

# AMZ News

## MANUFACTURING

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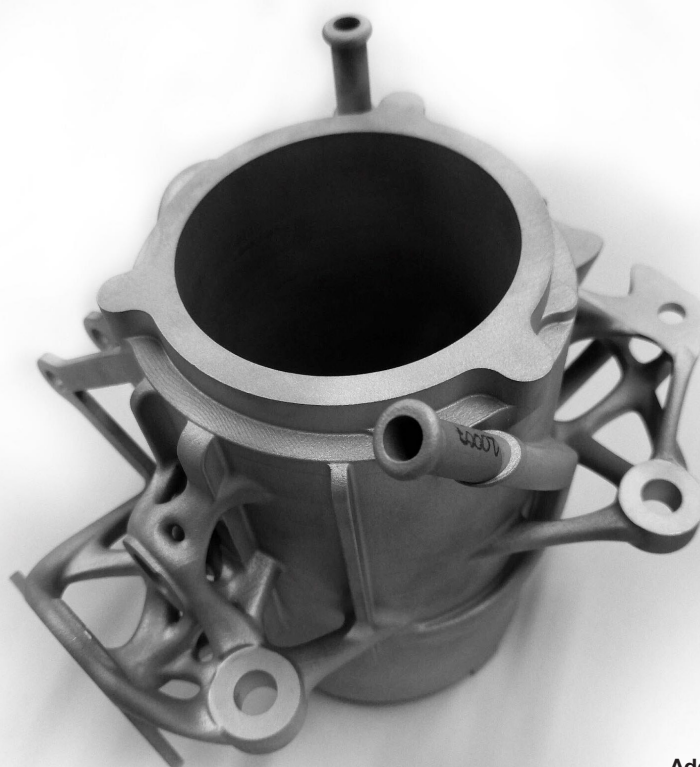

## Manufacturing

After an intense couple of months spent designing the car, all of our modules started manufacturing at the beginning of January. While some had to discuss and coordinate the proceedings and details of their parts with our partners, others started laying on their own hands with the manufacturing of various carbon fiber parts. Leading those efforts was the monocoque – *mythen's* largest and most effortful single part. In a three-step process a positive mould was made first with which then a negative one could be manufactured. Inside of it, the carbon fiber monocoque is made in the chassis manufacturing's final and most critical phase.

Meanwhile, over 400 parts were distributed to our partners for external manufacturing. Out of the parts, one plays a very special role: Thanks to highly advanced technologies in cooperation with AM Kyburz we were able to realize an even more compact and lightweight wheel packaging than in the years before thanks to modern laser melting technologies. An upright with a geometry optimized to its load cases is the core piece of those components hidden away inside the rims. Using those very same methods, our brake calipers are made out of one single piece to improve stiffness and weight.

## Events

At the start of February, the registration quizzes for the European Formula Student events took place. Thanks to intensive preparations, our team was able to qualify for all events we wished to attend. We are happy to announce that the team will compete with *mythen* this summer in the Netherlands (TT Circuit, Assen), in Austria (Red Bull Ring, Spielberg), in Germany (Hockenheimring) and in Spain (Circuit de Catalunya, Barcelona) against the best teams in the world trying to match the successes of years past.



Additively manufactured upright  
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### Geneva International Motor Show

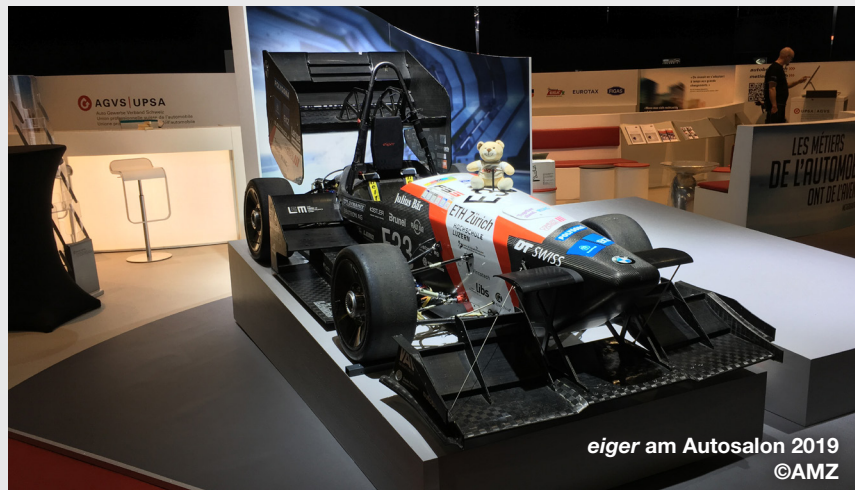
AMZ was represented again this year at the Geneva International Motor Show for the third time in a row. During eleven days we had the chance to present our project to the people and press attending. With us was *eiger*, our 2018 car, overall winner of two Formula Student events and the reason why AMZ was able to finish the season on top of the world ranking.

We would like to say thank you to AGVS for enabling us to be part of one of the world's largest automotive conventions.

### Things to come

We now enter the final stretch of our manufacturing phase with plenty enthusiasm left and will start the assembly of the car shortly. Following that the car will go through its initial commissioning before being put through its paces and tuned to the finest during testing.

And at this point we would like to again thank our sponsors. You make sure that our car is supplied with all the parts it needs within the shortest amounts of time. We would not be here without you. Now we very much look forward to present *mythen* to you and the general public at the end of May.



*eiger* am Autosalon 2019 ©AMZ

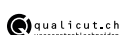
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