



PRESS RELEASE

10 Solaris hydrogen buses to go to Upper Bavaria

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A total of 10 hydrogen-powered buses will be delivered to two clients in the Upper Bavaria region next year. 5 Urbino 12 hydrogen buses have been ordered by the carrier Busreisen Ettenhuber GmbH, and another 5 units will head to the bus company Martin Geldhauser GmbH & Co. KG.

Two private bus companies from Bavaria, Busreisen Ettenhuber GmbH and Martin Geldhauser GmbH & Co KG., have ordered a total of 10 Urbino 12 hydrogen buses. These state-of-the-art vehicles will enhance the emission-free public transport in the region of Glonn and Hofolding in Upper Bavaria. The deliveries are slated to be completed by March 2023.

„Our long-standing relations with private carriers Busreisen Ettenhuber GmbH and Martin Geldhauser GmbH & Co. are an excellent example of long-term, continuously developing collaboration. Now, we are progressing to the next level of this partnership, one related to the transition to hydrogen technology, i. e. the most modern technology available. I am very glad that 10 of our Urbino 12 hydrogen buses will bolster public transport in these Bavarian regions“, said Petros Spinaris, member of the Management Board of Solaris for Sales, Marketing and After Sales.

The bus companies have ordered 5 hydrogen buses each. The vehicles will feature similar technical parameters. Their drive unit will consist of an axle with integrated electric motors. A set of 70 kW cutting-edge fuel cells will be installed in each bus. The hydrogen will be stored in five tanks with a total volume of 1560 litres, boasting the best safeguards available on the market. Owing to the advanced technology used in them, the buses will be capable of covering at least 350 km on a single refill. These hydrogen-powered Solaris buses will also feature a relatively small Solaris High Power traction battery, whose role is to support the fuel cell at moments of increased demand for electricity.

The buses will carry up to 34 seated passengers each. Also noteworthy is the fact that the hydrogen vehicles destined for Upper Bavaria will be equipped with the MobilEye Shield+ system, which helps to monitor the vehicle's blind spot. If a pedestrian or a cyclist is detected in the blind spot, the system will warn the driver about it using both audible and light signals. The MobilEye Shield+ will also support the driver with its additional functionalities, such as traffic sign recognition, lane departure warning alerts and a passive braking assistant. Along with the buses, the carriers will also receive a remote diagnostics system called eSConnect, developed by Solaris. It will allow them to optimise the fleet's operation by increasing its availability and the limiting downtime of the buses, as well as by preventing any unnecessary drives back to the bus depot.

The partnership between Solaris and each of the operators dates back to 2004. Since then, the manufacturer has delivered 112 buses to Ettenhuber and 55 buses to Geldhauser. The companies are now opening up a new chapter related to the deployment of hydrogen technology. Interest in this emission-free drive solution has been steadily increasing in Europe. The latest orders for hydrogen buses landed by Solaris include a delivery of 5 hydrogen buses to Palma de Mallorca, 5 hydrogen units for Austrian operator ÖBB Postbus, and up to 20 hydrogen buses to the Czech city of Ústí nad Labem.

Additional information

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About our company

Solaris Bus & Coach sp. z o.o. is one of the leading European bus and trolleybus manufacturers. Benefiting from 25 years of experience and having manufactured over 20,000 vehicles, Solaris affects the quality of city transport in hundreds of cities across Europe every day. Thinking of the future, the firm is setting new standards by dynamically developing its products, in particular in the electromobility sector. Solaris electric buses, trolleybuses and hydrogen buses are cutting-edge solutions for zero emission public transport. Solaris products have been repeatedly awarded for quality and innovation. The Solaris Urbino 12 electric won the prestigious European "Bus of the Year 2017" competition. In September 2018 Solaris Bus & Coach sp. z o.o. joined CAF Group.