



# PARTNER BROCHURE

2025



# FORMULA STUDENT TEAM ROAD ARROW 2025



[fsra.stt.org.rs](http://fsra.stt.org.rs)



@roadarrowteam



Road Arrow



DrumskaStrelaFS



Student Technical Tournaments,  
Studentski trg 1, 11000 Beograd;  
[www.fsra.stt.org.rs](http://www.fsra.stt.org.rs), [formula.student@stt.org.rs](mailto:formula.student@stt.org.rs);  
Identification number: 28032463, Tax ID: 106916946;  
Account numbers: RSD 160-0000000399026-75,  
foreign exchange IBAN: RS35160005080003758960

## TEAM COORDINATOR

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Road Arrow is first Serbian Formula Student Team.



# FORMULA STUDENT

Formula Student is the world's most prestigious engineering competition for students. This competition offers unique ways to test their theoretical knowledge by solving real practical problems. The team's success is evaluated by experienced engineers from the world of the auto industry and the auto-moto sports through various disciplines, business plan and vehicle performance on the track. The goal of the competition is the education and development of students through the design and construction of a racing vehicle.







	FRIEND	BRONZE	SILVER	GOLD	PLATINUM	GENERAL
Company logo and hyperlink on the official project website	+	+	+	+	+	+
Presence of company representatives at special events	+	+	+	+	+	+
Promotion on social media	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>5</b>
Logo on promotional materials	+	+	+	+	+	+
Logo on vehicle		<b>S</b>	<b>M</b>	<b>L</b>	<b>XL</b>	<b>XXL</b>
Logo on team apparel			<b>S</b>	<b>M</b>	<b>L</b>	<b>XL</b>
Opportunity to share company posts				+	+	+
Presence of the vehicle and team members at company events					+	+
Vehicle in company colors						+

2010

The STT association was founded and the first Serbian Formula Student Team.

2013

Designing a new vehicle and winning 10th place at a competition in Italy.



2016

New vehicle and first production of carbon fiber parts.



2019

The team competes in 3 major competitions: Great Britain, the Netherlands and Hungary.



2022

The first electric car made in Serbia! Qualifications at 4 prestigious competitions.

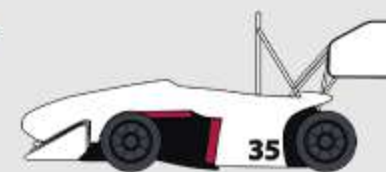


2011

The first competition and performance with the idea concept. Won 3rd place in Clas II at the legendary Silverstone circuit in Great Britain.

2014

New vehicle with first aero package and variable suction.



2017

The team competes for the first time at the legendary Hockenheim track.

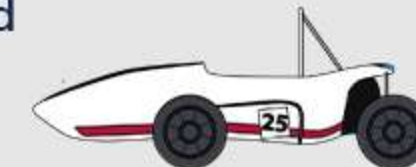


2020

Pause in competitions due to the Covid-19 pandemic, but vehicle design continued.

2012

The team builds the first vehicle and performs on the 2nd competitions.



2015

Vehicle redesign, new aero package, 4th place in endurance race.



2018

Built the fastest and most reliable vehicle in the history of the team.



2021

Performance at 3 major competitions and won 2nd place in Croatia.

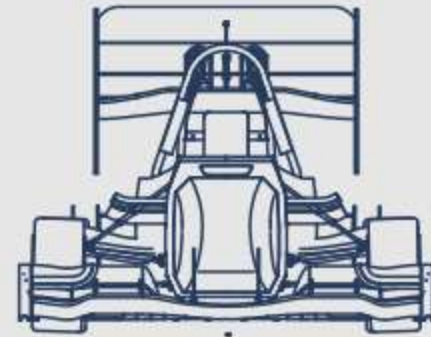
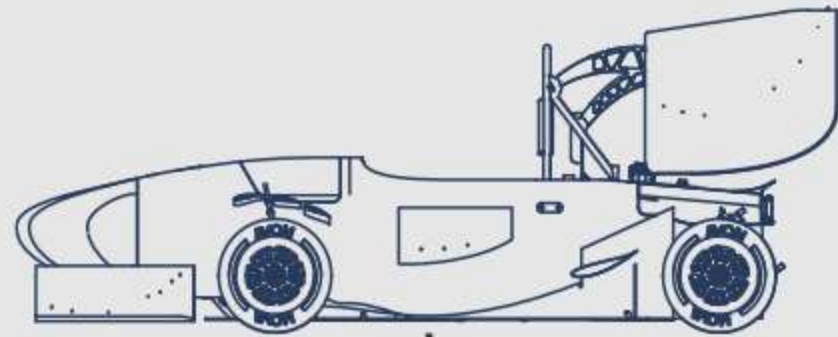


2024 Soon...





# TECHNICAL SPECIFICATIONS OF THE VEHICLE

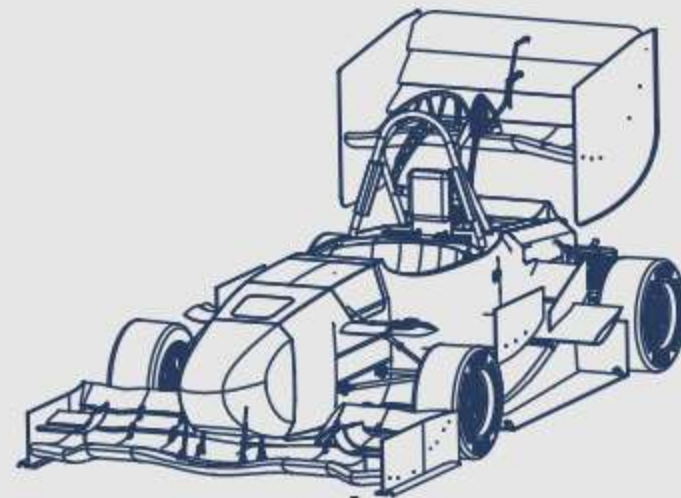
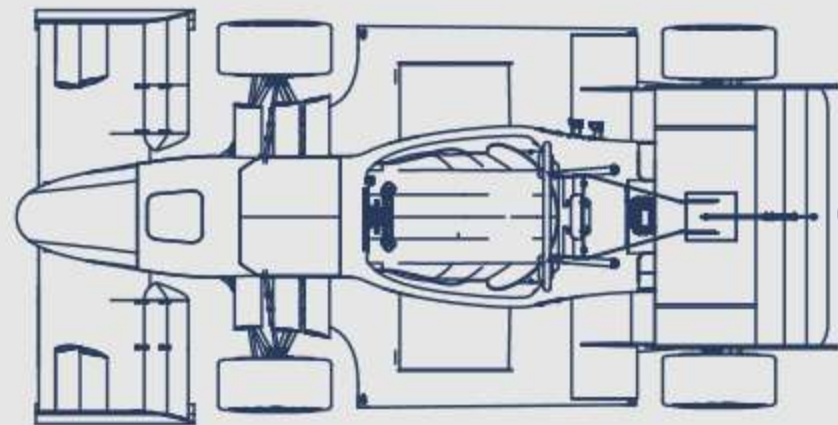


Type  
Material

monocoque  
carbon fiber,  
aluminium honeycomb

Acceleration 0-100  
Top speed  
Maximum torque

4.4 seconds  
135 km/h  
1028 Nm



Active aerodynamics DRS  
Undertray with Ventury tunnels  
Two planetary gearboxes  
Rear wheel drive

Torque vectoring system  
Symmetrical chassis  
Lithium-ion batteries  
Maximum battery voltage 328 V

# TEAM STRUCTURE



The team consists of 5 sub-teams:

Chassis and ergonomics

Aerodynamics

Vehicle dynamics

Power transmission

High voltage

Low voltage

Marketing and sponsorships





Univerzitet u Beogradu  
Tehnološko-metalurški fakultet



Mercedes-Benz



RIVIAN







## ROAD ARROW AT EVENTS

The Formula Student team "Road Arrow" is a regular participant at major events related to the automotive industry, education, and the promotion of science and technology. Some of these events include the **Belgrade Car Show**, **EV Days**, and the **Technical Fair**, among others. Additionally, our team places great importance on collaboration with industry experts, which our members have the opportunity to meet through organized visits to the companies of our partners. Such collaborations are of exceptional importance to our team, and we strive to maintain them for many years to come.

The "Road Arrow" team and the **STT association** recently launched the "Industrial Talk" project in collaboration with the **Faculty of Mechanical Engineering**, the **Student Center of Excellence**, and renowned companies in the automotive industry. The project gathered more than 400 students for the first two presentations. The success lies in adapting the program to each company, providing a realistic view of working conditions. The focus is on communication, questions, and interaction, avoiding long lectures. Positive reactions and a large number of attendees confirm the effectiveness of this approach. We thank **Brose DOO Pančevo** and **Robert Bosch DOO Beograd** for their support.



# FORMULA STUDENT AND THE MEDIA



University of Belgrade against the world's best student teams

ПОЛИТИКА

The "Road Arrow" team is the pride of the Faculty of Mechanical Engineering.



Students built the first electric race car in Serbia.



Pride and future of Serbia.



Students unveiled the first Serbian electric formula car.



The "Road Arrow" team received the "Step into the Future" award.





Electric power, racing passion.