

**Theegarten-Pactec
Company profile**

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**Theegarten-Pactec is a premium supplier with global operations
Experts in the packaging of small-sized confectionery
items**

Dresden. Theegarten-Pactec, the packaging machinery manufacturer from Dresden, has the declared aim of offering a complete selection of wrapping styles and performance levels for small-sized confectionery items. In order to meet this aim the mid-sized family company has gone a long way based on many decades of experience and the know-how of more than 10,000 machines supplied.

The manufacturing program is organized in a matrix meanwhile comprising more than 40 individual solutions for the three main product categories which are hard candy and pre-formed products, soft and hard caramels, chewing gum and bubble gum (cut & wrap method) as well as chocolate. Several additional food and non-food applications are also available. In each of these categories the typical wrapping styles can be offered. The company develops new designs and solutions in-house or in co-operation with their customers, for instance to optimize wrapping material consumption or to provide innovative solutions for the presentation at the point of sale.

Innovations for all performance levels

One of the key competences of Theegarten-Pactec is the development of continuous-motion high-speed machines. The EK4 is the world's no. 1 twist wrapper for high-boiled sweets reaching an output of 2,300 candies per minute. For hard and soft caramels, chewy sweets, chewing gum and bubble gum the machine types WHF (fold wrap) and WHD (twist wrap) respectively again are unmatched on the market with outputs of 1,800 pieces per minute. For chocolate products, the company offers the high-performance CHS packaging machine with its modular architecture in its range, among other solutions. The CHS wraps up to 1,800 products a minute and allows quick changes of folding type and format.

In the mid-performance range of 1,200 items a minute, the company offers a flexible, modular concept for chocolate products in the MCC packaging machine. The MCH also falls into the same performance category and is ideal for processing hard caramels, delicate jelly products and chocolate-coated confectionery. These machines allow an uncomplicated change of product sizes and wrapping styles without excessive downtimes.

Theegarten-Pactec also continues to invest in the low-speed area (up to 500 pieces per minute), as a maximum solution is not viable for every market and every manufacturer. Theegarten-Pactec places the highest priority on having a wide range of products in order to cover all output requirements.

Along with its proven primary packaging machines, Theegarten-Pactec released the BLM in 2020, its first very own cartoner. The company has therefore developed a direct feed cartoning system that can match the strong performance of the BCW3, for instance. The new BLM packages up to 2,000 individual products or 120 cartons a minute and is ideal for small to mid-sized cartons.

Theegarten-Pactec's innovations originate in their Research and Development Department which is well staffed. Of a total of about 420 employees, 80 are committed to working on development and innovations. This department is also in charge of specific customer requirements such as the integration of individual packing machines by appropriate feeding, separating and collecting systems to form complex packaging lines.

Theegarten-Pactec does not regard itself as a pure-play packaging machine manufacturer, but rather as a competent system supplier offering effective solutions for complex challenges. Optimal solutions for the company's customers essentially depend on the combination of proven packaging machines with upstream and downstream systems for controlling, separating, feeding and storing product flows.

With its latest "Vision Picker" innovation, the company has delivered renewed proof that its customers can fully rely on its strong expertise in delivering intelligent packaging solutions. The innovative robot feed with image recognition ensures an even safer, more flexible, leaner, and therefore more cost-effective process in the packaging of particularly delicate chocolate products.

Comprehensive range of services

Along with the ongoing development of the machines, the packaging specialists from Dresden place particular emphasis on assisting their customers all over the world in dealing with questions and solving problems quickly and straightforwardly. Theegarten-Pactec's offering includes comprehensive customer services across the full machine life cycle, even for machines that have been doing their job for decades. The company therefore not only takes care of spare parts, supplies, maintenance and the upgrading of existing facilities on site but also advises them through its well-developed and wide network of reliable local representatives.

In addition, Theegarten-Pactec offers its customers training tailored to their needs and to the knowledge base of their employees. Under the qualified guidance of experts, their employees are familiarised with the packaging systems and the individual components, as optimal operation of the machines is a prerequisite for minimising faults and downtime, thus raising productivity

Theegarten-Pactec – a combination of two companies with long tradition

Theegarten-Pactec came into existence in 1994 when the Cologne-based company Rose Theegarten took over Pactec in Dresden. The result was more than the sum total of two individual units, since the expertise and competence of both companies complemented each other to perfection. Rose Theegarten was founded in 1934 in Cologne by Justus Theegarten and his son Franz. The name Rose traces back to a cooperation with the English machine builder Rose Forgrove. At first, Forgrove machines were distributed in Germany, and later built under license. Finally, Theegarten developed their own confectionery packaging machines. Rose Forgrove operated as the global sales agent for Theegarten until the 1970s.

As from mid-1970, Christa Rustler-Theegarten, the granddaughter of the founder, and her husband, Erhard W. Rustler, decided to establish their own sales organization. The parents of the current Managing Director, Markus Rustler, thus laid the foundations for the international sales network with trade partners in more than 100 countries worldwide.

Obviously, the acquisition of the company Pactec resulted in an important strengthening in the market presence. Pactec – an off-spring of the former GDR State cooperative Nagema – traditionally had excellent contacts to Eastern European and Asian countries which helped to establish a strong market position of Theegarten-Pactec in these areas. Incidentally, the history of Pactec respectively Nagema goes back to the end of the 19th century, i.e. to the roots of the German packaging machinery industry. Dresden, in fact, is regarded as the cradle of this industry.

Along with the main sales territories, the production range of Theegarten and Pactec also perfectly complimented each other. Whereas Theegarten Cologne traditionally specialized in the forming, cutting and wrapping technology, the emphasis of Pactec was more on wrapping machines for hard candy and small-sized chocolate articles.

Three years after the two companies were united under a common management, the decision was made to combine them under one roof. Since 1997 Dresden is the sole manufacturing location of the company. The new manufacturing and office complex completed in 2017 in Dresden laid a cornerstone for the company going forward. The new building has enabled a fundamental reorganisation of operations and ensures streamlined production, thus setting in place the ideal preconditions for developing and producing innovative and high-quality packaging solutions.

Global player in the packaging machinery market

As one of the leading manufacturers of packaging technology, Theegarten-Pactec operates across the globe. The company's international customer base covers all continents, from Europe to South America and from Asia to Australia. The export rate of the packaging solutions currently averages between 90 and 95 percent, with almost 70 percent accounted for by markets outside Europe. As a premium supplier, Theegarten-Pactec delights its international customers with a constant stream of new, high quality and intelligent packaging solutions which create genuine value added.

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Theegarten-Pactec specialises in the development and manufacture of packaging machines for small pieced confectionery items. The diversity of over twenty packaging styles is combined with a wide performance range. In addition to single machines, the company also offers complete packaging lines as a turn-key partner. Hard sugar boiled candies, toffees, chewing gum, chocolate products as well as food and non-food articles are wrapped. Theegarten-Pactec, located in Dresden (Germany), is a mid-sized, family-owned company managed in the fourth generation by Markus Rustler and Dr. Egbert Röhm. Sales agencies in more than 100 countries represent the company. The export share averages between 90 and 95 percent. Theegarten-Pactec supports two industry sustainability initiatives: SAVE FOOD (www.save-food.org) set up by the Messe Düsseldorf Group, and Blue Competence (www.bluecompetence.net) set up by the VDMA (Verband Deutscher Maschinen- und Anlagenbau, German Engineering Association), Frankfurt.

Images: Theegarten-Pactec



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