



FORMULA STUDENT TIM DRUMSKA STRELA 2024

Studentska Tehnička Takmičenja/Students Technical Tournaments, Studentski trg 1, 11000 Beograd; www.fsra.stt.org, formula.student@stt.org.rs

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 auto-moto sports through various disciplines that include: engineering design, cost analysis, 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

150

200

of the world's most famous companies supports the competition suppliers from all over the world supplies Formula Student teams

300

50-75%

the world's most famous engineers and managers evaluate the teams engineers in Formula 1 came from Formula student teams

ROAD ARROW

Drumska strela is the first Serbian formula student team whose members are students from different faculties of the University of Belgrade.

The team consists of 5 sub-teams

Chassis and suspension



Aerodynamics and composites



Electronics and software



Drive and dynamics



Marketing and sponsorships



MISSION

Development of innovation and practical skills of future engineers.



GOAL

To be the most successful in everything we do.

2010	The STT association was founded and the first Serbian Formula Student Team.	2011	The first competition and performance with the idea concept. Won 3rd place in Class II at the legendary Silverstone circuit in Great Britain.	2012	The team builds the first vehicle and performs on the 2nd competitions.
2013	Designing a new vehicle and winning 10th place at a competition in Italy.	2014	New vehicle with first aero package i variable suction.	2015	Vehicle redesign, new aero package, 4th place in endurance race.
2016	New vehicle and first production of carbon fiber parts.	2017	The leam competes for the first time at the legendary Hockenheim track.	2018	Built the fastest and most reliable vehicle in the history of the team.
2019	The team competes in 3 major competitions: Great Britain, the Netherlands and Hungary.	2020	Pause in competitions due to the Covid-19 pandemic, but vehicle design continued.	2021	Performance at 3 major competitions and won 2nd prize in Croatia.
2022	The first electric car made in Serbia! Qualifications at 4 prestigious competitions.	20'	24 soon		

soon...



In the first year of the Road Arrow team's existence, we managed to get from the conceptual design of the vehicle to winning the third place for the same competition in Silverstone, after which the development of the first formula began. In the following years until 2021, young engineers designed and built 9 racing formula cars. Our team consists of students and engineers from eight faculties of the University of Belgrade. We nurture and respect team cohesion, team and competitive spirit. Our vehicles have been presented on the famous Formula 1 tracks at over 10 competitions in Germany, the Netherlands, Hungary, Croatia, Italy, the Czech Republic and Austria.

In step with the progress of technology, the idea of an electric formula was born in the team back in 2017 with the first design solution. In the 2022 season, Drumska Strela officially becomes a team that builds its first electric vehicle. Modern technology was a challenge, but the vision was realized. With a lot of effort, the members managed to implement the idea of the vehicle of the future and it was officially presented to the public for the first time in December 2021. More than a hundred students who were part of this team testify to the importance and availty of this project with their business successes.

TECHNICAL SPECIFICATIONS

Type monocoque
Material carbon fiber

 Acceleration 0-100
 3 seconds

 Top speed
 135 km/h

 Maximum torque
 230 Nm (per wheel)

Maximum revolutions19000 rpmMaximum battery voltage588VMaximum battery capacity5.88 kWh





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PLATINUM SPONSOR

GENERAL SPONSOR

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SILVER SPONSOR

GOLDEN SPONSOR

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data and company logo on the site presence of the company at special events post on social networks package 4 logo on the rollup logo on clothes M logo on formula L ability to share company announcements value: €8000



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FRIEND OF THE PROJECT

BRONZE SPONSOR

data and company logo on the site presence of the company at special events social media post package 1 logo on the rollup data and company logo on the site presence of the company at special events social media post pack 2 logo on the rollup logo on formula S value: €2000









































EDePro







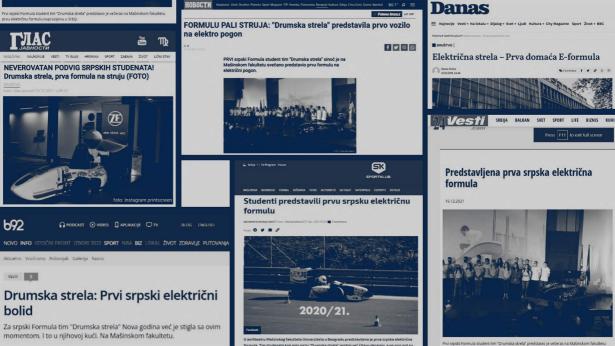












2024



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DrumskaStrelaFS



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