

The newly-developed SPEEDFORMER KMD 60 B sets the standard for automatic pressure forming machines

Tried-and-tested technology for the cost-efficient mass production of packaging items made of plastic:

The FAKUMA in Friedrichshafen (Germany) and the Emballage in Paris have seen the public debut of KIEFEL's new SPEEDFORMER KMD 60 B automatic pressure forming machine.

The KMD 60 nicely rounds off the highly-successful Speedformer range by adding a smaller alternative to the existing KMD 85 and KMD 78 models. The forming area provides space for tools of up to 600 x 460 mm in size, and the forming surface is optimised at 580 x 440 mm. Thanks to its extraordinarily high operating speed, the innovative SPEEDFORMER can run through all movement sequences at a dry-running rate of up to 80 cycles per minute.



Modern forming-air system

The SPEEDFORMER supplies air to the forming tool even more quickly. The forming air escapes in a single, fast operation, which is decisive for short cooling times and therefore increased production performance.

Automatic monitoring of foil temperature

Foil temperature is a decisive factor where the consistent quality of formed components is concerned. The system reacts automatically to modifications in foil thickness, ambient temperature, outlet temperature of the roll of foil material, etc., thus ensuring that the foil temperature is kept constant throughout the process.

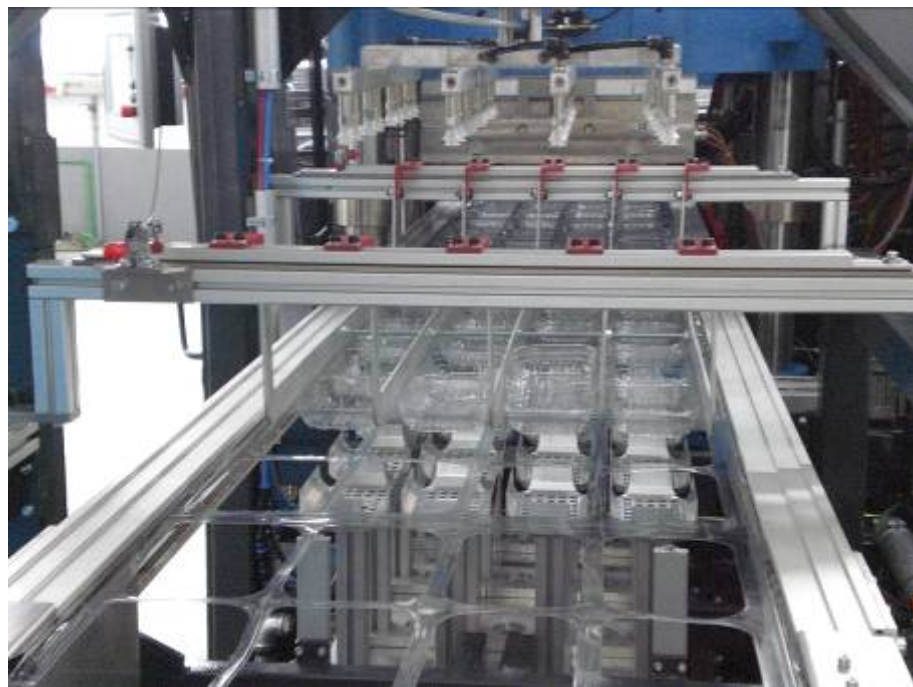
Consistent product-quality is the end result.

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Status: 12/08
Rev.: 2
VW/R. Plot
Seite 2/3

Feed rods in the table drives of the steel-strip stamper

The combination of feed rods and optimised yoke adjustment supplies precise repeating accuracy for the distance between the stamping tool and stamping plate. The service life of the stamping tool is extended.



Flexible robot-stacking

The KIEFEL robot-stacking system offers a flexible and reliable stacking solution designed for high-speed production, complete with low tooling costs, an ergonomic working height of one metre at the end of the conveyor belt and ample buffer

Future-oriented control system technology

Simotion supplied by Siemens. Integrated system for positioning, with SPC placed directly in the drive. Minimum cycle times with optimised functional results. Coordinated multi-axis movements: fast and precise.

KIEFEL GMBH

Industriestrasse 17-19
83395 Freilassing
Germany

T: +49 8654 78-182
F: +49 8654-497
E: kiefel@kiefel.de
www.kiefel.de

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KIEFEL is a world leader when it comes to the design and manufacture of machines used to process plastic foil materials. The company offers core expertise in the fields of forming and joining technology. In addition to supplying the packaging industry, KIEFEL also serves the automotive, medical technology and refrigeration sectors.

KIEFEL GmbH is based in Freilassing, Germany. The company also runs its own network of sales and service centres in the United States, France, the Netherlands, Russia, the Czech Republic, China and Brazil, and is represented by sales partners in more than 60 countries worldwide.

Kiefel GmbH is a member of the German Brückner Group, a worldwide leading supplier of plastics machinery with approx. 1,400 employees. Brückner is world market leader in the field of film stretching lines and also provides cast film and sheet extrusion lines as well as - via Kiefel Extrusion GmbH - blown film extrusion systems and film winders.

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