



PRESS RELEASE

Frankfurt opts for hydrogen-powered Solaris buses for the third time – this time in articulated version

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In-der-City-Bus GmbH (ICB), the public transport operator in Frankfurt am Main, has placed an order for 9 Solaris Urbino 18 hydrogen buses. There are already 23 hydrogen-powered Solaris buses running in the metropolis, supplied in 2022 and 2024. Deliveries of the articulated buses from the latest order are scheduled for July 2025.

Solaris hydrogen buses, equipped with modern hydrogen fuel cells enabling completely emission-free driving, continue to dominate the European market. The municipal transport company In-der-City-Bus GmbH (ICB) operates three bus bundles in Frankfurt am Main, one of Germany's largest cities. The carrier aims for a fully electrified bus fleet by the early 2030s, which is in line with the climate protection goals set by Frankfurt am Main. The carrier's fleet already includes 5 battery-powered Urbino 12 electric vehicles and 23 Urbino 12 hydrogen vehicles. The articulated hydrogen-powered buses will join them next year.

The vehicles will be powered by a 100 kW fuel cell. Additional batteries will be installed in each of the ordered buses, serving as auxiliary power. The hydrogen necessary to power the buses will be stored in gaseous form in roof-mounted composite tanks, meeting the highest safety standards.

Like the previous vehicles for ICB, the newly ordered models will also be equipped with features such as air conditioning with a heat pump heating function, as well as the manufacturer's proprietary software for remote fleet management eSConnect. The buses' equipment will include a full range of systems compliant with the latest GSR2 regulations, encompassing blind spot monitoring systems, speed limit detection systems, driver fatigue detection systems, and tire pressure monitoring systems.

Solaris' market share in the European hydrogen segment reached 44.5% in 2023. The company has been building its expertise in hydrogen technology for almost a decade and has delivered 200 Solaris hydrogen buses to 24 cities in Europe so far. Furthermore, Solaris has registered additional orders for 600 hydrogen-powered vehicles, to be delivered between 2024 and 2026.

Additional information

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About our company

Solaris Bus & Coach sp. z o.o. is a leading producer of city and intercity buses in Europe. It focuses on the development of low-emission and zero-emission vehicles, i. e. electric and hydrogen buses as well as trolleybuses. Over 25,000 Solaris vehicles have been delivered so far and they ply the streets in 850 towns and cities across 33 countries located throughout Europe as well as beyond it. Solaris is part of the Spanish CAF Group (Construcciones y Auxiliar de Ferrocarriles) S.A. From conception, to the design and manufacturing phases, all Solaris buses are produced in Poland. All activities undertaken by the company are in line with its mission, which is reflected in the brand's promise: to change the image

of public transport. Solaris also actively partners with public transport operators and provides them with comprehensive support in their transition to zero-emission mobility. Solaris products have been repeatedly awarded for quality and innovation. The Urbino 18 hydrogen bus has won the prestigious 'Bus of the Year 2025' title.