

PRESS RELEASE

Company

KHS now expands Bottles & Shapes™ consulting program to include bottles and cans

Machinery and systems manufacturer KHS expands its container development services

- Comprehensive advice on the entire value chain
- Cost savings for customers by optimizing material usage
- Format conversions implemented within up to eight weeks

Dortmund, November 13, 2018 – Individual design that combines functionality and efficiency: The KHS Group is expanding its Bottles & Shapes™ program and is now also offering its holistic consulting expertise in container development and optimization for cans and glass bottles. Customers have already benefited to date from decades of know-how gained by the PET bottle specialists. System provider KHS supports customers at an early stage starting from the idea up to market maturity, thus ensuring planning reliability and a smooth process of synchronizing the new product with the existing line. KHS also continues to assume responsibility for sustainable actions: besides making optimal use of raw materials, additional energy-saving measures also reduce the consumption of resources for bottlers.

The design of the glass bottles and cans should be oriented to the product and target group, the containers should be easy to handle, cost-efficient,

sustainable and as easy and reliable as possible to process on the line: the requirements in the development of containers are initially numerous and often vague. This is exactly where this service comes into play with the consulting expertise from KHS. "When a bottler approaches us with a request to develop a new or improve an existing container, we have the overall process in mind right from the start," says Armin Wille, head of Bottles & Shapes™ at KHS. As a system provider, KHS focuses on rapid and individually coordinated project planning and implementation.

"We do this by discussing ideas with our customers, giving advice on individual design and, at the same time, identifying the efficiency potential throughout the entire line. Even in this first step, the high requirements for aesthetics and uniqueness of the containers is taken into account and are optimally combined with technical functionality in the best possible way," says Wille. KHS relies on digital 3D animation to develop containers with Bottles & Shapes™. "This enables us to make an initial assessment of the bottle shape and then systematically optimize it."

Production of precisely fitting format parts

Together with global partners, the experts carry out detailed technical evaluations in advance and check whether the cans or glass bottles can be filled without difficulty on customer machines. The new format parts are then produced to exactly fit the existing lines. By quickly assembling the corresponding format parts and the corresponding customization conversions on the system, KHS ensures that new products can be launched smoothly. Bottling plants are thus able to profit from high production reliability.

"Our turnkey system offers comprehensive project management extending from receipt of the order to commissioning," explains Wille. After completion of the technical clarification, machinery and systems manufacturer KHS implements the format conversions for filling cans,

glass and PET bottles in the line within a maximum period of only eight weeks. Through integrated planning with the help of Bottles & Shapes™, KHS makes it possible to seamlessly launch new products to the market and ensure a reliable time to market and at the same time focus on material and energy savings by developing lightweight cans and glass bottles. Bottlers profit from reduced costs once the production launch is successfully completed.

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(Picture source: KHS Group)

Bottles & Shapes™: The KHS Group is expanding the Bottles & Shapes™ program and is now offering its holistic consulting expertise in container development and optimization not only for PET bottles but for cans and glass bottles as well.

Logo: KHS has expanded its services as indicated by the new Bottles & Shapes™ logo.

Armin Wille: "We have the overall process in mind right from the start. We do this by discussing ideas with our customers, giving advice on individual design and, at the same time, identifying the efficiency potential throughout the entire line," says Armin Wille, head of Bottles & Shapes™ at KHS.

About the KHS Group

KHS is one of the leading manufacturers of filling and packaging systems for the beverage, food and non-food industries. The KHS Group includes the following companies: KHS GmbH, KHS Corpoplast GmbH, NMP Systems GmbH and numerous subsidiaries outside Germany.

KHS GmbH manufactures modern filling and packaging systems for the high-capacity range at its headquarters in Dortmund, Germany, and at its factories in Bad Kreuznach, Kleve and Worms. The KHS Group's PET expertise is pooled at KHS Corpoplast GmbH in Hamburg, Germany, where innovative PET packaging and coating systems are developed and produced. NMP Systems GmbH, a wholly-owned subsidiary of KHS GmbH based in Kleve in Germany, designs and markets new, resource-saving packaging systems for PET bottles.

In 2017 KHS and its 5,070 employees achieved a turnover of around €1.137 billion. The companies in the KHS Group are 100% subsidiaries of the MDAX-listed Salzgitter AG corporation.

Contact for journalists

Sebastian Deppe
Sputnik GmbH
Press and PR
Hafenweg 9
48155 Münster, Germany
Phone: +49 251 / 62 55 61-243
Fax: +49 251 / 62 55 61-19
deppe@sputnik-agentur.de
www.sputnik-agentur.de

**Contact for publishers'
representatives**

Eileen Rossmann
Mediaberatung
mmb mediaagentur gmbh
Rotebühlplatz 23 (City Plaza)
70178 Stuttgart, Germany
Tel: +49 711 / 2 68 77-656
Fax: +49 711 / 2 68 77-699
eileen.rossmann@mmb-media.de
www.mmbmedia.de