

Press Release 8/2011

## Leistritz shows the right drive at FAKUMA

**From October 18<sup>th</sup> to 22<sup>th</sup>, 2011 Leistritz not only presents the ZSE MAXX extruder, but also the Harley Davidson XXtrusion Bike.**

Friedrichshafen (October 2011) – At this year's FAKUMA fair Leistritz Extrusionstechnik GmbH shows the advantages of its renowned ZSE MAXX series by exhibiting a ZSE 27 MAXX extruder. "Our machines, which are developed for volume as well as torque restricted formulations, can run various applications. They have established themselves in the market", says Anton Fürst, COO of the German extruder manufacturer. "To showcase this unique combination of torque and volume, we have created a one-of-a-kind custom Harley Davidson, using original parts from Leistritz Extruders."

### *ZSE 27 MAXX*

Whether it is applied in the fields of formulation and process development or as a production machine, using the co-rotating twin screw extruder ZSE 27 MAXX the compounder gets an efficient small machine with performance that does not fall short of the "big" ones. They all have the high screw volume (OD/ID = 1.66) in common, but this machine facilitates reliable scale-up calculations to larger ZSE MAXX extruders. In combination with the very high torque high throughputs can be realized, depending on the formulation. Here are some specific examples: up to 300 kg/h with master batch applications, up to 60 kg/h when producing metal compounds, up to 70kg/h with PEEK compounds and when incorporating 60% CaCo<sub>3</sub> in PP up to 100 kg/h can be produced. Also when running viscous masses like glass fiber formulations, results of 150 kg/h can be achieved.

### *XXtrusion Bike*

"What is the best way to interpret high torque and volume? This was the main thought behind the idea of creating our XXtrusion bike, a unique Harley Davidson Panhead", explains Anton Fürst. "We showed it at the K Fair 2010 for the first time – with a huge success!" Original Leistritz screw parts and extruder equipment were used in the bike's construction. With an engine

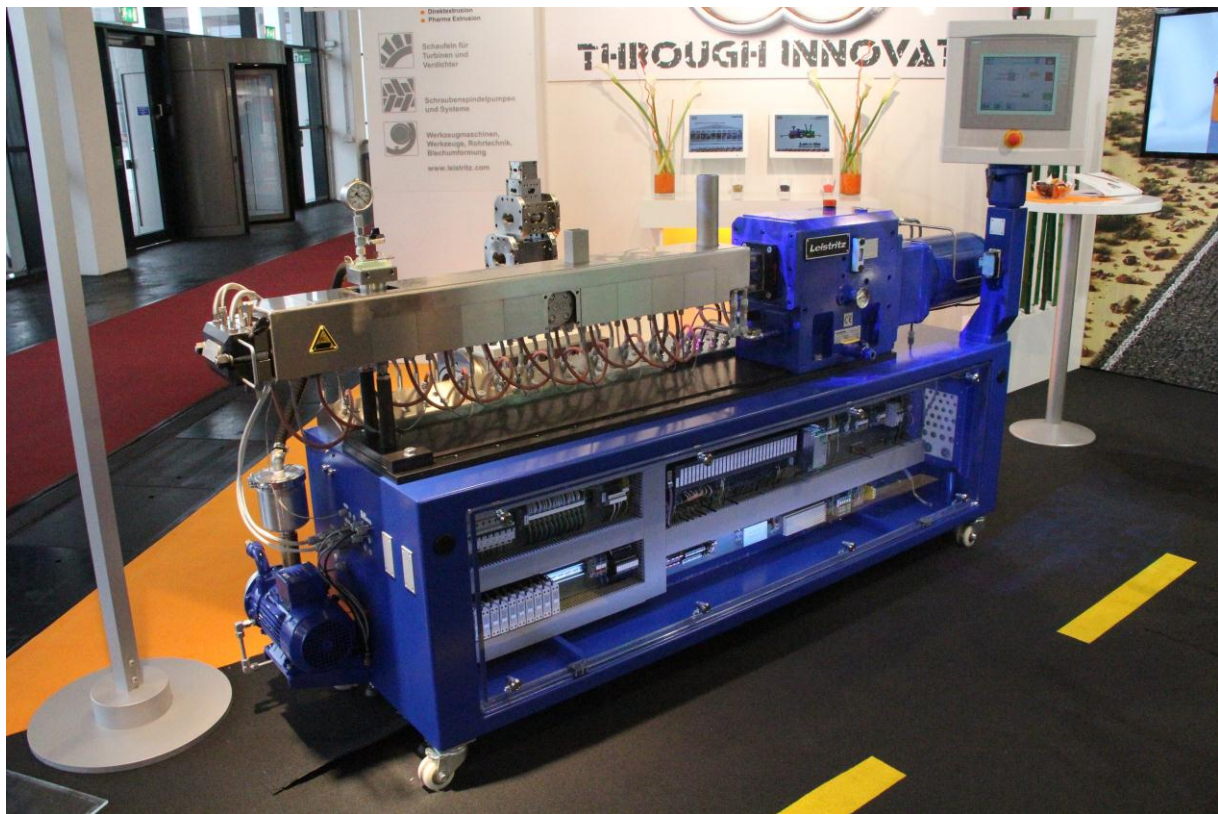
capacity of 1,200 cc, a torque of maximum 150 Nm and 46 kW of power, our Leistritz Harley reaches a top speed of 180 km/h.

To get a picture of the extruder and the bike visit the Leistritz stand in Hall A6-6302.

**Pictures:**



**Suggestion for Caption**  
*The Leistritz XX-Trusion Harley Davidson*



### **Suggestion for Caption**

*The ZSE 27 MAXX facilitates a closer look into the inside of the extruder*

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### **Leistritz Extrusionstechnik GmbH**

For almost 40 years Leistritz Extrusionstechnik GmbH with its headquarters in Nuernberg, Germany has been building twin screw extruders for the processing technology. Leistritz's customers benefit from the know-how in various areas of material processing such as masterbatch, compounding, direct, lab and pharmaceutical extrusion. With a subsidiary in the U.S., the American Leistritz Extruder Corp., and sales offices in Italy, France and Taicang/China, Leistritz employs more than 150 associates worldwide.