

# NEWS



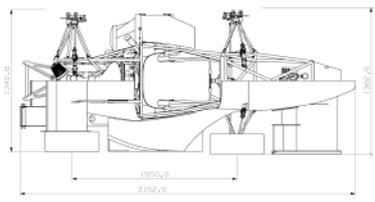
## Team HARE Newsletter

## April 2019 Issue

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Sponsors

### Components are flying in!

In the last month, the team has had the pleasure of meeting multiple team sponsors including Thomas Brown Engineering, DENSO, and Thorite. This included the collection of newly machined parts and equipment to assist with the car build. A big success this year is the partnership with Thomas Brown Engineering who have kindly machined all our newly designed uprights, wheel hubs, and wheel nuts. The final quality of the components was fantastic and we couldn't be happier, we look forward to getting them anodised and put on the car.



Thomas Brown Engineering machined upright

# In the spotlight

In each instalment of our newsletter, we will introduce a department. This month we are introducing our Powertrain Department, Conor O'Brien and Jack Watson.

<b>Role responsibilities:</b>	<b>To manage the powertrain.</b>
Personal team ambitions:	To provide the team with a reliable powertrain capable of completing all of the events to a high standard.
<b>Where are you from:</b>	<b>Cambridge, UK.</b>
Interesting fact about yourself:	I used to be obsessed with athletics until I damaged my achilles tendon and spent nearly a year on crutches.
<b>What are you most looking forward to this year in Team HARE:</b>	<b>Showing the Formula Student Grid that Huddersfield is capable of manufacturing and designing a competitive formula student vehicle.</b>
Bio:	I enjoy watching and participating in a range of sports, in particular cycling where I race 4X. I am looking forward to pursuing a career in the Motorsport industry when I complete my masters.



Conor O'Brien, Powertrain Leader

<b>Role responsibilities:</b>	<b>Shared leadership of the development and implementation of the powertrain into the Formula Student vehicle. Specifically working on the intake and exhaust design, as well as engine mapping.</b>
Personal team ambitions:	I am hoping to put together a reliable car that can get through scrutineering with minimal trouble, and at least compete in every dynamic event.
<b>Where are you from:</b>	<b>Dagenham, UK.</b>
Interesting fact about yourself:	I have a worrying obsession with classic motorsport.
<b>What are you most looking forward to this year in Team HARE:</b>	<b>Getting a competent running car together with this team.</b>
Bio:	I am interested in most forms of motorsport, to one extent or another. I also enjoy go-karting whenever possible. Outside of automotive, I enjoy food and like to try new stuff whenever I can. Currently I have a particular interest with the Japanese culture which has led me to learn the language.



Jack Watson, Deputy Powertrain Leader

# Car Development

Since the last newsletter, it has been the busiest month in terms of deliverables and meeting targets.

A huge proportion of this years project got ticked off with the delivery of the TIG welded chassis frame. The team is hugely grateful to TEi who completed a difficult task in a very quick turn around and to a very high standard. The team were ecstatic to see the chassis in the workshop and quickly begun to test fitted components and the driver, this test proved to be very successful with no issues. The next steps include adding mounts, powder coating and assembling everything together.



HARE-19 Chassis

The team also received supplies from our fantastic sponsors including Nimbus Motorsport, RS Components, HEL Performance, Schroth, Autosport Bearings and Thorite. These supplies included crucial components for the build including brake lines, bearings, racing harness, sensors, and air powered tools. A big thank you to all of our sponsors who have assisted the team, the project wouldn't be possible without you.



Sponsor Deliveries

# Team updates

The team had the pleasure of welcoming IMechE committee member, Roy Chowings, where we discussed this year's plan and our current progress. From his visit, he was very pleased with the current progress and was excited about the ideas and designs we have implemented onto this years car. A huge part of his visit was the award of £3000. This was achieved through the submission of a report stating why we deserve extra funding and how it will benefit the team. We were one of nine teams who successfully received this prize.



**IMechE Award**

As well as the successful IMechE visit, the team also had the pleasure of welcoming Richard Vaughan from Thorite for a tour around our facilities and to display the progress of the build. The team and Richard had a great chat regarding our plans for this year and what we have achieved thus far, the air tools and lubricants that Thorite has supplied will help speed up the project and assist with manufacturing a higher quality end product.



**Thorite Visit**

The team under went a driver evaluation this month, with multiple go-kart races. From this we managed to find who was consistent and who could achieve the fastest lap times. The result from this identified who will be driving the car at events.

# Our sponsors

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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](http://www.teamhare.co.uk)



[teamhare@hud.ac.uk](mailto:teamhare@hud.ac.uk)



@TeamHare.FS



@Team\_HARE



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