

GEA SmartPacker SX vertical packaging machine



Based on an intermittent machine action, the GEA SmartPacker SX has an excellent price/performance ratio. Reliable and user-friendly, the machine is easy to operate and clean, while its advanced technical design keeps maintenance costs to a minimum. The GEA vertical packaging machines offer a convenient and inexpensive means of packaging a wide variety of convenience goods, mainly protein, fresh, shredded cheese, frozen vegetables, French fries, confectionery and snacks.

A WIDE CHOICE OF BAG FORMATS

The GEA SmartPacker SX is a compact and flexible vertical packaging machine that offers you an extensive choice of packaging options in film producing bags directly from the reel. With a range of materials and our variation in formats, ranging from standard flat pillow bags to more complex quatro seal or zipper bags, you are sure to find a packaging solution that suits your product. In addition, the GEA SmartPacker has an extremely sensitive 'product in seal' detection system, which automatically opens the jaws as soon as an object or product particle is detected - without disrupting production. A major advantage

Compact and flexible machine, easy to use

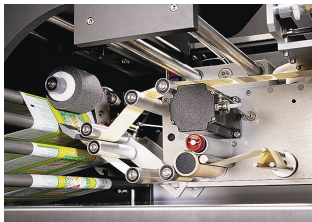
- Creates a wide variety of bag shapes (pillow bags, quatro seal, block bottom, quatro box, envelope, doypack style and zipper bags)
- 400 mm maximum bag width for pillow bags
- Maximum bag length 550 mm
- Hygienic design with easily exchangeable parts
- Option to combine a ZipTrick or in-line zip system to the machine for re-closeable packs



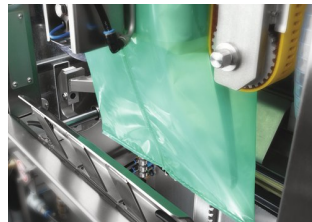
QUICK REFERENCE DATA

	GEA SmartPacker SX400
Bag length (max.)	550 mm
Bag width (min./max.)	80/400 mm
Dimension H x W x D	2020 x 1280 x 2185 mm
Maximum Speed (bags/min.)*	100
Core diameter film reel (min. max.)	70/77 mm
Outer diameter film reel. (max.)	500 mm

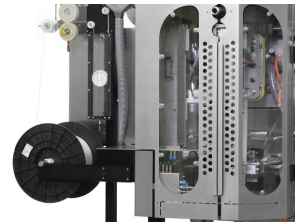
* Without stripping. Depending on product, film and dosing equipment



In line labelling system optional on vertical flowpacker systems



Optional Zero Reject System guarantees airtight seal even if contaminants are present in the seal area



Easy opening and reclose option by in line zipper or cross zip possibilities



GEA CostFox for real-time performance analysis

is that contamination or damage of the cross seal jaws and knife is avoided resulting in less downtime and waste.

RELIABLE FILM TRANSPORT

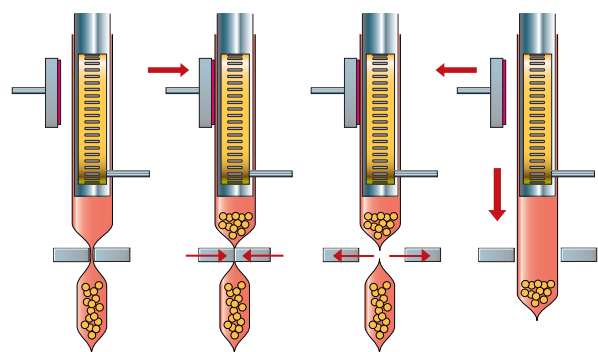
To ensure fast, trouble-free film transport and jaw movement, both these functions have a sinusoidal speed curve, continuously monitored by the GEA SmartPacker's sophisticated control system. This gives extremely smooth film transport resulting in a very accurate and consistent length of bag. Even delicate film materials can be transported easily. Mechanical strain on the cross sealing system is minimized due to fully controlled jaw movement, ensuring a longer life of the sealing elements.

OPTIONAL ZERO REJECT SEALING SYSTEM

The GEA Zero Reject Sealing System is optional available on the GEA SmartPacker SX for ready-packed salad applications. The system guarantees an airtight seal even if contaminants are present in the seal area, so it will increase packaging yield and save on materials. The sealing process we use is unaffected by pieces of leaf or moisture in the sealing area - a typical problem for packaging fresh salad. It consequently increases the output and brings the reject rate down to almost zero and reducing your labor costs.

YOUR PERFORMANCE BENEFITS

- Higher efficiency and less waste compared with conventional machines
- Consistent high quality of produced packages up to 100 bags a minute
- Reliable and smooth film transport
- Quick film reel and bag format exchange
- Compact and easy accessible film feed
- Easy to operate, clean and maintain



GEA SMARTPACKER SX IN ACTION

The product falls onto the closed jaws. The jaws open and the vacuum belts transport the film through the open jaws. When the right bag length is reached, the jaws close and film is sealed and cut. The cycle continues as the jaws open again to release the sealed bag.

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As a result of constant improvement, drawings and specifications of GEA Food Solutions machines and software are subject to change. Some features and/or equipment mentioned in this publication are options.