**Press release***Trade press*

**Creating Change Together – Kautex Maschinenbau to present sustainability concepts at K 2019**

**This year’s plastics trade show in Düsseldorf is to be dominated by the circular economy. Alongside digitalization, recycling and sustainability are among the central topics of the industry. Many exhibitors will present solutions that help to make production more sustainable. This also includes the Bonn-based company Kautex Maschinenbau, one of the world leaders in the production of extrusion blow molding machines. With the slogan “Creating Change Together,” the company will present various technologies, such as a newly developed extrusion head that drastically reduces the consumption of raw materials when changing color and material.**

**Live demonstration of highly efficient bottle production with PCR**The sustainable aim while developing the new extrusion heads was to enable significantly quicker color and material changes, as laborious purging or cleaning not only takes time but also consumes material. At the Kautex booth in Hall 14, visitors will be able to see for themselves how the new generation of extrusion heads work and where the potentials for saving are. To serve as an example, an all-electric KBB60 blow molding machine will demonstrate the production of a sustainable three-layer bottle containing PCR in live production. The materials processed are supplied by the renowned manufacturer Braskem. To reduce the consumption of raw material, a mixture of polyethylene (I’m green™) and PCR is also foamed in the middle layer. Kautex, together with the Brazilian plastics material manufacturer, selected the raw materials to achieve a significantly improved carbon footprint as an additional benefit. What’s more, the bottle has a neutral odor despite the use of PCR. To complete the production cycle, the company Erema will recycle the bottles produced during the trade show. The location of this live recycling demonstration will be the Erema “Circonomic Centre” in the outside area where the circular economy will be brought to life for the trade show visitors.

**New digital services at the Service Point**At the “Service Point,” Kautex will present its new digital solutions in customer service. With the new augmented service, Kautex customers will have the opportunity to examine machine faults together with Kautex service technicians within the shortest time possible. This means that teams of experts all over the world can directly examine the machine in a virtual environment in order to solve a problem. Kautex has also set up a new portal for ordering replacement parts. In future, customers will be able to identify the replacement parts required for their machine online via “Kautex Spare Parts” and immediately check availability and prices, making the order process and re-ordering significantly easier. Visitors to the Kautex booth will have the chance to familiarize themselves with these new digital services at the Service Point. What’s more, there is a new development for Kautex virtual machines – first presented at K 2013 – which are digital twins of machines used as simulators. The virtual machines are now interactive and require machine operators to react appropriately to changes in machine process settings. An error-free article is only displayed if the settings are correct.

**Shuttle service to plant tour in Bonn**Kautex will offer individual plant tours in the company’s Bonn headquarters during the trade show. A shuttle service will transport visitors who are interested to visit the company’s facility in Bonn in around 50 minutes. Here, Kautex runs one of three global development centers, known as Technikum. Machines for the entire range of applications are available at the Kautex Technikum, some of which can be seen in live operation. At the Technikum, Kautex presents various bottles made from PCR materials sourced from different manufacturers that are undergoing testing as part of long-term experiments with PCR processing. In addition, there will be a demonstration of a new approach for creating a barrier layer on the inner surface of hollow containers by plasma coating. In this way, the CoEx process that would otherwise be necessary is avoided. Visitors will also have the chance to see a variety of machines types in the assembly halls. A personal guide will take guests on the tour and provide detailed information. Visitors to K 2019 can find out more about services and book plant tours at the Kautex booth.

**Kautex at K 2019: Hall 14, booth A16/18**

**About Kautex Maschinenbau**Eight decades of providing its customers with innovative products and services have turnedKautex Maschinenbau into one of the world's leading companies in extrusion blow molding technology. With customers that include major automobile manufacturers and suppliers, as well as companies working in the packaging industry. All of them have come to rely on the knowledge and experience of a brand that stands for both quality and reliability. In addition to its HQ in Bonn, a Customer Service Center in Berlin and regional offices in the USA, Russia, China, Italy, India, Mexico and Malaysia, Kautex Maschinenbau operates an extensive global network of service and distribution offices. **Contact details**Christian KirchbaumerTeam Leader Communication and MarketingKautex Maschinenbau GmbH

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