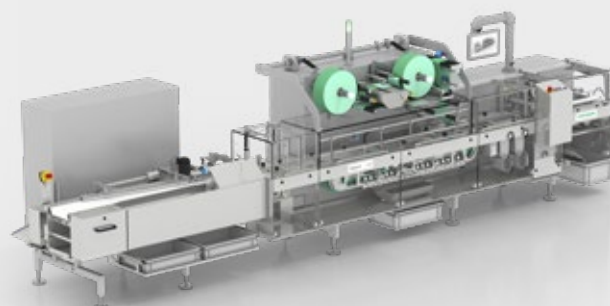


Seamless. One System.

Backed by our many years of experience in system integration, we help you to successfully implement your ideas and visions. We specialize in seamlessly integrated systems made up of perfectly coordinated components, always tailored specifically to your requirements. You receive a perfect overall solution

consisting of product distribution systems, feeds, primary packaging in flow wraps as well as multi packs and secondary packaging. The uniform control platform for the entire system ensures optimal operation and contributes significantly to overall equipment effectiveness (OEE).

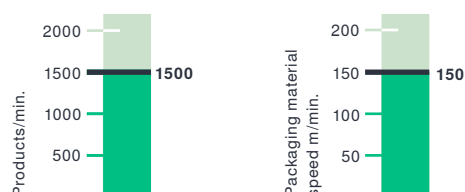
Overview of machine portfolio.



Sigpack HRM

High-performance packaging machine

Maximum Performance



Sealing Technology

Rotary, cold / hot



Product Dimensions

Product length:	25 to 180 mm
Product width:	10 to 90 mm
Product height:	to 50 mm

Products

Bars, chocolate, wafers, mini chocolate bars

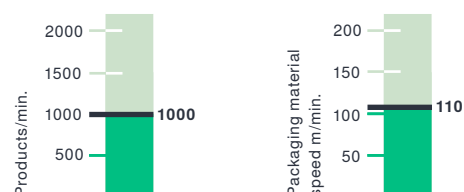
Pack Styles



Sigpack HCM

Medium-performance packaging machine

Maximum Performance



Sealing Technology

Rotary, cold / hot



Product Dimensions

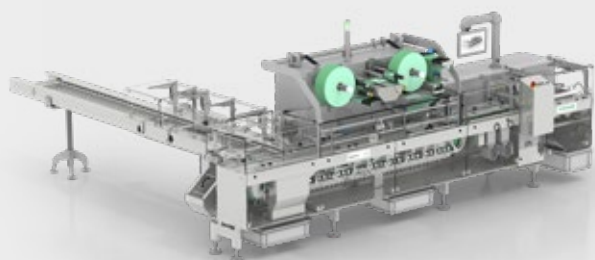
Product length:	50 to 500 mm
Product width:	10 to 335 mm
Product height:	to 130 mm

Products

Bars, biscuits, trays, multipacks, carton packages, wafers, sandwich biscuits, cupcakes, tabs

Pack Styles

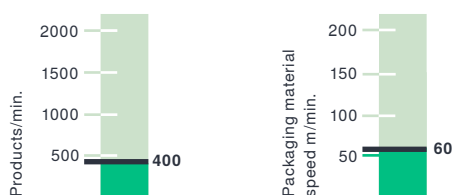




HCS

Packaging machine for slug applications

Maximum Performance



Sealing Technology

Rotary, hot



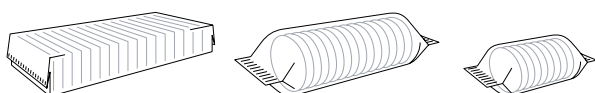
Product Dimensions

Product length:	50 to 270 mm
Product width:	to 185 mm
Product height:	25 to 80 mm

Products

Biscuits, cookies, wafers, sandwich biscuits

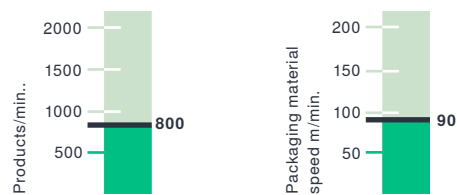
Pack Styles



HCM / HCS with AHS

Medium-performance packaging machine, extended sealing time (AHS)

Maximum Performance



Sealing Technology

AHS, hot



Product Dimensions

Product length:	50 to 270 mm
Product width:	10 to 90 mm
Product height:	to 70 mm

Products

Biscuits, wafers, sandwich biscuits, bars

Pack Styles



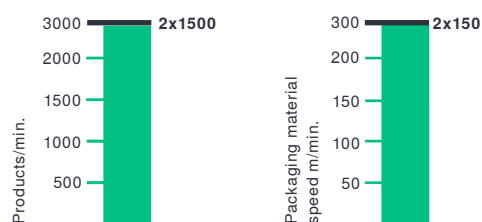
Overview of machine portfolio.



Sigpack HRD

High-performance packaging machine, dual lane

Maximum Performance



Sealing Technology

Rotary, cold



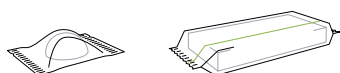
Product Dimensions

Product length:	25 to 100 mm
Product width:	16 to 50 mm
Product height:	6 to 24 mm

Products

bars, mini chocolate bars

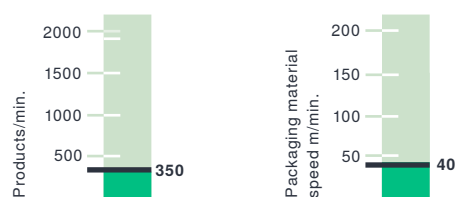
Pack Styles



Sigpack HML / HMUL

Low-performance packaging machine for hermetically sealed packages

Maximum Performance



Sealing Technology

LongDwell, hot;
LongDwell, Ultrasonic



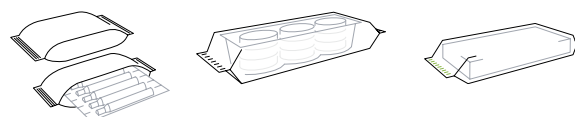
Product Dimensions

Product length:	40 to 250 mm
Product width:	15 to 90 mm
Product height:	50 to 65 mm

Products

Biscuits, trays, BFS cards, hermetically sealed packages

Pack Styles

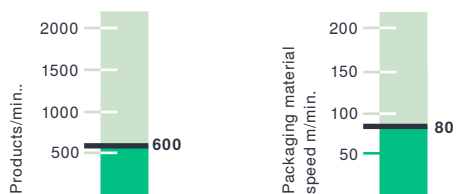




Sigpack HBM

Medium-performance packaging machine for washdown and special applications

Maximum Performance



Sealing Technology

Rotary, cold / hot



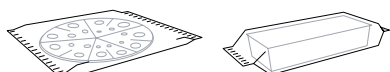
Product Dimensions

Product length:	50 to 500 mm
Product width:	to 300 mm
Product height:	to 80 mm

Products

Frozen food

Pack Styles

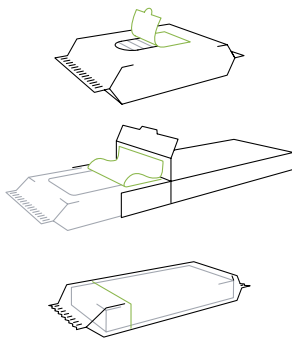


One packaging style – many versions.

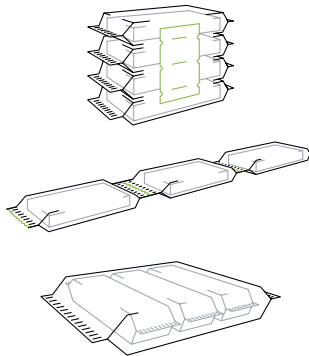
Whether crackers, cookies, or granola bars, products require an attractive and user-friendly presentation. The packaging materials and package design must be ideally matched. A large number of designs are possible, depending on requirements – from simple flow wraps, to hermetically sealed packs for special products or climate zones, to flow wraps with Euro holes that can be hung on racks, and many other options.

Maximum flexibility of packaging format, product arrangement, and quantity – whether on edge or stacked.

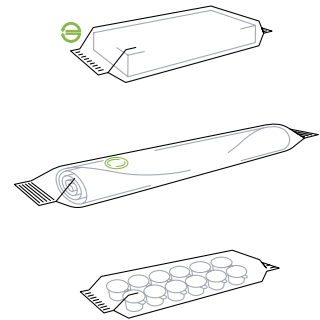
Packs with opening aids



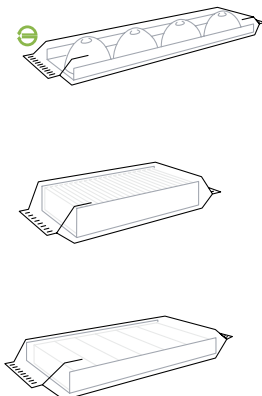
Multi packs



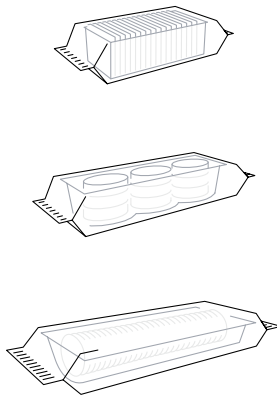
Hermetically sealed packs



Flow wraps with carton tray



Trays in flow wraps – on edge or stacked



End fin options

Gusseted with longitudinal grooves



Gusseted with transverse grooves



Non-gusseted with longitudinal grooves



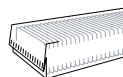
Non-gusseted with transverse grooves



Non-gusseted with Euro hole



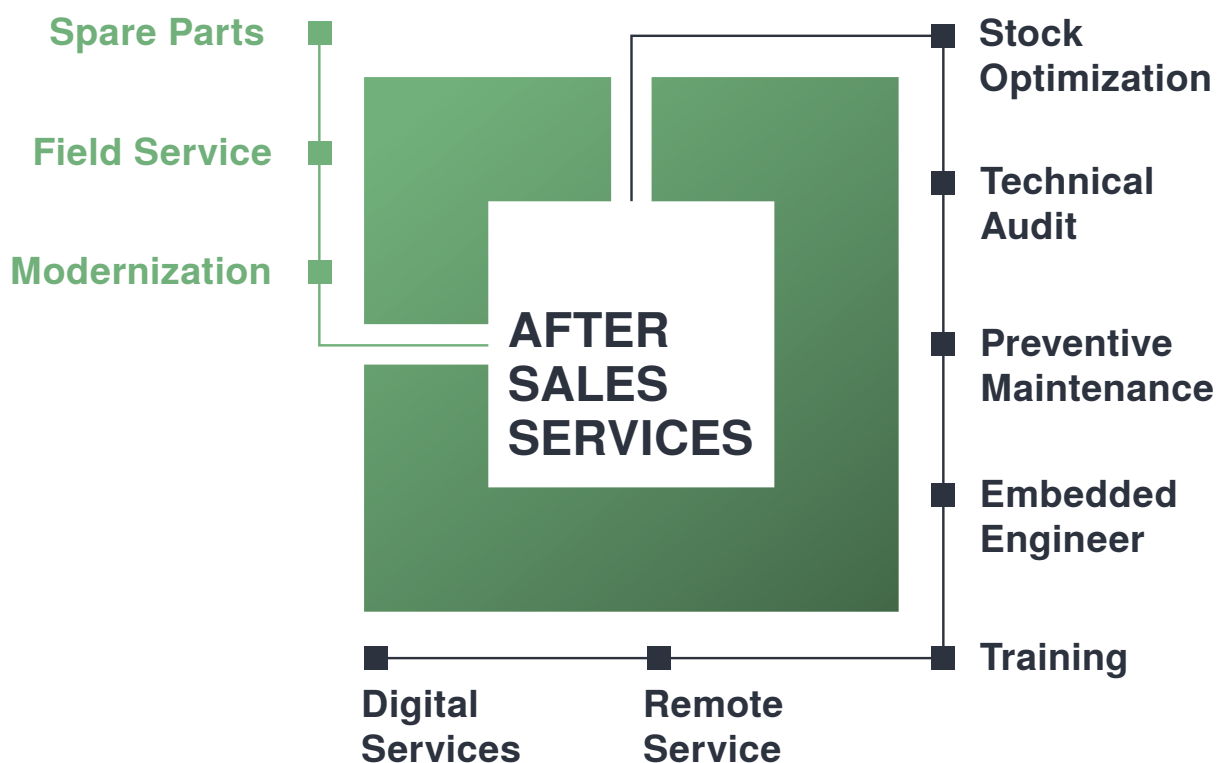
End fin folded down



Customized service solutions for the entire life cycle of your machines.

By investing in a Syntegon packaging machine, you gain access to an extensive range of services. We are always there for you: providing reliable services from a single source, all over the world. It already begins during the project phase with services such as process consulting or system planning. And it continues during operation: from

spare parts and field service offerings to stock optimization, modernization, and preventive maintenance, all the way to remote and data-based services and training. Whether it's a customized solution or a standard service – together with us you achieve maximum output with minimum downtime and optimize the profitability of your machines.



For more detailed information
please visit our homepage:
<https://www.syntegon.com/de/services>

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