

Press Release

Deep-drawn components for the smart factory - STÜKEN enables high-performance sensor technology



Rinteln, February 1st, 2019 - Wherever small, precise metal components are required, STÜKEN delivers reliable quality and economical solutions. There is hardly an industry, hardly a technical product without at least one STÜKEN component. New potential emanates from the smart factory - keyword Industry 4.0.

STÜKEN is the global market leader for deep-drawn and stamped parts for the automotive industry. However, the products of the globally positioned company are just as

indispensable in other industries. Managing Director Nils Petersohn: "Sensors are an important area of application for our deep-drawn components. This is where we have decades of experience - and yet we see a lot of untapped potential."

The buzzword is Industry 4.0. It refers to the integration of industrial production with modern information technology. In the smart factory, components are supposed to communicate independently with the production plant, initiate repairs themselves or reorder material. This requires sensors that act as the sensory organs of the machines. They capture reality and convert it into digital signals. Intelligent sensors form the interface to machine control on the one hand and to data collection and evaluation on the other hand.

The demands placed on systems are becoming ever more complex - and the know-how and technical capabilities of suppliers are becoming increasingly important. "Our customers appreciate our expertise in components that are used in particularly difficult conditions, for example at high temperatures or in aggressive media. This is of crucial importance for many sensors", explains Petersohn. "We process all deep-drawable materials and also advise our customers on material selection. Consequently, the customer receives a component that exactly fits his requirements – including high precision and reliability, of course."

Components for sensors have always been an integral part of the STÜKEN product range. The range of supplier parts for sensors totals more than 100 parts - and is rising. For the factory of the future, these include sleeves for temperature sensors, caps for covers, housings for shields, as well as connectors and cable connections. "We are the experts for deep-drawn components with a particularly high degree of forming and unusual contours", says Petersohn. "We look forward to every new challenge. "

About STÜKEN

Founded in 1931, STÜKEN today is considered the world's leading supplier of precision deep-drawn parts made of metal. Stampings and injection-molded parts as well as complex assemblies complete the range and guarantee customers finished products of highest quality. The products can be found in countless applications from domestic appliances and fittings to computers, mobile phones, insulin pens and

automobiles. The family-owned company is headquartered in the German city of Rinteln on the river Weser and has subsidiaries in the United States, the Czech Republic and the People's Republic of China. STÜKEN employs around 1,300 staff and generates annual sales of €200 million.

Media contact

Hubert Stüken GmbH & Co. KG

Sandra Göhner-Baake, Marketing Manager

Phone: +49 5751 702-471, E-Mail: sandra.goehner@stueken.de

www.stueken.com