

The electric future is now: Webasto in the new Lotus Eletre

Webasto delivers intelligent and efficient automated driving and electromobility solutions for Lotus' all-electric SUV.

Stockdorf – May 24, 2022 – A textbook example of successful transformation on four wheels: Webasto and the Lotus sports car brand are ushering in a new era of electromobility and automated driving. The new, all-electric Lotus Eletre is packed with systems expertise from the German Top 100 automotive supplier.

The Roof Sensor Module

The so-called “Hyper” SUV is equipped with the world’s first retractable roof sensor module. Alongside the Lidar sensor, the system of Webasto also integrates sensor availability technologies into the roof in a visually appealing manner. The cleaning system and the movement and drive mechanism, among others, ensure best possible system availability under a range of different conditions. This is where the core mechatronics design and systems integration competencies of Webasto come to the forefront. The module was developed in collaboration between the German and Chinese Webasto sites Stockdorf, Hengersberg, Augsburg, Gilching, Shanghai and Wuhan.

Wallbox and mobile charging cable

The charging solutions manufactured by Webasto for Lotus meet all global requirements. The intelligent wallbox has a charging capacity of up to 22 kilowatts (kW). The mobile charging cables can be easily connected to any household or industrial socket for simple and uncomplicated charging at home or on the road.

The 800-volt high-voltage heater 100

The 800-volt coolant heater installed in the all-electric SUV is the world’s first to enter series production. With an efficiency greater than 95 percent, this high-voltage heater from Webasto is really impressive. Offering an output of 10 kW, this heater is the most powerful passenger car unit on the market.

“Our solutions in the new Lotus Eletre are proof of our successful transformation: from a classic automotive supplier making roofs and parking heaters to a partner fully engaged in using its mechatronics and electric vehicle competences to actively shape the future of mobility in its entire spectrum” says Freddy Geeraerds, Member of the Management Board of Webasto SE and globally responsible for the roof business.

About Webasto:

The Webasto Group is a global innovative systems partner to the mobility industry and one of the 100 largest suppliers to the automotive sector worldwide. The company's offering includes in-house developed roof, heating and cooling systems for various types of vehicles, batteries and charging solutions for hybrid and electric vehicles, and additional services related to thermal management and electromobility. Among the customers of Webasto are manufacturers of passenger cars, commercial vehicles and boats, as well as dealers and end customers. In 2021, the Group generated sales of 3.7 billion euros and employed around 15,700 people at over 50 locations. The headquarters of the company, which was founded in 1901, is located in Stockdorf near Munich (Germany).

For more information, go to www.webasto-group.com

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