

ŠKODA MOTORSPORT PRESS RELEASE

Page 1 of 4



ŠKODA Motorsport supports development of fully electric rally car ŠKODA RE-X1 Kreisel

- › ŠKODA's works technicians partner with ŠKODA Austria, Kreisel Electric and Baumschlagler Rallye & Racing in innovative project
- › Lithium-ion batteries powered concept car ŠKODA RE-X1 Kreisel based on ŠKODA FABIA Rally2 evo, the worldwide most successful car of its category
- › ŠKODA Motorsport develops and provides bespoke chassis for electric power unit delivering 260 kW of power and 600 Nm of torque
- › After successful homologation by the Austrian Motorsport Federation AMF (ÖAMTC), the fully electric car is ready to compete regularly in Austrian Rally Championship
- › Michal Hrabánek, Head of ŠKODA Motorsport says: "The concept car ŠKODA RE-X1 Kreisel is an exciting combination of traditional and future-orientated technology"

Mladá Boleslav, 1 July 2021 – ŠKODA Motorsport, ŠKODA Austria, battery technology solutions specialist Kreisel Electric and operational partner Baumschlagler Rallye & Racing have teamed up to develop a fully electric rally car – the ŠKODA RE-X1 Kreisel. Based on a ŠKODA FABIA Rally2 evo bodyshell and powered by an 860 volts system delivering 260 kW peak power, the concept car was homologated by the Austrian Motorsport Federation AMF (ÖAMTC). The debut in the Austrian Rally Championship is planned for July this year.

When Kreisel Electric, supplier of the mandatory hybrid technology of the generation 2022 World Rally Cars for the FIA World Rally Championship (WRC), looked for partners to develop a fully electric rally car, ŠKODA Motorsport saw an interesting opportunity. Building on its experience and competence with the worldwide most successful car of the Rally2 category, the Mladá Boleslav based manufacturer's motorsport department updated a ŠKODA FABIA Rally2 evo chassis to be fitted with Kreisel's electric powertrain. The resulting concept car ŠKODA RE-X1 Kreisel combines the best know-how from a builder of high-end rally cars with the innovative battery technology of Kreisel.

With more than 400 units sold and numerous rally victories and title wins worldwide under its belt, the rally version of the ŠKODA FABIA is the commercially and sportingly most successful car of its category. "The concept car ŠKODA RE-X1 Kreisel is an exciting combination of traditional and future-orientated technology. We provided our best experience, based on developing already three generations of the rally-going ŠKODA FABIA," comments Michal Hrabánek, Head of ŠKODA Motorsport. "The concept car offers all the setup possibilities of the latest generation ŠKODA FABIA Rally2 evo, but with a fully electric powertrain and I really believe rally fans will find such a combination truly interesting."

The Kreisel Electric engineered e-motor delivers a peak power of 260 kW and a maximum torque of 600 Nm compared to 214 kW and 425 Nm of the ŠKODA FABIA Rally2 evo's standard 1.6 liters turbo petrol engine. Except the mentioned drivetrain, the rest of the car is based on the well known ŠKODA FABIA Rally2 evo rally car with some modifications. To be more specific, suspension needed to be modified and to implement the battery into the car also a major modification of the bodyshell floor was necessary. The Kreisel high performance lithium-ion battery has a capacity of



ŠKODA
SIMPLY CLEVER

ŠKODA MOTORSPORT PRESS RELEASE

Page 2 of 4

52,5 kWh and provides an electrical tension of 860 Volts. For optimum performance, the battery block is mounted as low as possible in the chassis and liquid-cooled by Shell E-Fluids. "We are very excited about the cooperation with ŠKODA Motorsport," says Philipp Kreisel, the company's Managing Director. "Together we not only share the vision for the sustainable future of motorsports. We as well follow the same strategy of transferring technologies and engineering solutions from racing to road cars." Kreisel Electric from Rainbach/Austria has also developed a bespoke charging station called CHIMERO working with 200 kW to be used during rallies.

The first chassis built by ŠKODA Motorsport is in asphalt spec. But Baumschlager Rallye & Racing, the project's partner for the testing program and future competition activities, already started to put the ŠKODA RE-X1 Kreisel through its paces on gravel as well. The first outing during a round of the Austrian Rally Championship is scheduled for July this year. "As a long-time partner of ŠKODA Motorsport in Austrian rallying, we are excited to be part of the innovative project," comments Max Egger, CEO of ŠKODA Austria. "For us, it's a matter of heart to help rallying enter a new era. After the very successful launch of the fully electric road car ŠKODA ENYAQ iV this is the perfect next step on our way to e-mobility."

To be ready for future entries into FIA sanctioned rallies, ŠKODA Motorsport supported Kreisel Electric during the homologation process for the ŠKODA RE-X1 Kreisel's bodyshell. ŠKODA Motorsport will also provide further know-how and technical consultation during the ongoing development process run by its long-time customer Baumschlager Rallye & Racing. Additionally, the cooperation with ŠKODA Austria is part of the brand's extensive support for national markets.

Further information:

Zbyněk Straškraba, Communications Motorsport

P +420 605 293 168

zbynek.straskraba@skoda-auto.cz

<http://skoda-motorsport.com>

ŠKODA Motorsport:



Facebook



YouTube



Twitter

Video and media images:



Video: Concept car ŠKODA RE-X1 Kreisel

ŠKODA Motorsport partners with ŠKODA Austria, Kreisel Electric and Baumschlager Rallye & Racing to develop a fully electric rally car.

[Download](#)

Source: ŠKODA AUTO
Copyright Harald Illmer

ŠKODA MOTORSPORT PRESS RELEASE



Page 3 of 4



Concept car ŠKODA RE-X1 Kreisel

Based on a modified ŠKODA FABIA Rally2 evo bodyshell, the ŠKODA RE-X1 Kreisel features fully electric four-wheel drive with a peak power of 260 kW

[Download](#)

Source: ŠKODA AUTO
Copyright Harald Illmer



Concept car ŠKODA RE-X1 Kreisel

Officially homologated, the ŠKODA RE-X1 Kreisel is extensively tested on asphalt and gravel ahead of its competition debut at Austrian Rally Championship.

[Download](#)

Source: ŠKODA AUTO
Copyright Harald Illmer



Concept car ŠKODA RE-X1 Kreisel

The Kreisel high performance lithium-ion battery has a capacity of 52,5 kWh and provides an electrical tension of 860 Volts.

[Download](#)

Source: ŠKODA AUTO
Copyright Harald Illmer



ŠKODA
SIMPLY CLEVER

ŠKODA MOTORSPORT PRESS RELEASE

Page 4 of 4

ŠKODA Motorsport Overview

ŠKODA has been successful in motorsports since 1901. Be it on the circuit or in rallies, ŠKODA has celebrated victories and won titles all around the world. Historical highlights include victory in the European Touring Car Championship 1981 as well as multiple titles in the FIA World Rally Championship's WRC2 category. Over the years, ŠKODA customer teams also won numerous national championships as well as titles in the FIA European Rally Championship (ERC), the Intercontinental Rally Challenge (IRC), the FIA African Rally Championship (ARC), the FIA North American and Central American Rally Championship (NACAM), the FIA South American Rally Championship (CODASUR) and the FIA Asia-Pacific Rally Championship (APRC). ŠKODA teams have also triumphed in the world's oldest and most famous rally, taking several class victories in the legendary Rallye Monte-Carlo, which was first held in 1911.

In 2009, the ŠKODA FABIA SUPER 2000 took the rally scene by storm. The following seasons, the all-wheel-drive rally car with a 2.0 litres normally aspirated engine won 50 national and international titles worldwide. It then wrote the most successful chapter in ŠKODA's motorsport history – until its successor surpassed it. The ŠKODA FABIA R5, a production-based rally car with four-wheel drive and 1.6 litres turbo engine, was homologated in its original form by the International Automobile Federation FIA on 1 April 2015. Further developed to ŠKODA FABIA R5 evo (homologated on 1 April 2019), the high-tech car successfully continues the long tradition of ŠKODA Motorsport. Due to changes in regulations, the car was re-named ŠKODA FABIA Rally2 evo in 2020.

The success story of the ŠKODA FABIA R5 took off in 2016, when Esapekka Lappi (FIN) won the WRC2 drivers' title of the FIA World Rally Championship. The following year, Pontus Tidemand (SWE) won the WRC2 drivers' category, while ŠKODA Motorsport took the WRC2 manufacturers' title. In 2018, ŠKODA factory driver Jan Kopecký was crowned WRC 2 drivers' champion. 2019 was the most successful year in the history of ŠKODA Motorsport. Kalle Rovanperä and Jonne Halttunen (FIN/FIN) won the WRC2 Pro drivers' and co-drivers' title as well as substantially supporting ŠKODA Motorsport to win the WRC2 Pro manufacturers' title. In 2020 ŠKODA customer team Toksport WRT became Team Champion of the WRC2 category.

ŠKODA AUTO

- › is successfully steering through the new decade with the NEXT LEVEL – ŠKODA STRATEGY 2030.
- › aims to be one of the five best-selling brands in Europe by 2030 with an attractive line-up in the entry-level segments and additional e-models.
- › is emerging as the leading European brand in India, Russia and North Africa.
- › currently offers its customers ten passenger-car series: the FABIA, RAPID, SCALA, OCTAVIA and SUPERB as well as the KAMIQ, KAROQ, KODIAQ, ENYAQ iV and KUSHAQ.
- › delivered over one million vehicles to customers around the world in 2020.
- › has been a member of the Volkswagen Group for 30 years. The Volkswagen Group is one of the most successful vehicle manufacturers in the world.
- › independently manufactures and develops not only vehicles but also components such as engines and transmissions in association with the Group.
- › operates at three sites in the Czech Republic; manufactures in China, Russia, Slovakia and India primarily through Group partnerships, as well as in Ukraine with a local partner.
- › employs more than 43,000 people globally and is active in over 100 markets.