

**Press release**

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**Theegarten-Pactec at ProSweets Cologne, Hall 10.1 | Stand G020 H029**  
**The FPH5 packs preformed chewing gum at exceptionally high speed**

***Dresden (Germany).* At the 2024 ProSweets trade fair in Cologne, Theegarten-Pactec will be presenting its latest packaging solutions for the confectionery and snack industry. At Stand G020 H029 in Hall 10.1, the Dresden-based company will be showcasing, among other highlights, its FPH5 flow-wrapping machine, which will impressively demonstrate how sugar-coated chewing gum is packaged at a speed of 4,000 products/min.**

ProSweets, the most important industry event for the confectionery and snack industry, will take place in Cologne from 28 to 31 January 2024. The international supplier fair bundles state-of-the-art expertise and offers solutions for all process steps, materials and challenges. Theegarten-Pactec, manufacturer of packaging machines for small-piece confectionery, is taking advantage of this platform to present its innovative, customised solutions for the confectionery and snack industry. At a shared stand with partner company MAKREV (Hall 10.1 | Stand G020 H029), Theegarten-Pactec will be presenting the FPH5 flow-wrapping machine which will be packaging preformed chewing gum at an exceptionally high speed of 4,000 products/min.

**Efficient product separation for maximum speed**

The most impressive feature of the FPH5 is most definitely its high speed. An innovative product separation process achieves a packaging speed of 4,000 products/minute: A combination of a large feed plate and a separately driven inner plate is used to ensure a high degree of filling. A direct mechanical connection between the machine's plates and infeed chain ensures a seamless transfer of the products from the plate to the infeed chain, which greatly contributes to a reliable, fast packaging process.

**Versatility in both the packaging process and the material**

Another advantage of the FPH5 is its exceptional flexibility. Depending on the customer's requirements, it can be used to allocate 2, 3 or 4 products per pack. Moreover, the changeover between the individual pack sizes can be implemented extremely quickly. All this is made possible by the simple interchangeability of the infeed chain, which is responsible for product grouping. At ProSweets, Theegarten-Pactec will be demonstrating the process with 2-piece packs. The FPH5's cross-sealing unit is just as flexible. It doesn't need to be changed when the pack size is changed, as it is driven by a separate servo motor, and the speed of the cross-sealing unit is stored in the recipe management system.

The FPH5 is just as flexible when it comes to processing the material as it is in the packaging process itself. Thanks to a patented preheating section, it is capable of processing even advanced, recyclable monofilms just as efficiently as conventional laminates or paper-based packaging materials – at the same high packaging speed.

Thanks to its extraordinary versatility and efficiency, the FPH5 can be used to package a wide range of products in addition to classic hard caramels, including very soft, sensitive jelly products, chocolate-coated confectionery and lollipops.

### **A flexible solution from MAKREV for lower production volumes: The MR7800 Multistyle**

At its stand, Theegarten-Pactec will also present solutions for customers with lower production volumes for which high-performance machines such as the FPH5 are not ideally suited. For example, the MR7800 Multistyle from its partner MAKREV, which will be presented at the stand, packs chocolate products at a speed of up to 400 products/minute. This makes it especially suitable for customers who need solutions in the medium performance range. The MR7800 excels with its high flexibility: It can handle many different types of packaging, such as side twist, top twist, double twist wrap, bunch and envelope fold. Furthermore, quick format changes and changes in the type of packaging can be achieved on the machine in only 30 minutes, which reduces set-up times and effectively saves costs.

Theegarten-Pactec acquired shares in the Istanbul-based MAKREV Packaging company on 1 September 2022. MAKREV manufactures discontinuously operating chocolate, hard candy and jelly packaging machines as well as complete automation and feeding systems in the medium output range – ideally complementing Theegarten-Pactec's product portfolio.

### **Sweet Connect: Digital networking for the confectionery industry**

As in 2022, visitors to the exhibition stand in 2024 will again be able to explore the benefits of the Sweet Connect digitalisation platform in a specially designated area. Theegarten-Pactec founded this platform together with its partners Sollich, Chocotech and Winkler + Dünnebier. The platform, which was specially developed for the confectionery industry, bundles the partners' resources and offers their customers an opportunity to digitally map the entire production process.

For example, it enables the uniform monitoring and management of all machines involved in the production process – regardless of the manufacturer – and is also used to monitor and control the entire confectionery production as well as maintenance, repair, optimisation and planning. Further information on Sweet Connect is available at [www.sweetconnect.io](http://www.sweetconnect.io) or directly at the trade fair stand (Hall 10.1 | Stand G020 H029). We're looking forward to telling you all about it!

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Images: Theegarten-Pactec GmbH



Image 1: Theegarten-Pactec's FPH5 flow-wrapping machine will impressively demonstrate at the trade fair how preformed chewing gum is packaged at a speed of 4,000 products/min.



Image 2: One advantage of the FPH5 is its exceptional flexibility. Depending on the customer's requirements, it can be used to allocate 2, 3 or 4 products per pack. Moreover, the changeover between the individual pack sizes can be implemented extremely quickly.

For more information, please contact:  
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*Theegarten-Pactec specializes in the design and construction of packaging machines for small pieced confectionery items. The company combines more than 20 different types of packaging with a broad performance spectrum. Apart from individual machines, the company also offers complete packaging lines as a turnkey partner. The following products can be packed or wrapped: hard candies, toffees, chewy sweets, chewing gums, chocolate products, and various other food and non-food products. Theegarten-Pactec has its headquarters in Dresden, Germany. Markus Rustler and Dr Egbert Röhm manage the medium sized family business in its fourth generation. It has representatives in more than 100 countries around the world. The export share averages between 90 and 95 percent. Theegarten-Pactec supports two industry sustainability initiatives: SAVE FOOD ([www.save-food.org](http://www.save-food.org)) set up by the Messe Düsseldorf Group, and Blue Competence ([www.bluecompetence.net](http://www.bluecompetence.net)) set up by the VDMA (Verband Deutscher Maschinen- und Anlagenbau, German Engineering Association), Frankfurt.*

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