



PRESS RELEASE

Ecological Solaris buses for Ostrava

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Solaris Bus & Coach S.A. has secured yet another significant order for environmentally friendly, CNG-fuelled articulated buses. Pursuant to the contract signed between the manufacturer and public transport operator Dopravní podnik Ostrava a.s., the Czech city of Ostrava will receive 37 state-of-the-art Solaris Urbino 18 CNG buses.

In line with the terms of the contract signed at the beginning of January, the 37 ecological articulated Solaris Urbino 18 CNG buses shall be supplied within 12 months. The total value of the contract, covering also a five-year warranty period for the commissioned vehicles, settled at 13 million euro. The revamped and environmentally friendly bus fleet will help the carrier contribute markedly to the improvement of the life quality of Ostrava's residents.

The heart of the new vehicles will be a 239 kW engine able of using compressed natural gas (CNG) as fuel. The engine will support the feature of cold start, meaning it facilitates ignition at very low external temperatures. The driveline will be supplemented by an automatic transmission ensuring optimal travel comfort for drivers and passengers. 5 tanks containing the compressed natural gas (CNG) used for propulsion will be placed on the vehicle roof. Their total capacity will amount to 1875 litres.

The modern buses commissioned by the Czech carrier will be able to carry 110 passengers at a time at the least. In spite of designating two spaces for wheelchairs and prams or pushchairs, the Polish manufacturer has also managed to provide 42 seats, of which 17 are accessible from the low floor, in the supplied vehicles. For an efficient exchange of passengers at bus stops, it was decided that a door layout consisting of four double-leaf doors (2+2+2+2) would be applied. The environmentally friendly buses from Bolechowo will also feature a high equipment standard. The comfort of passengers will be ensured among others by a full-vehicle air conditioning system, dual USB ports installed in the passenger compartment thanks to which the passengers will be able to recharge their mobile devices, and a Wi-Fi Internet. The vehicles will also receive a comprehensive passenger information system with bus stop voice announcement, which allows travelers to identify the correct stop.

Upon request of the commissioning party, the Polish manufacturer will also apply a range of solutions that will enhance the safety of people on board of the bus. Notably, the buses will also feature a fire detection and extinguishing system installed in the engine compartment, a closed-type driver cabin and a video surveillance system with cameras monitoring the door areas, six cameras turned towards the passenger compartment, as well as front and rear-view cameras. A huge facilitation in the daily operation of the articulated Solaris Urbino 18 CNG buses will be also the possibility of remotely opening the first doors by using a remote control.

The residents of Ostrava are well acquainted with vehicles of the Polish producer. Once the latest order is completed, the Czech city will have nearly 400 of these. A large majority of them is made up by ecological buses running on compressed natural gas (CNG) and zero-emission trolleybuses. What is more, it was on the order of the municipal operator Dopravní podnik Ostrava a.s that Solaris completed its biggest contract to-date for CNG-fuelled vehicles, by supplying 90 12-meter and 15 articulated buses to Ostrava in 2015.

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.