

# STUDENT PROJECT WITH LOTS OF DRIVE

## Nuremberg racing car for Formula Student

On their website it says that they strive for professionalism during their studies. But to achieve this the students at the Technical University of Nuremberg also need practical experience alongside theoretical education. The team of roughly 50, which formed the “Stroh+&Söhne” association, have been getting this for three years by building a Formula 1 racing car for the Formula Student design competition. For their voluntary work on this project they are sponsored by various local companies – by Leistritz too.

### NORA 3

“We already supported the team last racing season,” explains Michael Rothaug, Technical Purchasing Manager at Extrusion Technology. “When we received the inquiry again this year, it was clear to us that we would do our bit to ensure the racing car was built.” Leistritz supplied a filigree housing made of solid aluminum for the differential gears. “For all non-technicians: with this unit the two rear wheels are driven so that they can turn at different speeds but with the same thrust in bends,” explains Rothaug, who acted as the interface between Leistritz and the students.

The time had finally come on August 5, 2015: NoRa 3 was presented to the public. The electric car, which is starting in the Formula Student Electric category, will now have to prove itself in various races, including those in Silverstone (Great Britain) and Győr (Hungary).

### FORMULA STUDENT

Formula Student is the European answer to the American Formula SAE™. This was founded in 1981 by the Society of Automotive Engineers as a university competition in the USA. In this competition the participating students design, construct and build a Formula 1 racing car within a year based on a set of rules.

The racing cars are assessed in various disciplines at competitions worldwide by a jury of experts consisting of jurors from the automotive industry and Formula 1. ■



NoRa impresses on the race track.



Michael Rothaug (right) at the roll-out (presentation) of NoRa 3