

**We live our values.**

Excellence · Passion · Integrity · Responsibility · GEA-versity

GEA Group is a global engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881, the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX® Europe 600 Index.

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Do not underestimate  
its performance...



**GEA DeltaPak**

Small machine. Great performance.





## The new star in the compact class

GEA thermoformers set the worldwide standard when it comes to packaging large quantities of foods according to the highest quality standards. The GEA DeltaPak now compactly and inexpensively does everything that was once only possible with large, custom-built packaging solutions!

### Economical from the start

The GEA DeltaPak was developed for users who would like all the advantages of GEA-quality automated packaging, but for small to medium-scale processing volumes. This makes it an especially good fit for those just getting started, for manufacturers of niche products and for operations that regularly reach peak capacity. Next to its minimal floor space requirements, another major advantage of the DeltaPak is its excellent price-performance ratio!

### Uncompromisingly good from experience

The GEA DeltaPak covers a wide packaging spectrum. It is easily configured and has short delivery times. However, its decisive advantage is in a completely different area. As a genuine GEA thermoformer, the DeltaPak is a completely practical technology with reliable service. In short: a solution that you can always depend on, 100%!



Plug & Pack!



# Everything that makes a GEA thermoformer special

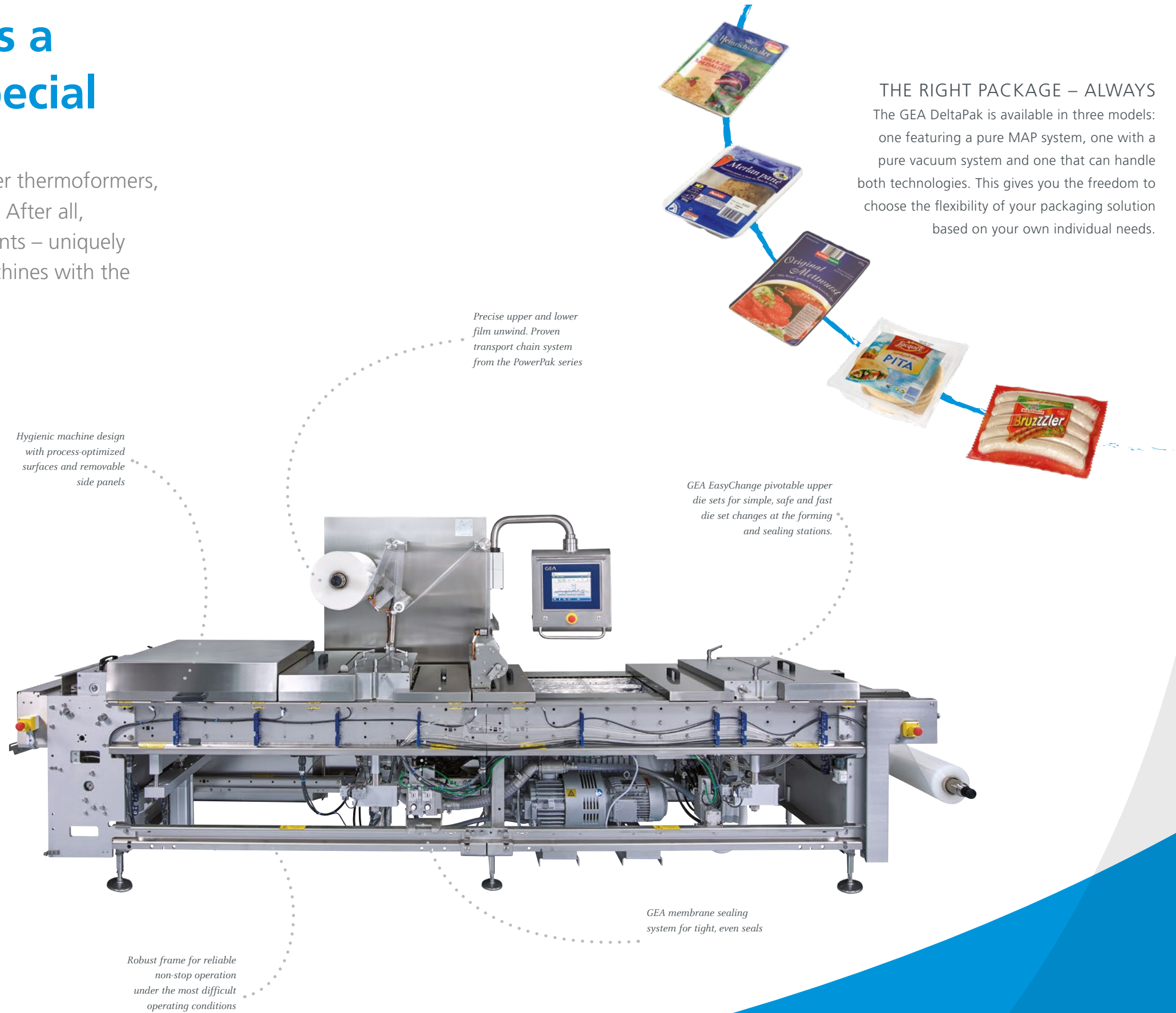
The GEA DeltaPak may be smaller than other thermoformers, but certainly should not be underestimated. After all, it draws on proven technology where it counts – uniquely combining the quality inherent to large machines with the advantages of a smaller system.

### Your requirements take center stage

Just like its larger siblings, the GEA DeltaPak is fully geared towards our customers' needs, with high operating speed, well thought-out safety designs, robust construction, simple cleaning, and tool-free, fast conversion times.

Its high degree of standardization ensures that new die sets are quickly available. In addition, intuitive operational design ensures full reliability on the GEA DeltaPak from an economic standpoint as well.

Technical Data	
Film widths (fix)	285, 320, 360, 420 mm
Indexes	200, 240, 270, 280, 300 mm
Max. draw depth	bis zu 80 mm
Machine length	5.000 mm
Working speed (flexible film)	up to 10 cycles/min
Working speed (rigid film, up to 500 µm)	up to 7 cycles/min



**THE RIGHT PACKAGE – ALWAYS**  
 The GEA DeltaPak is available in three models: one featuring a pure MAP system, one with a pure vacuum system and one that can handle both technologies. This gives you the freedom to choose the flexibility of your packaging solution based on your own individual needs.

*Hygienic machine design with process-optimized surfaces and removable side panels*

*Precise upper and lower film unwind. Proven transport chain system from the PowerPak series*

*GEA EasyChange pivotable upper die sets for simple, safe and fast die set changes at the forming and sealing stations.*

*GEA membrane sealing system for tight, even seals*

*Robust frame for reliable non-stop operation under the most difficult operating conditions*

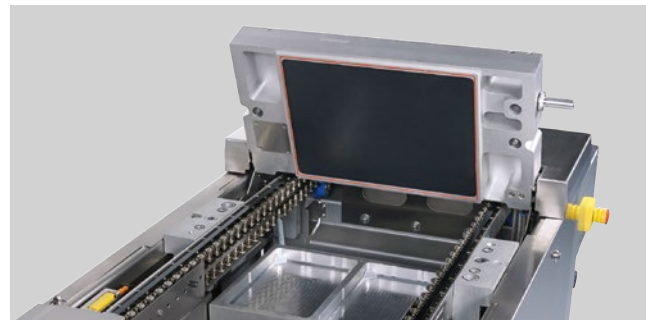


# Make it easy for yourself – with GEA DeltaPak

In addition to high throughput rates, profitable food production requires the effective minimization of downtime. GEA DeltaPak makes a significant contribution in this area with the GEA EasyChange making die set changes fast and simple.

### Tool-free conversion

The GEA EasyChange system is a standard feature of the DeltaPak forming and sealing stations. The upper die sets can also be pivoted enabling forming and sealing die sets to be simply be exchanged by hand. This cuts down the time needed for product or packaging changeovers by up to 75% (forming station) or 45% (sealing station).

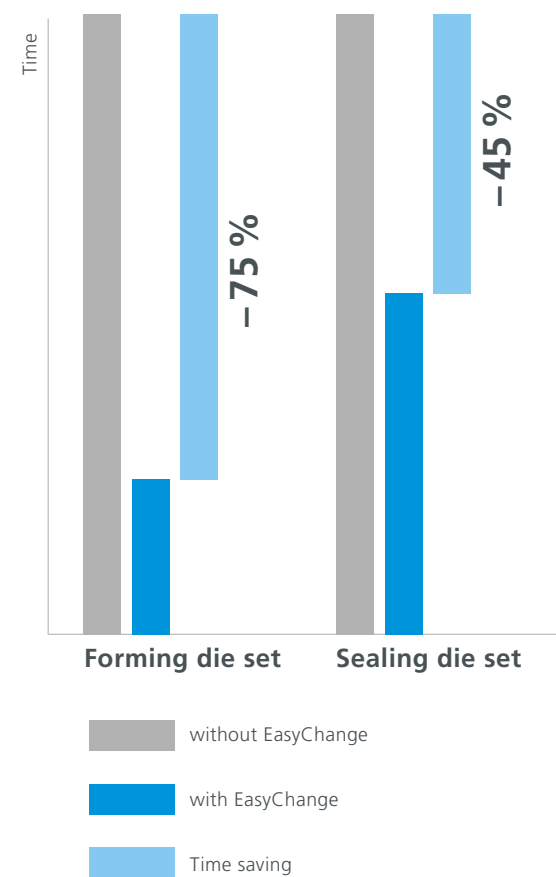


Formstation



Siegelstation

### SAVE TIME WITH GEA EASYCHANGE WHEN CHANGING FORMING AND SEALING DIE SETS



### Performance made to measure

The capacity of your GEA DeltaPak depends on the chosen packaging format. The following two calculations provide a rough estimate:

#### CAPACITY EXAMPLE 1, FLEXIBLE FILM / VACUUM

x = 300 mm Index    y = 420 mm film width    package dimension 150x130 mm

$$\begin{matrix} & Y \\ X & \begin{matrix} \square & \square \\ \square & \square \end{matrix} \end{matrix} \times \begin{matrix} \square \\ \square \\ \square \end{matrix} \times 10 \text{ Cycles} = 60 \text{ Packs/min}$$

#### CAPACITY EXAMPLE 2, RIGID FILM / MAP

x = 200 mm Index    y = 285 mm film width    package dimension 100x123 mm

$$\begin{matrix} & Y \\ X & \begin{matrix} \square & \square \\ \square & \square \end{matrix} \end{matrix} \times \begin{matrix} \square \\ \square \\ \square \end{matrix} \times 7 \text{ Cycles} = 28 \text{ Packs/min}$$

### What else can we do to help you?

You can find out more about the GEA DeltaPak by directly contacting your GEA customer service representative. Our representatives will personally help to find the right packaging solution for you. We are looking forward to your inquiry!