



ROAD ARROW 2024



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

of the world's most famous companies supports the competition

200

suppliers from all over the world supplies Formula Student teams

300

the world's most famous engineers and managers evaluate the teams

50-75%

engineers in Formula 1 came from Formula student teams

ROAD ARROW

Road Arrow 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



Drive and dynamics



Aerodynamics and composites



Marketing and sponsorships



Electronics and software



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 Class II at the legendary Silverstone circuit in Great Britain.

2014

New vehicle with first aero package i 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 prize in Croatia.



2024 soon...

MISSION

Development of innovation and practical skills of future engineers.

VISION

To push the boundaries of education by investing in practical work.

GOAL

To be the most successful in everything we do.

OUR ACHIEVEMENTS

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 quality of this project with their business successes.

TECHNICAL SPECIFICATIONS

Type
Material

monocoque
carbon fiber

Acceleration 0-100

3 seconds

Top speed

135 km/h

Maximum torque

230 Nm (per wheel)

Maximum revolutions

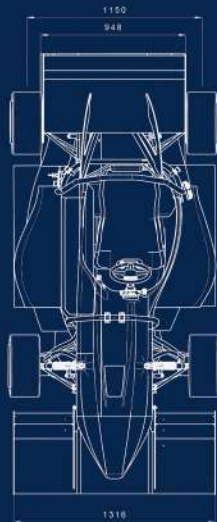
19000 rpm

Maximum battery voltage

588V

Maximum battery capacity

5.88 kWh



SPONSOR PACKAGES

FRIEND OF THE PROJECT

data and company logo on the site
presence of the company at special events
social media post package 1
logo on the rollup

BRONZE SPONSOR

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



SPONSOR PACKAGES

SILVER SPONSOR

data and company logo on the site
presence of the company at special events
post on social networks package 3
logo on the rollup
logo on clothes S
formula M logo

GOLDEN SPONSOR

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



SPONSOR PACKAGES

PLATINUM SPONSOR

data and company logo on the site
presence of the company at special events
post on social networks package 5
logo on the rollup
logo on clothes L
logo on formula XL
ability to share company announcements
vehicle presence at company events

GENERAL SPONSOR

data and company logo on the site
presence of the company at special events
post on social networks package 5
logo on the rollup
logo on clothes XL
logo on formula XXL
ability to share company announcements
vehicle presence at company events
vehicle in company colors





Mercedes-Benz



Prvi srpski Formula student tim "Drumska strela" predstavio je večeras na Mašinskom fakultetu prvu električnu formulu napravljenu u Srbiji.

ГЛАС
JABHOCTИ



NASLOVNA NAJNOVIJE VESTI TV GLAS HRONIKA SPORT ZABAVA ŽIVOT LIČNI STAV

NEVEROVATAN PODVIG SRPSKIH STUDENATA!

Drumska strela, prva formula na struju (FOTO)

DRUŠTVO

Autor: Glas javnosti 19.12.2021. u 09:12



foto: Instagram printscreen

b92

PODCAST VIDEO APLIKACIJE TV

BLOG ENGLJSKI

NOVO INFO ISTOČNI FRONT IZBORI 2022 SPORT NBA BIZ LOKAL ŽIVOT ZDRAVLJE PUTOVANJA

Aktuelno Vozili smo Polovnjak Galerija Razno

VSI 9

Drumska strela: Prvi srpski električni bolid

Za srpski Formula student tim "Drumska strela" Nova godina već je stigla sa ovim momentom. I to u njihovoj kući. Na Mašinskom fakultetu.

HOBOCTИ

Naslovna Vesti Društvo Planeta Sport Magazin TIP Hronika Panorama Beograd Kultura Srbija Omlađina Scena Nportal BG 7

FORMA IDEALNI LAT PAP

FORMULU PALI STRUJA: "Drumska strela" predstavila prvo vozilo na elektro pogon

6. 12. 2021. 10:08



PRVI srpski Formula student tim "Drumska strela" sinoć je na Mašinskom fakultetu svečano predstavio prvu formulu na električni pogon.



Srbija - 1 TV Program Forum



NASLOVNA NAJNOVIJE FUDBAL KOŠARKA TENIS AUTOMOTO SE FIGHT VATERPOLO ESPOIRTS OSTALO

Studenti predstavili prvu srpsku električnu formulu

AUTOMOTO OSTALE VESTI | Autor: Miroslav Vuković | 17. dec. 2021 10:21 | 3 komentara

Posto: f t i s



2020/21.

facebook

U amfiteatru Mašinskog fakulteta Univerziteta u Beogradu predstavljeno je prva srpska električna formula. Tim studenata koji nosi naziv "Drumska strela" nastoji već čitavi deceniji, a no prvi put su

Danas

Najnovije Vesti Na lokalu Dijalog Svet Ljudi Kultura City Magazine Sport Život BBC

Puština Vest Društvo Električna strela Prva domaća E-Formula

DRUŠTVO |

Električna strela – Prva domaća E-formula

Danas Online
25.03.2019 23:44

Komentari f t i s



24 Vesti .com

SRBIJA BALKAN SVET SPORT LIFE BIZNIS KUHI

Press F11 to exit full screen

Predstavljena prva srpska električna formula

16.12.2021



Prvi srpski Formula student tim "Drumska strela" predstavio je večeras na Mašinskom fakultetu

2024



fsra.stt.org.rs



@roadarrowteam



Road Arrow



DrumskaStrelaFS



TEAM COORDINATOR

Boško Bajić

bosko.bajic.fsra2022@gmail.com

+381 (0) 63 838 28 37

Students Technical Tournaments, Studentski trg 1, 11 000 Beograd;

www.fsra.stt.org.rs, formula.student@stt.org.rs;

Identification number: 28032463, Tax ID: 106916946,

Account numbers: RSD 160-399026-75; foreign exchange: 00-540-0000652.4