

## The Škoda Roadiaq: All-electric Student Car No. 9 has a true explorer's spirit

- › 29 students from the Škoda Vocational School have transformed a Škoda Enyaq into a battery-electric mobile-office camper
- › Sustainable multifunctional interior incorporates a number of 100% recycled textiles and features a new roof structure for even more space
- › Since the 2013/14 school year, exclusive one-off vehicles have demonstrated the high level of education and training at the Škoda Vocational School in Mladá Boleslav

**Mladá Boleslav, 27 June 2023 – Škoda Student Car meets Let's explore: the ninth spectacular one-off vehicle created as part of the Škoda Vocational School's traditional flagship project is the Škoda Roadiaq. With this multifunctional mobile-office camper, the 29 participating apprentices have perfectly captured the spirit of exploration the Škoda brand is all about. The Roadiaq is a sustainable, purely battery-electric all-wheel-drive vehicle that digital nomads can use for travel, work and leisure pursuits – enjoying independence even off the beaten track, wherever they want.**

Škoda's ninth Student Car contains everything a modern mobile office needs: a permanent internet connection, a 27-inch monitor and a docking station. Yet, in just a few easy steps the Škoda Roadiaq transforms from a workspace into a living environment complete with a bed and a small kitchen. While turning a standard Enyaq into the car of their dreams, the students from the Škoda Vocational School had excellent support. Their teachers and specialists from numerous Škoda departments as well as third-party camper van conversion specialists assisted them with their expertise throughout the entire process. The ninth Škoda Student Car since 2014 once again demonstrates the high level of education and training in Mladá Boleslav. The Škoda Vocational School is part of the Škoda Academy, which celebrated its tenth anniversary in April 2023.

**Maren Gräf, Škoda Auto Board Member for People & Culture, says:** “As a mobile-office camper, the Roadiaq allows you to work wherever you want. It is thus emblematic of the New Work approach we at Škoda are fully committed to – using flexibility as much as possible to find a balanced optimum for the needs of the team. Over the course of the project, it was particularly impressive to see the enthusiasm, pleasure and attention to detail with which the students at the Academy worked on the vehicle over a period of months – in keeping with the principle of ‘Excellence with joy’! Because our ninth Student Car shows in an impressive manner what people can achieve together if they dedicate themselves to such a project with passion.”

**Michael Oeljeklaus, Škoda Auto Board Member for Production and Logistics, says:** “The Student Car project is as unique as every single one of the resulting vehicles. The project proves: Škoda Auto is a company that cherishes talented young people and their ideas. We appreciate unconventional, clever approaches and find ways to make things happen. Moreover, our corporate culture is defined by attention to detail, strong collaboration and the ability to do things differently, yet in a highly purpose-driven way. The Student Car project gives our apprentices an opportunity to live and embody that spirit early on in their careers, while at the same time fostering their existing skills and helping them discover new ones.”

### **Perfect vehicle for contemporary explorers**

The 29 apprentices from the Škoda Vocational School started working on the Škoda Roadiaq in autumn 2022. Over the course of nine months, they spent over 2,000 working hours creating a multifunctional camping and mobile-office vehicle that digital nomads can use to work, travel, or simply relax. Enabling true independence, this car perfectly complements the adventurous spirit of contemporary explorers. For the first time ever, the Škoda Student Car is based on the purely battery-electric Škoda Enyaq SUV. With numerous exterior and interior modifications, the vehicle lends itself as much to working on the go as to camping and outdoor activities.

### **Comprehensive support from numerous departments**

During the development and production of the Roadiaq, the students once again received great support from numerous Škoda experts working in the Production, Design and Technical Development departments. For the first time, the IT Services department and the Sustainable Materials Development department were involved as well. Another pillar of support was provided by external specialists, such as Cargodesign and KPS Automobile for camper conversions, Autointerier Šindelář for interior fittings and Dual Borgstena for recycled textiles.

**Oliver Stefani, Head of Škoda Design, says:** “The Student Car project combines three of Škoda’s great strengths: its bold can-do attitude, hands-on approach and tremendous team spirit. At Škoda Design, we are very happy to be part of this project. It’s our aim to give these talented youngsters a comprehensive, tangible insight into our everyday work and get them excited about it. The ideas our students come up with fascinate me every year and I truly appreciate their valuable input and their extraordinary creativity.” During the apprentices’ visit to Škoda Design, Oliver Stefani and his team were particularly impressed by the designs of Agáta Fraňková, a painter in the second year of her apprenticeship, and offered her an additional internship in the Design department. This was the first such internship there since the inception of the Student Car project.

**Extensive adaptations outside and inside**

To transform the Enyaq into a camper van, the apprentices significantly adapted its body. In addition to a new roof structure, they developed a new tailgate that allows a tent to be attached. The Roadiaq is fitted with 21-inch Supernova alloy wheels from the Enyaq range and has a two-tone Emerald Green and Moon White paint finish. Inside, the textiles used for the seat covers, door trims and instrument panel are made from 100% recycled materials. The furniture for camping, sleeping and remote work in the rear of the vehicle was custom-made after expert consultation, with design input from the students.

**All-wheel drive with two electric motors**

The Škoda Roadiaq comes with all-wheel drive, enabling it to explore places off the beaten track. The powertrain with two electric motors is shared with the Enyaq 80x Sportline. A synchronous electric motor mounted on the rear axle, delivering an output of 150 kW and a maximum torque of 310 Nm, drives the rear wheels. The asynchronous electric motor on the front axle delivers another 80 kW and a maximum torque of 162 Nm to the front wheels. The lithium-ion high-voltage battery has an energy capacity of 82 kWh (77 kWh net) and enables a range of up to 495 kilometres on the WLTP cycle.

**New roof design and new tailgate for plenty of space**

The base vehicle's length of 4,649 millimetres and width of 1,879 millimetres have remained unchanged. The wheelbase has grown minimally, to 2,770 millimetres, and the ground clearance to 190 millimetres. At 2,050 millimetres the Roadiaq is more than 35 centimetres taller than the standard version, mainly due to the new roof section. A part of the original roof had to be removed in order to provide significantly more headroom. Thus digital nomads can enjoy even more space for working and relaxing. The tent attachment provides shelter in bad weather and enables more comfortable use of the kitchen installed in the rear of the vehicle. The reworked rear left door, with its handle removed, offers more privacy in the sleeping area thanks to its window featuring the original Simply Clever sun blind. Furthermore, solar cells help generate energy for the living compartment and in this way maintain the vehicle's range while off grid. The Roadiaq can also be connected to an external power supply at campsites or motorhome parks.

**Multifunctional interior with fabrics made from sustainable materials**

Extensive modifications to the entire interior behind the front seats have created a space that can be used for work and also converts to a one-person bedroom in a few simple steps. The interior mirrors the Roadiaq's exterior colours and uses fabrics made from 100% recycled materials. The complete upholstery for the seats, door trims, instrument panel and roof pillars was produced in collaboration with the external upholstery experts from Autointerier Šindelář, a company that has cooperated with the Student Car project for many years. The fabrics made from recycled textiles come from the specialists at Dual Borgstena, who already work with Škoda Auto on series production projects. The mono-material

concept ensures complete recyclability of the fabric at the end of the vehicle's lifecycle. Cushion covers and a blanket were made using a special 3D knit technology, a waste-free process that again uses recycled material for the covers.

### **Support from camper van conversion experts**

The project traditionally benefits from close cooperation between specialists from all Škoda Auto departments. Yet, when fitting the vehicle with the custom-made roof structure and furniture, the apprentices also called upon external experts for help. The companies Cargodesign and KPS Automobile were brought in to advise the students and actively assisted with the construction of both exterior and interior fittings. In addition to the camping and office equipment in the rear of the vehicle, the apprentices also created a passenger-seat workstation. A special arm offers the passenger a place to attach their tablet. The interior is rounded off by numerous equipment features and accessories for entertainment and relaxation, some of which are already part of Škoda's range. They include a wireless speaker, a solar-powered shower, an espresso machine with a 12 V connection, kitchen appliances, chairs, tables, plates, pots and pans, cups and glasses, USB and charging cables, carpets and trims as well as torches and a survival kit for the adventurous travellers.

### **Innovative technology highlights: power supply, solar cells and a 27-inch monitor**

The apprentices have also equipped the Škoda Roadiaq with some innovative technology highlights. Working closely with Škoda's IT department, they ensured it has everything it needs to function as a mobile office for today's digital nomads. In addition to the permanent internet connection, this includes a built-in 27-inch monitor with integrated docking station and camera as well as a wireless keyboard, mouse and speaker in the vehicle's living and office area. To this end, the apprentices also adapted the entire electrical system and created additional light sources and sockets.

### **Looking back: eight Student Cars in Mladá Boleslav and the first in Pune**

Prior to this year's effort, apprentices at the Škoda Vocational School planned, developed and built eight Student Cars. It all began with the open-top Citijet based on the Škoda Citigo in 2014. This was followed by the original and playful Funstar pickup based on the Škoda Fabia and the Atero, an emotional coupé version of the Rapid Spaceback. In 2017, the Element, the first electric Student Car, preceded the later production model Citigo<sup>e</sup> iV by two years. In 2018, the cool Sunroq SUV convertible was created based on the Škoda Karoq, while the spectacular Mountiaq pickup concept was derived from the large Škoda Kodiaq SUV. In 2020, the exciting Slavia Spider based on the Škoda Scala recalled the company's founding 125 years earlier with its model designation. In 2022, the apprentices returned from a forced COVID break with the Afriq – a Kamiq city SUV turned into a 4x4 rally car, marking the project's first collaboration with Škoda Motorsport. Inspired by the tradition in Mladá Boleslav, 2023 also saw the first Škoda Student Car created in India. In May, apprentices on the 3.5-year Mechatronics course at the academy operated by Škoda Auto

Volkswagen India Private Limited (SAVWIPL) in Pune presented their personal dream car: a four-door convertible version of the Škoda Rapid sedan.

### **A tradition of first-class education at the Škoda Vocational School**

The Vocational School is part of the Škoda Academy, which celebrated its tenth anniversary in April of this year. However, the highly regarded Škoda Vocational School is steeped in nearly 100 years of tradition. Škoda founded this training school at its headquarters in Mladá Boleslav back in 1927, and it has been a private Škoda Auto facility since 1991. Having started with 58 students in its first year, it has seen more than 24,000 graduates pass through its doors to date. By the 2022/23 school year, enrolment had grown to around 820 students. The Škoda Vocational School offers three-year and four-year training courses: the three-year courses end with a final examination and a Certificate of Apprenticeship, the four-year courses with a high-school diploma. Many graduates then continue their education in post-secondary studies or at university, or they join Škoda Auto directly. The company offers every graduate employment.

### **15 training courses on offer**

A total of 15 technical training courses are currently available, 12 in the form of full-time studies and 3 in the form of follow-up daily studies. The main focus is on mechanical and electrical engineering, with a special emphasis on future-oriented technologies. At present, the most popular courses are those leading to qualification as an e-Car Mechanic or IT Mechatronic. The curriculum is constantly updated in cooperation with various departments to optimally meet the needs of the apprentices and the company. A case in point is the new Car Electrician – e-Car Mechanic course added for the 2021/2022 school year.

### **Investment in the Škoda Academy**

With the support of the KOVO trade union, the company has invested more than 440 million Czech crowns (around 18.5 million euros) in modernising training and technical equipment at the Škoda Academy since 2013. The next phase of rebuilds has already started, including the workshops where the Student Cars take shape. “Current developments in the automotive industry and especially the topic of electromobility offer great possibilities. In order to fully exploit these, we provide our young talents with state-of-the-art facilities from the very start of their careers. We are currently extensively refurbishing the teaching areas and workshops that our pupils and company’s employees will use in the coming years. The upgraded facilities will be a great asset for the future competences of our workforce and therefore, of course, an excellent base for upcoming Student Car projects,” **says Martin Slabihoudek, the Head of the Škoda Vocational School.**

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- > is emerging as the leading European brand in important growth markets such as India or North Africa.
- > currently offers its customers twelve passenger-car series: the Fabia, Rapid, Scala, Octavia and Superb as well as the Kamiq, Karoq, Kodiaq, Enyaq, Enyaq Coupé, Slavia and Kushaq.
- > delivered over 731,000 vehicles to customers around the world in 2022.
- > 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 MEB battery systems, engines and transmissions in association with the Group.
- > operates at three sites in the Czech Republic; has additional production capacity in China, Slovakia and India primarily through Group partnerships, as well as in Ukraine with a local partner.
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