

PRESS RELEASE

Up to 123 Prague Škoda 15T trams to receive Enika air-conditioning systems

Enika Sp. z o.o. has been awarded a public tender to supply air-conditioning units for 123 Škoda 15T ForCity trams operated in Prague. The framework agreement has been concluded for a period of six years and is valued at nearly PLN 70 million (approximately EUR 16.2 million, net). For the company, which will celebrate its 35th anniversary next year, the contract represents one of the largest export orders in its history.

The Škoda 15T ForCity trams were delivered to Prague between 2010 and 2019 in two production batches. At the time of their introduction, they represented a breakthrough in low-floor tram design, offering a 100% low-floor interior without any internal steps while employing a unique bogie concept that delivers running characteristics comparable to those of conventional pivoting bogies. This design significantly reduces track wear, particularly on the tight-radius curves that characterize the Czech capital's historic city center.

In total, Prague took delivery of 250 vehicles of this type (fleet numbers 9201–9250), with the newer half of the fleet equipped with air conditioning during production. For the remaining 125 trams, retrofitting air conditioning had been the subject of lengthy discussions for many years. Only two vehicles, fleet numbers 9243 and 9285, received pilot installations in 2012 and 2019.

In October 2025, the operator, *Dopravní podnik hl. m. Prahy*, launched a tender for the supply of air-conditioning units for the remaining 123 vehicles. Three bidders participated in the tender. The contract was awarded to Enika, a company best known for supplying traction systems, static converters, and charging infrastructure for public transport vehicles. Since 2016, Enika has also developed its own range of tram air-conditioning systems, which in various configurations have been delivered to operators in Kraków, Łódź, Wrocław, and Gdańsk.

The air-conditioning units for Prague's Škoda 15T fleet are being developed specifically for this project. Their design is based on Enika's iGlacio product family, while the Prague version will carry the designation iGlacio 17AC/6AC. As the name indicates, each unit will provide 17 kW of cooling capacity and 6 kW of heating capacity. In addition to cooling and ventilation, the contracting authority required the units to serve as a supplementary heat source during colder weather.

The project also required the units to comply with strict dimensional constraints, roof mounting arrangements, and other vehicle-specific installation requirements. Each air-conditioning unit will incorporate its own integrated auxiliary converter, connected directly to the tram's traction network voltage. Every tram will receive three air-

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conditioning units – one for each section of the 31.4-meter-long articulated vehicle. Under the framework agreement, Enika may therefore manufacture up to 369 iGlacio air-conditioning units for Prague.

The project will be carried out in cooperation with MPK Łódź Sp. z o.o., which will provide workshop facilities as well as specialist personnel responsible for modifications to the vehicles' distinctive sandwich roof structure. Once the retrofit program begins, approximately one Prague tram will be transported from Prague to Łódź every two weeks, while another vehicle will return to Prague following completion of the modernization work.

"Prague is undoubtedly one of the world's most beautiful cities. At the same time, it boasts one of the highest public transport modal shares in Europe, with nearly half of all daily journeys made by public transport. We are therefore delighted to contribute to a significant improvement in travel comfort for both Prague residents and visitors through the supply of our auxiliary converters and air-conditioning systems," said Bartosz Szyller, President of the Management Board of Enika.

"This project for our counterparts at Prague's public transport operator allows us to apply our extensive expertise in tram maintenance and modernization. The Škoda 15T features, among other things, a distinctive sandwich roof structure that is uncommon in tram design. The project will enable us to fully utilize the specialist knowledge and experience of our engineering team," said Dariusz Domański, Head of the Technical Department at MPK Łódź.



Editorial images

Prague Castle with its Gothic cathedral and a first-production-series Škoda 15T tram. Up to 123 trams may be retrofitted with Enika-manufactured air-conditioning units. (Photo: Łukasz Papitowski)

(2x) Škoda 15T tram from the first production batch in Prague. Up to 123 trams may be retrofitted with Enika-manufactured air-conditioning units. (Photo: Janusz Okularczyk)

3D model of the iGlacio 17AC/6AC air-conditioning unit with integrated auxiliary converter for Prague. The unit dimensions will be precisely adapted to the available installation space on the vehicles. Each tram will be equipped with three units. (Source: Enika)

About ENIKA

Founded in Łódź in 1992, ENIKA has supplied electric traction systems for more than 600 new-build and modernized trams. The company also provides equipment for battery-electric buses, trolleybuses, hydrogen buses, and railway vehicles, while manufacturing charging infrastructure for public transport operators. Since the beginning of 2024, ENIKA has been part of the MEDHA Group, one of the world's leading suppliers of advanced systems for rolling stock and electromobility.

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