

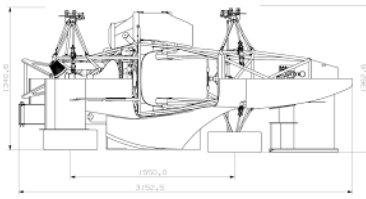


Team HARE Newsletter

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Sponsors

Production has begun

In the previous edition of this newsletter, we very happily gave our sponsors an exclusive reveal of our car. We also revealed this to the public in recent weeks, with some very exciting responses. Now that the final car design is complete, it is now time to get all our parts manufactured and purchased.

The last few weeks have been very busy in the workshop, with a lot of our suspension components being machined and a lot of deliveries coming through the door. Elsewhere our wheel nuts, hubs and uprights are being manufactured by Thomas Brown Engineering, which we cannot wait to get our hands on.



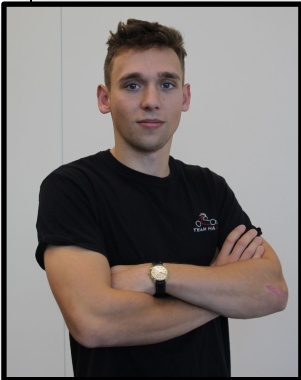
Hoosier Tyres

In the spotlight

In each instalment of our newsletter we will introduce a department.

This month we are introducing our suspension department, Danny Mall and Jack Lynas

Role Responsibilities:	Design and optimisation of the suspension system for 10 inch wheels.
Personal team ambitions:	Design and build a suspension system that will make our car handle and perform well in the competition.
Where are you from:	Somerset, UK.
Interesting fact about yourself:	My car is older than I am.
What are you most looking forward to this year in Team HARE:	Seeing the car compete at the event.
Bio:	I enjoy board sports such as surfing, skateboarding and wakeboarding. Member of Huddersfield surf society that hold regular trips to Wales and Cornwall.



Danny Mall, Suspension Leader

Role Responsibilities:	The design of the suspension system to work with our new 10 inch wheels.
Personal team ambitions:	To design and build an efficient suspension system that is able to complete all of the events without failure, whilst performing to a high standard.
Where are you from:	Essex, UK.
Interesting fact about yourself:	I own 7.5 bikes (the half being a unicycle). Regretfully, only 3 are currently rideable.
What are you most looking forward to this year in Team HARE:	The first time the car starts and drives under its own power.
Bio:	Outside of Team HARE, I'm part of the committee on the University's Karting Society. My hobbies also include cycling, surfing and sleeping .

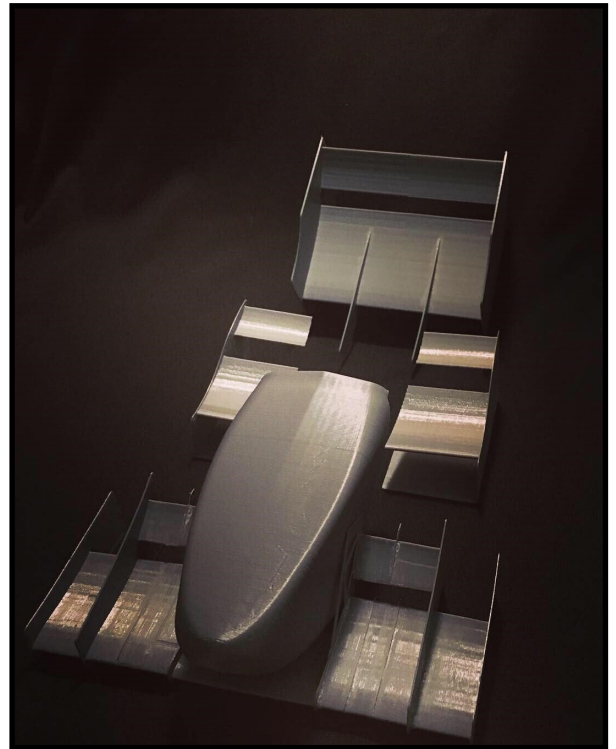


Jack Lynas, Deputy Suspension Leader

Car development

With our car being designed, it's now the turn of getting everything manufactured and bought in. Although this doesn't mean all the hard work is done, over the next few weeks the team will be carrying out testing and validation on parts to ensure they meet expectations and simulated results.

A very exciting development for the team is the 3D printing of a scaled version of the HARE19 car. A big thank you to 'Experimental Designs' for the help. With this 10th scaled model we can assess the aerodynamic performance in our wind tunnel and make any adjustments if required before manufacturing the final design.



HARE19 3D Print

Another huge development for the team is the arrival of all our carbon fibre rods from Tri-Cast. It is a huge advantage for the team to use a lightweight composite material instead of steel. Team HARE is still one of only a handful of teams who compete in formula student, where carbon wishbones are successfully applied. This gives us a huge advantage over the competition, of which we are extremely grateful to Tri-Cast for their continued support of Team HARE.



Carbon fibre wishbones supplied by Tri-Cast

Team updates

Other good news for the team is the delivery of the team kit, kindly supplied by Kappa. The kit has been sent to our printing supplier where we can't wait to get it back to wear and show off all our sponsors around Huddersfield and at events.



Team Kit T-Shirt Design



Team Kit 1/4 Zip Design

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Without the support from our fantastic sponsors, Team HARE would not be possible.

We would like to say a huge thank you to our sponsors, and show our appreciation for their time and efforts that they have dedicated to us. HARE19 are very grateful for this.

If you want to learn more about us, you can visit our team website, social media channels or contact us by email.



www.teamhare.co.uk



teamhare@hud.ac.uk



@TeamHare.FS



@Team_HARE



@teamhare