

Cost-efficient THERMOFORMERS

# SEALPAC® PRO



Modular, efficient and space-saving

**SEALPAC®**

*Forming Innovations*

# Cutting-edge technology by SEALPAC

## We set new standards

– first-class thermoforming technology

Always one step ahead: SEALPAC is among the leading global developers of innovative thermoforming and tray-sealing technology. With the launch of our latest generation of PRO thermoformers, we are bringing fully automated packaging to a higher level. These **compact** machines with smallest footprint still have all the options to upgrade your production process to the maximum. What all models have in common is their high performance and efficiency, resulting in lowest cost of ownership.

The **modular design** of our latest generation of PRO thermoformers allows them to be tailored to the individual needs of the end user. Simply configure the thermoformer you need by taking the basic PRO machine and adding any relevant modules for your specific application. This approach also enables us to build these robust machines extremely fast.

The PRO thermoformers are perfectly suited for a wide range of products in varying outputs. Applications include meat, seafood, fruit and vegetables, convenience foods, snacks and bakery products, but also non-food. If desired, you will be able to run all different packaging systems, be it vacuum, skin, shrink or modified atmosphere packaging, on the same base machine. Switching from one concept to another is made easy with a variety of exchange systems, such as the side exchange for the bottom tool in the forming and sealing station. If required, even the film width can be changed in the future. This makes the PRO thermoformer a **future-proof** investment.

The German GS certification of the PRO thermoformer guarantees highest **safety** for your operators, as well as optimal **hygiene** in your production area. Due to their stainless-steel body without disruptive contours, as well as hinged side panels for easy access to the machine, the PRO thermoformers always allow for fast, simple and reliable cleaning.

Our **service** scope is every bit as convincing – from digital remote maintenance to on-site technical support. Thanks to intelligent logistics and our high rate of in-house manufacturing, spare parts and consumables are always in stock and ready for global delivery. In addition, our state-of-the-art SEALPAC Experience Center provides tried-and-tested operator and service technician training, and the opportunity to test new products before their market launch.

**In short:** the PRO thermoformers are more than just a packaging machine – you will benefit from innovative, comprehensive and efficient solutions for your task.

– impressive performance in a small area



By using SEALPAC's Rapid Air Forming system, often copied but never equalled, attractive packs can be formed up to 105 mm in depth.

# Maximum performance, minimum space

– lowest cost of ownership

First-class packaging results on a compact thermoformer with quick return on investment – it may sound utopian, but we make it possible with the SEALPAC PRO.



## A consistent eye on costs

With the PRO thermoformers, we build on a proven SEALPAC method: to design packaging machines of a superior grade that reduce your cost of ownership. Their robust construction makes these thermoformers less sensitive to maintenance. As an example, the servo-driven chain transport provides an optimal distribution of forces and reduces wear and tear. The lubricant-free four-point lifting systems equally reduce maintenance requirements – innovations that make your production process more profitable.

**< 3%**  
The investment costs of our high-quality thermoformers are less than 3% of the total line costs.



Discover more:



## Optimal use of available space

Smallest footprint was an important requirement in developing our new generation of PRO thermoformers. This makes them extremely suitable for small to medium-sized manufacturers. With their particularly compact design, they require minimum space in the production area. And by using safety shutters instead of voluminous covers, each PRO thermoformer has an extraordinary large loading area, which is accessible from both sides. This gives you even more options to optimize your packaging process.



## Precise in-feed and transport of the film:

This is how we improve the quality of your packs.



## Top and bottom film for any occasion

The PRO thermoformers can easily handle all common types of film. With film widths up to 460 mm, they provide even more flexibility in choosing the optimal pack format and index. Servo-driven chain transport ensures that the bottom film is perfectly guided through the machine from in-feed to out-feed, and guarantees perfect cross- and longitudinal cutting of the packs. As an option, SEALPAC's innovative EasyPeelPoint system can be added to allow for easy opening of each pack by consumers – to make your product an even bigger eye-catcher at retail.



**100%**

Reliability as each SEALPAC PRO thermoformer is standard equipped with lubricant-free four-point lifting systems.

# Only pay for what you need

– configure your own PRO thermoformer

The PRO thermoformers are characterized by their unmatched modular design. This makes them easy to configure to your specific needs, but also to manufacture them at shortest possible delivery times. Furthermore, you only pay for what you need, but still have the flexibility to add any modules in the future. It starts with the basic set-up. Each thermoformer consists of five main parts: the forming station with bottom film, the sealing station with top film, the drive module, the out-feed section, and the touch-screen monitor with separate cabinets for electronics and pneumatics. Each of these parts can be pre-assembled and stored upfront, making them available of the shelf.

 **100%**  
SEALPAC only uses  
worldwide available electrical  
and pneumatic components.



## Modules

The basic PRO machine is suitable to run flexible and rigid film, both for vacuum packaging and sealing only applications. Depending on your wishes, various modules can be added to run other packaging solutions. If you choose to run modified atmosphere packaging, just select the [MAP module](#) and for example a gas tank will be added. Do you wish to run skin packs? Simply add the [ThermoSkin® module](#), which includes an extra vacuum valve and cooling of the tool. We also offer the [ShrinkStyle® module](#) to run shrink packaging, which for example provides in a dancer arm for the top film unwinding.

Add-ons are also available for heavy products and wet & crumbly products. Each of these applications require additional features on the basic PRO machine. The [Heavy products module](#) for example provides in product support and an additional cover on the in-feed side of the sealing station. By selecting the [Wet & crumbly products module](#), the required moisture separator and loading grid will be added to your PRO thermoformer.

## Connectivity

If you plan to connect the PRO thermoformer to your factory software, you can add the [Connectivity module](#). Access to the PRO thermoformer is achieved by using a VPN router, which enables you to send data from the thermoformer to the factory software (one way only). This allows you to see in real time if the machine is running, in stop, in error (e.g. no water or gas), or waiting for up- or downstream equipment. Additional information logged on the PRO thermoformer can be made available at request.

**Up to 10%**   
Thinner films due to  
Rapid Air Forming system.



Module MAP  
(gas tank)



Module ThermoSkin®  
(extra vacuum valve)



Module ShrinkStyle®  
(dancer arm)



Module heavy products  
(safety cover)



Module wet & crumbly products  
(loading grid)



Module Connectivity  
(iPad)

# All-in-one

– new standards in output and flexibility

With our PRO thermoformer, we are pushing boundaries. It can handle various packaging systems, such as flexible film vacuum packaging, rigid film modified atmosphere packaging, as well as the ShrinkStyle® and ThermoSkin® application.

# Decisive details

– getting the most from our PRO thermoformer

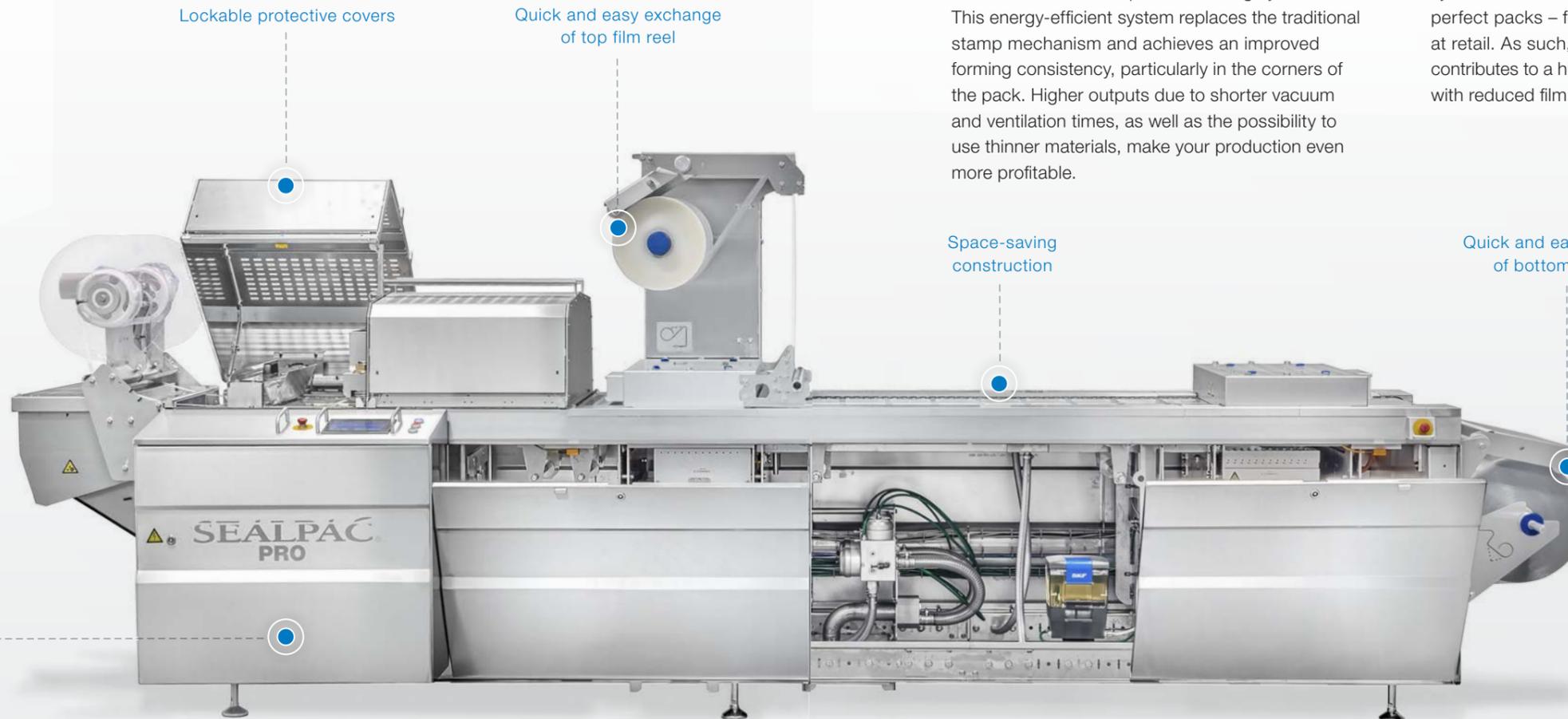
Our latest generation of thermoformers combines many features and functions that will boost your production process in terms of speed, accuracy and efficiency.

## Rapid Air Forming

Our PRO thermoformers are standard equipped with the innovative Rapid Air Forming system. This energy-efficient system replaces the traditional stamp mechanism and achieves an improved forming consistency, particularly in the corners of the pack. Higher outputs due to shorter vacuum and ventilation times, as well as the possibility to use thinner materials, make your production even more profitable.

Combined with our extremely precise film cutting systems, these thermoformers produce optically perfect packs – for an attractive presentation at retail. As such, the Rapid Air Forming system contributes to a highly efficient packaging process with reduced film consumption.

**100%**  
Future-proof  
due to all-in-one concept.



**> 95%**

Almost every SEALPAC thermoformer ever built is **still in operation**.



Discover more:

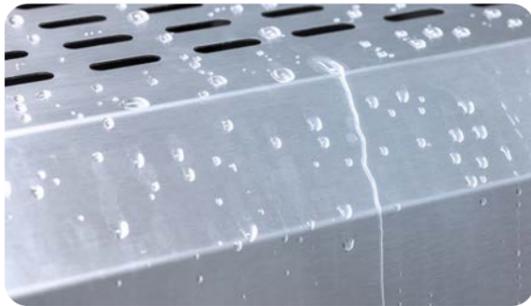


All-in-one: thermoformer for many different applications.

Quick tooling exchange for highest flexibility: our innovative quick exchange system from the side allows you to run different die sets.

## Safe and hygienic design

– a pleasure to operate



Easy to clean.



Highest safety standards.

### Cleaning and service made easy

Owing to their stainless-steel construction with smooth edges and integrated slopes that optimize water drainage, each PRO thermoformer can be easily hosed down. The innovative central vacuum valve, which is disassembled and assembled in no time, also makes maintenance very easy. In the meantime, hinged side panels provide easy access to all parts of the machine, to allow for simplified, reliable and residue-free cleaning.

Our machines have minimum wear and tear parts. Wherever possible, we will make use of worldwide available electronic and pneumatic components. Combined with the high level of in-house manufacturing, we are able to supply spare parts at shortest delivery times.

### As safe as it gets

Next to the mandatory safety regulations (e.g. CE), each of our PRO thermoformers is additionally tested and certified according to the strict German GS quality mark. This guarantees maximum safety for your operators.

The scope of the GS mark includes essential product characteristics, such as electrical safety, ergonomics, and noise, and also covers an evaluation of our factory production. Initially designed for the German market, it is now a worldwide recognized mark of quality and safety, which ensures that our thermoformers adhere to the highest possible standards.



Extension possible in steps of 500 mm.



Machine feet of solid stainless steel.



Extremely user-friendly:

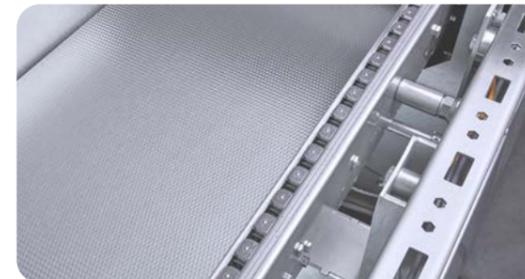
Self-explanatory monitor for secure operation.

## Where would performance be

– without quality and service?

### Future-proof

The PRO thermoformer has an innovative, self-supporting frame construction that enables optimal positioning and mounting of the various modules. This guarantees maximum lifespan and durability. In building the PRO thermoformer, we do not use welding, but make sure all parts are securely connected. In addition, we only apply parts made out of one piece. Combined with film unwinding units mounted directly onto the frame and heavy-duty cutting systems that minimize the wear and tear of the knives, the PRO thermoformer is your long-term solution.



Built for maximum lifespan.

### Always there for you – globally and locally

We offer you custom-made service tailored to your company's needs, giving you the advantage of benefiting from our expertise under clear and calculable terms. You have access to a well-coordinated team of qualified consultants, specialists and technicians, always happy to answer any queries regarding your equipment – whether you need a quick supply of spare parts or urgent (remote or on-site) maintenance of your equipment. No matter where your company is based – we are at your side.



Self-supporting frame.

## SEALPAC® PRO

### Technical information

Frame length:	3.000 – 6.000 mm
Frame height:	960 – 1.025 mm
Machine width:	1.300 mm
Machine weight:	1.300 – 2.500 kg
Film width:	max. 460 mm
Cut-off length:	150 – 400 mm
Forming depth:	max. 105 mm
Protection class:	IP 65

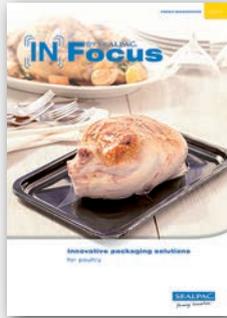
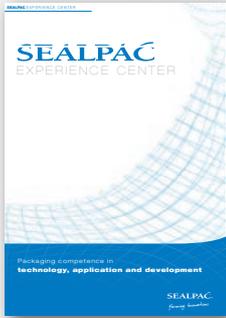
\*Always depending on product, pack format, etc.

### Average output\* for ...

...sealing only:	10 strokes/minute
...flexible film vacuum:	8 strokes/minute
...rigid film MAP:	8 strokes/minute
...ShrinkStyle®:	8 strokes/minute
...ThermoSkin®:	7 strokes/minute

### Connection values

Power:	3Ph 230V 60Hz
	3Ph 400V 50Hz, N
Air pressure:	6 – 7 Bar
Cooling water:	160 l/hour, max. 15 °C



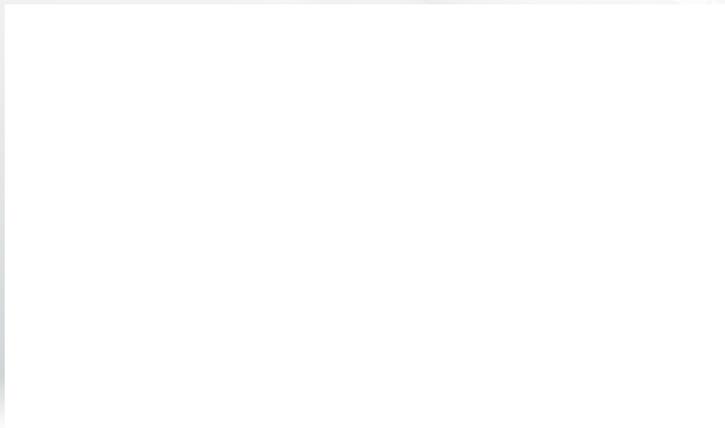
Discover more:



## The full programme

Learn more about SEALPAC's pioneering developments – from our high-quality tray-sealing solutions to special packaging technologies, e.g. for the poultry segment. Our SEALPAC Experience Center enables professional training of your technicians and service staff, as well as testing the marketability of your new products. See for yourself – your personal SEALPAC consultant will be glad to tell you more!

## Your SEALPAC distributor:



**SEALPAC** – your package to success.

As a high-precision manufacturer, we support our customers in reaching their targets. We work together to create cost-effective and guaranteed high-quality solutions. Our flexible and dedicated approach will guide you in exploring individual alternatives to help shape your future.

**SEALPAC International bv** | Langekamp 2 | NL-3848 DX Harderwijk  
Telephone: +31 (0) 341 46 20 30 | [info@sealpacinternational.com](mailto:info@sealpacinternational.com) | [www.sealpacinternational.com](http://www.sealpacinternational.com)

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*Forming Innovations*