

GEA SMART SEALING SYSTEM.

Seals smart, packs for the better!





GEA Smart Sealing System
toolless exchange of knife

Sealing system optimized for frozen market

With the packaging of frozen foods, challenges emerge every day. Processors need to pack frozen products, quickly and safely to keep them fresh for longer. They also need to prevent leakage and unnecessary food and material waste. The GEA Smart Sealing System provides the opportunity to tackle these challenges.



Seals smart, packs for the better!

Want to improve productivity, uptime, and pack quality? GEA's cutting-edge Smart Sealing System delivers all this and more with our latest generation of SmartPackers, optimized for the frozen market.

Each SmartPacker CX and SX 400 with Smart Sealing System empowers you to easily produce quality **pillow** and **gusset bags**, packed with:

- Frozen vegetables
- Frozen fruits
- Potato products
- Frozen poultry
- Frozen meat
- Meat replacements
- Frozen seafood
- and more...





Easily replace sealing strips

The GEA Smart Sealing System incorporates more robust, non-stick metallic sealing strips, that features **PFAS-free** coating. Every strip delivers a substantially longer lifespan, sealing up to **1 million bags without changing**. And when your sealing strips do eventually need changing, it couldn't be simpler - just 'click and go,' no special training required.

Safely replace cutting knives

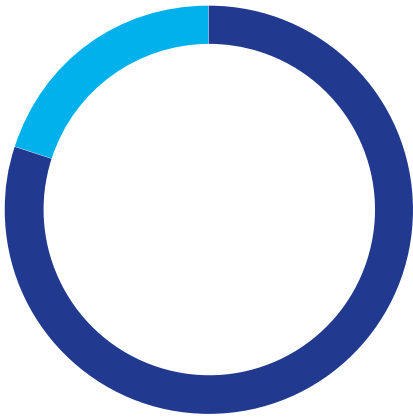
The Smart Sealing System cutting knife can also be replaced easily in **less than one minute** - without the need for special tools.



Functional knife operation

The GEA Smart Sealing System provides a retractable cutting knife which, in combination with GEA's product-in-seal detection, only operates when the seal area is clear, keeping the blade sharp longer and handling up to **1 million bags before replacement** is needed.





up to 20% output increase



Up to 20% output increase

The GEA Smart Sealing System operates faster – boosting productivity up to 20% in most applications. This is thanks to standard double-sided heating together with higher jaw pressure and improved targeted cooling on the cross seam. Heat is applied to both sealing jaws for the best possible seal, producing **premium quality, airtight** pillow and gusset bags.



Increase Overall Equipment Efficiency (OEE) of ownership

Enjoy lower cost, better productivity, and higher profits. The key to saving money with the GEA Smart Sealing System is **OEE**. This innovative system can run almost continuously - without replacing Teflon tape after each production run.





Tighter packs, less waste, better sustainability

Reduce waste and use recyclable materials for a more sustainable production. Prevent unnecessary food and material waste due to leaking packs, thanks to the double-sided heating system. **Each sealing strip is fully recyclable**, made from aluminium with a PFAS-free coating.

Maximum manufacturing flexibility

The system is suitable for recyclable material structures that are PE- or PP-based, such as:

- BOPE
- MDOPE
- Full PP laminates
- and even paper laminates

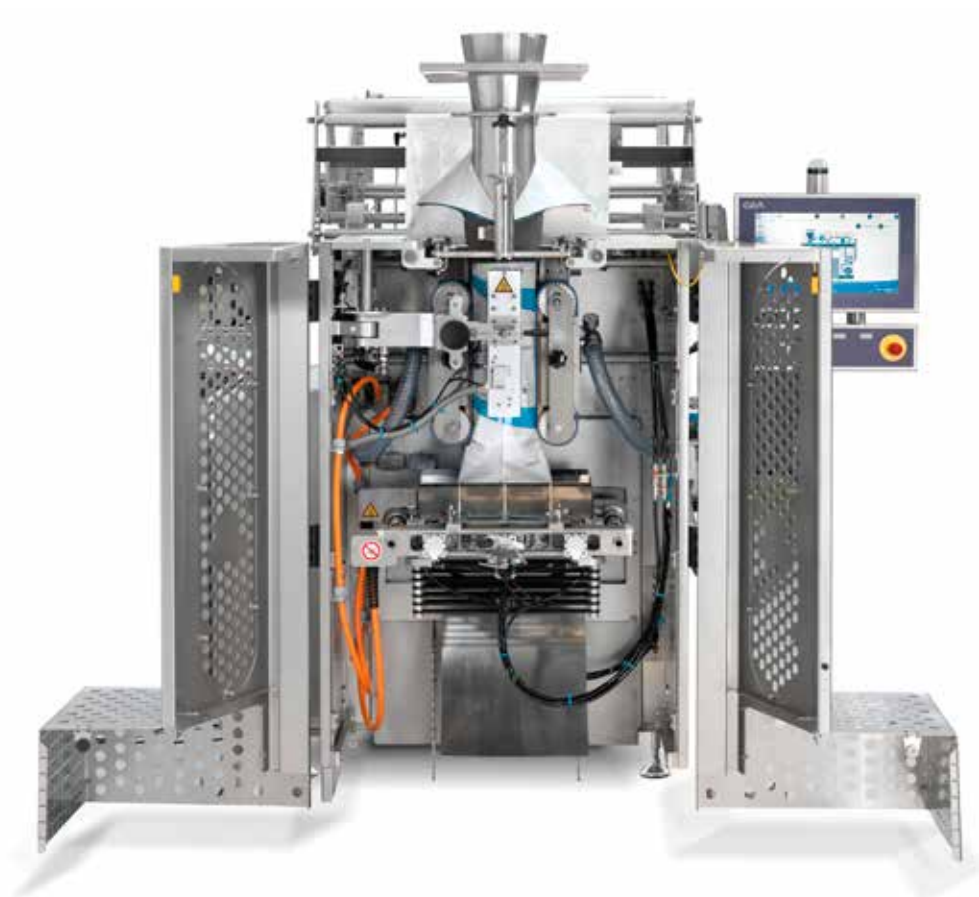


Retrofitability

Depending on the age and configuration of your GEA SmartPacker SX and CX400, the GEA Smart Sealing System can be installed on your machine. For details contact your local sales representative.

Improve efficiency, enhance pack quality and make more money without investing in new machinery.



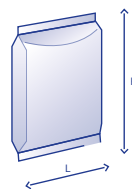


Machine specification

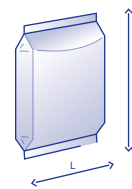
- SmartPacker CX/SX400

Application

- Frozen food, including protein



Pillow bag



Gusset bag

Bag style

	Pillow bag	Gusset bag
Bag width (min - max)	60 - 400 mm	55 - 240 mm
Bag depth (min - max)	n.a.	30 - 120 mm
* depending on bag width		
Capacity indication	up to 100 bpm	up to 80 bpm

* depending on machine configuration, product and film material

