

PRESS RELEASE

Compact GEA PowerPak for medical disposables at interpack

Düsseldorf (Germany), May 4, 2017 – At interpack 2017, the GEA stand (**hall 7a, B09/B31**) will be “packed with inspiration” – a demonstration of engineering excellence for the packaging and processing industries. In Düsseldorf, Germany, GEA will be exhibiting beyond the food package industry and displaying process equipment, solutions and services for the bakery, confectionary, dairy, beverage, and pharma sectors from May 4 to 10, 2017.

In 2017 GEA is showing the compact thermoformer [GEA PowerPak](#) for sterile medical goods, pharmaceutical products and other non-food applications. The thermoformer on display has a film width of 420 millimeters and a 260-3.1 format whereas GEA supplies PowerPak thermoformers for film widths ranging from 280 to 660 millimeters in general.

Dedicated functions for pharmaceutical and medical applications

GEA PowerPak thermoformers offer extremely high machine availability, cost efficiency and operational flexibility. Some of the functions that are particularly useful for medical and pharmaceutical and non-food applications include a calibration port that provides access to components requiring adjustment or calibration, for example, measured data on pressure, vacuum, temperature and time. Mechanical coupling is possible at two central points, the forming and sealing stations. In the main control cabinet, a separate area is available for measuring the resistance of the sensors. Should the calibrated device display a different value, the respective values can be corrected on a special page of the touch panel.

The series also features a maintenance-free and low-wear membrane sealing system that ensures constant pressure across the sealing seam as well as absolutely safe, fast and reproducible pressure build-up. Due to the quality of the seal the customer achieves maximum packaging safety. For many years, this membrane sealing system has been an essential component of all modular GEA PowerPak thermoformers, irrespective of output capacity.

Minimized temperature fluctuations

Several temperature zones are integrated into the machine in order to minimize temperature fluctuations as much as possible on the heating plate and in the sealing frame. None of the cutting tools leave residues. Product safety is further enhanced with lubricant-free – and thus maintenance-free – lifting in the forming station, sealing station and cutting systems, which also extends the service life. Encapsulated brake pads use low-abrasion material to minimize brake dust in the product area. Target-heated preheating plates are integrated to prevent structural changes to packaging materials in the sealing area, and to guarantee even film distribution within the individual packaging.

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A snap-in feature ensures that the packaged product is securely held by the contour-fitted packaging. A large range of modules makes it possible to integrate individual functional adaptations and expansions, from formatting tools to energy-efficient servo technology for lifting in the forming and sealing stations, a strip punch as well as an Optiform system for plug support. Operators are guaranteed high process safety thanks to a large number of control devices, for example, for monitoring heating zones.

Validation support ensures packaging quality

However, it is not only a matter of machine technology. The support provided during the validation process is also important, as it has to be precisely adapted to fit the medical product being packaged. In this, the applicable key words are risk analysis, Design Qualification (DQ), Installation Qualification (IQ) and Operation Qualification (OQ), which enable individual functional adaptations and expansions in the medical product packaging process. This always puts the customer on the safe side.

Support throughout the entire life cycle of a plant and equipment

Excellent equipment or plants are one thing, the right service is another. With several options of the new service concept "GEA Service – For your continued success" GEA supports customers throughout the entire life cycle of their installed systems and components: From project engineering, installation, and commissioning to maintaining and improving the performance of the customer's plant and equipment.



Fig 1: [Compact GEA PowerPak for medical goods](#)

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Further information on gea.com

[GEA PowerPak](#)

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About GEA

GEA is one of the largest suppliers for the food processing industry and a wide range of other industries that generated consolidated revenues of approximately EUR 4.5 billion in 2016. The international technology group focuses on process technology and components for sophisticated production processes in various end-user markets. The group generates around 70 percent of its revenue in the food and beverages sector that enjoys long-term sustainable growth. As of December 31, 2016, the company employed about 17,000 people worldwide. GEA is a market and technology leader in its business areas. The company is listed on the German MDAX (G1A, WKN 660 200). In addition, GEA's share is a constituent of the MSCI Global Sustainability Indexes. Further information is available on the Internet at gea.com.

If you do not want to receive any further information from GEA, please send an email to pr@gea.com.