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Kiefel presents its KMD 90 Smart with a new automation solution live at Chinaplas 2024

This technology solution offers even more efficient thermoforming packaging production with an attractive price-performance ratio

Kiefel is demonstrating at Chinaplas its advanced thermoforming machine the SPEEDFORMER KMD 90 Smart -engineered in Germany and made in China- with its brand-new downstream Smartsleeper automation solution. These solutions underline Kiefel's high-quality and rigorous manufacturing standards at highly competitive prices. Visitors will also experience live demonstrations of packaging production, such as PET lids, at Brueckner Group's booth H62 in Hall 2.1 from April 23 to 26.

German-engineered equipment for polymer processing with a highly competitive price-performance ratio

Available in China and many other countries, the SPEEDFORMER KMD 90 Smart features state-of-the-art features for efficient production of various types of thermoformed polymer packaging for food and non-food applications, including trays, containers, hinged boxes, pallets, blisters, lids and technical packaging.

“The key benefits of the KMD 90 Smart include its well-proven performance and process control thanks to servomotor drives for tables, 3rd motion plug assist, film transport, and the stacking solution”, highlights Roger Wang, Regional Director at Kiefel in China. “This advanced technology, together with its fast, efficient heating allows for greater precision and efficiency throughout the production process, resulting in high-quality products and a high production speed of up to 30 cycles/min”.

The KMD 90 Smart offers flexibility for downstream automation thanks to its efficient Down-Stacking, featuring ergonomic adjustable unloading height for products, a large in-line product buffer on the conveyor belt, and cost-effectiveness for product-specific equipment as well as stable stacking.

The KMD 90 Smart and the KMD 78 Smart are part of Kiefel's KMD Smart series. Both machines offer optional CE certification. The KMD Smart series stands out because it is assembled in Brueckner Group's factory in Suzhou, China, applying Kiefel's worldwide engineering

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standards and quality processes. “Thanks to our unique regional set-up, now including a service platform in Thailand, we are closer to our customers in Asia. Therefore, they benefit from competent and swift local support, shorter delivery times, as well as even faster spare parts availability”, emphasizes Tobias Schöning, Head of Business Development at Kiefel in China.

Smartsleeper: new automation solution for higher efficiency

During the live demonstration at Chinaplas, visitors will experience firsthand the new downstream automation equipment which efficiently stacks and sleeves the produced products, in this case, PET lids for soft drinks.

As usual, this system meets Kiefel safety standards and has been designed to satisfy customers’ needs by reducing labor costs and meeting hygiene demands, and therefore increasing overall productivity.

Sustainable packaging solutions – leading the way to recyclability

Additionally, Kiefel is presenting possibilities for moving towards more eco-friendly products by reducing energy and material consumption, and using recycled materials.

One example is its unique patented tooling which allow customers to produce sustainable C-PET and C-PET light cups on SPEEDFORMER KTR series machines. They are a recyclable alternative which can replace PP and PS cups for hot-filling, microwavable or pasteurized applications.

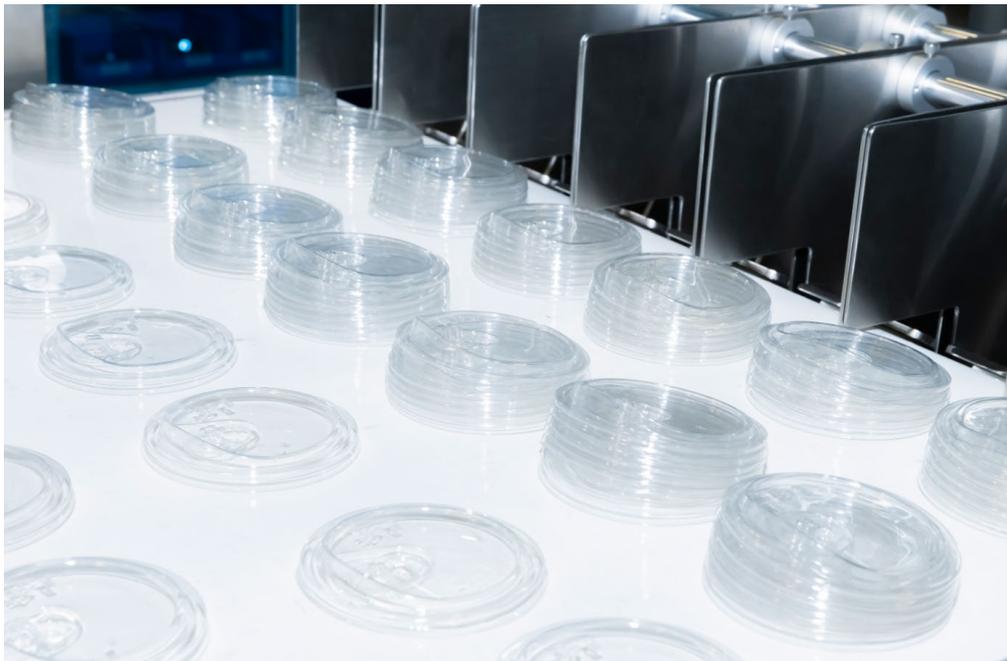
Reliable global support for peak performance

Kiefel, as our customers’ reliable partner from the start, provides customized training programs as well as comprehensive services such as commissioning, health checks, and relocation assistance. With a global network of experienced technicians, Kiefel ensures prompt after-sales support to maximize system availability and productivity.

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KMD 90 Smart for fast and efficient thermoformed-packaging production. © KIEFEL GmbH



High-quality PET lids produced on the KMD 90 Smart. © KIEFEL GmbH

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Variety of high-quality polymer trays. © KIEFEL GmbH



Heat-resistant C-PET light cups as sustainable alternative to PS and PP. © KIEFEL GmbH

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About Kiefel

Kiefel develops and produces high quality machines for processing plastics, recycled and bio-based materials as well as natural fibers. Kiefel's customers include well-known manufacturers from the medical engineering & pharma, refrigerator, and packaging industries. With its own technology and material centers, the company offers turnkey solutions and provides support in partnership from product development through machines and tools to service.

Kiefel has a global presence thanks to our own sales and service teams in the USA, France, the Netherlands, China, India and Thailand, as well as our sales and service partners in more than 60 countries.

KIEFEL GmbH owns the Dutch thermoform toolmaker Kiefel Packaging BV, as well as the Austrian company KIEFEL Packaging GmbH, a supplier of tools and automation solutions.

Kiefel and its subsidiaries employ around 900 staff. KIEFEL GmbH is a member of the Brückner group, based in Siegsdorf, which is a family owned group of medium-sized enterprises active in machinery and plant engineering with around 2,900 employees at 18 different locations worldwide.

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