



## PRESS RELEASE

### Tailor-made Solaris buses for Karlsruhe

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**In Karlsruhe, like nowhere else, every centimeter counts. Four Solaris Urbino 10.9 LE recently delivered to this German city absolutely deserve to be called special. The height of each vehicle has been reduced to only 2720 mm. Despite being the lowest buses Solaris has manufactured so far, the Urbinos meet the highest standards and are equipped with state-of-the-art technology.**

The special construction for Karlsruhe City Transport was necessitated by a viaduct which connects Beiertheim and Bulach districts. Its low height makes it impossible for traditional buses to run there. In line with the customer's requirements, Solaris engineers have redesigned the Urbino 10.9 LE and changed its height especially for the operator in Karlsruhe. The height has been significantly reduced to a mere 2,720 mm, which is 330 mm less than in the standard city bus.

Although the Urbino's height has been adjusted to the city's infrastructure, the bus's interior standing height has been raised to 2,290 mm which is 45 mm more than normally. This has been achieved through the relocation of most parts of the air-conditioning unit from the roof to the back of the bus, where they take the place of the rear window. Designed and built by Solaris, the air-conditioning system provides cooling of the passenger's compartment and also to the drivers' cab. This technical innovation was based on Spheros components.

The Solaris Urbino 10.9 LE for Karlsruhe City Transport are powered with Cummins ISB6.7E6 280B 6.7-litre engines delivering 277 PS. A number of security systems support the driver in his or her daily work, including ABS, ASR (Advanced Vehicle Control Systems), EBS (Electronic Braking System) and ESC (Electronic Stability Control).

Another four unique and tailor-made Urbino 10.9 LE will go to the customer in December 2015.

#### About Solaris Bus & Coach

*Solaris Bus & Coach is a major European producer of city, intercity and special-purpose buses as well as low-floor trams. Since the start of production in 1996, over 12 000 vehicles have already left the factory in Bolechowo near Poznań. They are running in 29 countries. Despite its young age, Solaris has become one of the trendsetting companies in its industry. For many years it has been the indisputable leader among the suppliers of city buses in Poland as well as one of the largest suppliers of city buses in Germany.*

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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.