

**KIEFEL at NPE 09, McCormick South Hall, Booth #18039**

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**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: 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 new SPEEDFORMER KMD 60 B can run through all movement sequences at a dry-running rate of up to 80 cycles per minute.

The innovative drive technology ensures faster and more precise movements of the SPEEDFORMER machines. They are perfectly designed for a high economic efficiency in the industrial scale manufacture of packaging parts.



Pressure Forming Machine KMD 78 B SPEEDFORMER

**Focus: Cup forming – time for SPEED and performance**

***Time for KIEFEL's Thermorunner KTR SPEED Cup Forming Machines. They combine intelligent technology, perfect quality and optimum production rates with low costs.***

Yogurt cups, drinking cups, cups for use with snap-on lids or plant-pots – benefit from the best price-to-performance ratio.

An optimised forming area permits more cavities per tool and thanks to an efficient tilting mechanism, Thermorunners offer a higher production output.

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**Future-oriented control system technology**

KIEFEL also includes its new SIMOTION PLC system here, which has already been used successfully with the KMD Speedformer range. A main characteristic is the position control system and SPC, which are directly linked to the drive systems. A radical system solution designed to provide short cycle times.

**KIEFEL – The Partner of the Automotive Industry for the production of interior trim components**

**Individual solutions:** Kiefel is one of the international market leaders wherever the processing of plastics for the automotive industry is concerned. Working in close cooperation with our customers, we plan and provide complete solutions for the production of interior trim components, like instrument panels, door panels, consoles and covering elements, map pockets, pillar liners, sun visors ...

**Outstanding know-how**

Our strength lies in our total mastery of the processing technologies involved, our engineering potential and our know-how as producers of industrial machines. These factors are what guarantee the very best in functionality, aesthetic appeal and haptics and maximum cost-effectiveness of the products made using our systems.

**A comprehensive range of technologies**



- Vacuum-laminating of substrates with PVC and TPO foil.
- Preforming of foil for subsequent application to foam backing, back-injection or back-pressing
- Vacuum lamination and forming of foils by the in-mold-graining process (IMG)
- Slush moulding
- Edge folding of foils, textiles, leather and Alcantara, with or without adhesive.
- Press-laminating of textiles, leather and Alcantara
- Riveting by means of ASC technique and/or ultrasonic
- High-frequency welding
- Special procedures for gluing and assembly

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**Machinery and Devices for Use in the Medical Technology**

Cost, physical requirements, ecological aspects – many are the factors that play an important role where the selection of the right material is concerned. Whatever your final decision in this respect might be, Kiefel is the high-tech supplier to choose.

The Kiefel Inline Machine Concepts are used for the production of articles for the pharmaceutical industry throughout the world. Whether for PVC or polyolefin – the machine designs are particularly based on the demands and requirements of our customers whereby the highest possible output rates are guaranteed.

The extremely high quality criteria for the production of blood bags, infusion bags or CAPD products for the subsequent sterilization process are perfectly met by Kiefel machines as well as all the necessary demands for operating the equipment under clean-room conditions.

Kiefel also focuses on cost-effectiveness and product quality when designing and fabricating machines for the manufacture of urine and ostomy bags or multi-compartment items.



Customer specific machine solutions based on standardised subassemblies, plus the use of a wide range of monitoring and testing equipment, help guarantee this.

**Infusion-Bag Filling Systems**

Kiefel also offers complete solutions for filling systems.

These filling units can be operated with either TC or HF system A CIP/SIP system ensures automatic cleaning and/or sterilisation.

*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 moulding and joining technology. As a supplier to reputable manufacturers in various sectors, Kiefel GmbH services customers in the automotive, medical technology, refrigeration and packaging industries.*

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## PRESS INFORMATION



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*The head office of KIEFEL GmbH is 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. 1,200 employees. Brückner is the 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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