

Media release

DOCUMENT 5 pages
ENCLOSURES Images, documents

Berlin, 23 September 2024

Shaping the future together.

Stadler and Austrian Federal Railways are working in close cooperation to modernise the ÖBB regional and local transport fleet in the greater Vienna area.

The modernisation of local rail transport is rapidly gathering pace, and the cooperation between Austrian Federal Railways and Stadler is intensifying day by day. ÖBB Personenverkehr AG has already placed call-off orders for 126 vehicles as part of the current framework agreement for the delivery of up to 186 electric double-decker multiple units. 109 of these trains will be deployed as new Cityjets on Vienna's regional and suburban railway lines from 2026, 14 as Railjets and 3 as City Airport Trains. The remaining vehicles will then be put into operation month by month. The common goal of ÖBB and Stadler is to establish a future-proof, environmentally friendly local rail transport system in the conurbation of the Austrian capital that will offer a convenient service for passengers. The Cityjets will provide additional capacity, allow shorter journey times, run on a tighter timetable and enable better utilisation of the rail network.

Centre of expertise for double-decker multiple units

The Cityjets will be manufactured at the St. Margrethen site, Stadler's new centre of expertise for double-decker multiple units which opened in 2020. The site is located in the border triangle area between Switzerland, Austria and Germany and employs around 1,300 skilled workers, many of them from Austria. Stadler is accommodating the customer even further by setting up an engineering hub in Vienna, where ÖBB's corporate headquarters are situated.

Technology for the mobility of tomorrow

ÖBB's Cityjets are electric double-decker multiple units in four- and six-car compositions. They are around 107 and 160 metres long, with a seating capacity of 371 passengers for the shorter version and 591 passengers for the longer version (including 53/73 foldable seats).

The Cityjets are powered by an efficient AC traction system with a double power converter per motor bogie, which recovers the vehicle's electrical energy during braking and feeds it back into the grid. The continuous output at the wheel is 4,000 kW at a top speed of 160 km/h. The engines are fitted with an independent cooling system that draws its cooling air from the clean environment above the vehicle roof.

The bogies on the Cityjets are equipped with powerful dampers and a soft, air-based secondary suspension system. This ensures a very smooth and stable ride, even at high speeds. By reducing pressure surges when entering and exiting tunnels or passing other trains, soundproofed, pressurised car bodies ensure modern travel comfort, making it easier for passengers to work during the journey, for instance. The torsion-resistant car bodies are made of welded, low-weight extruded aluminium profiles.

Travellers using ÖBB Cityjets also have the guarantee that the double-decker multiple units meet Europe's highest quality standards and strictest norms in rail transport, including the following:

- Crash/collision safety (optimised front end) in accordance with EN 15227
- Sound insulation in accordance with EN ISO 3381 and 3095
- Fire protection in accordance with EN 45545 and TSI SRT
- Accessibility according to TSI PRM*

* Accessibility of the rail system for persons with disabilities and persons with reduced mobility.

The ÖBB Cityjets are authorised for rail routes in Austria, Germany, the Czech Republic, Hungary and Slovakia.

New comfort for local rail transport

"In order to meet the increasing demand, we are modernising our local transport fleet and expanding our capacities in Vienna and Lower Austria by introducing new double-decker trains from 2026. This will make switching from car to rail even more attractive and comfortable, especially for commuters," says ÖBB CEO Andreas Matthä.

"We are proud to be able to supply the next generation of double-decker multiple units to Austria. A total of 630 KISS trains in various configurations have already been successfully put into operation in different countries. Thanks to its high level of innovation, the KISS model provides a significant solution for the environmentally friendly AND comfortable rail transport of tomorrow," says Peter Spuhler, Chairman of the Board of Directors of Stadler.

"Get in and relax" is the motto for travellers on ÖBB's new Cityjet. Mothers and fathers with pushchairs, schoolchildren with scooters or bicycles, elderly people with walking frames or

wheelchairs and travellers with large, bulky luggage can all expect a modern service and the same high-quality comfort in the double-decker multiple units built by Stadler.

Even the shortest commute is a stress-free experience on the Cityjet. Travellers are welcomed by accessible low-floor entrances and extra-wide (double) sliding doors. There are eight doors per vehicle side on the four-car trainsets and twelve on the six-car trainsets. There are no steps or gaps to hinder access (doors with bridging plates), and travellers can enter and exit quickly at stops and stations via spacious boarding and alighting areas (including a turning area for wheelchairs). Optimised multi-purpose areas next to the entrances offer secure storage space for stowing items such as luggage, pushchairs and bicycles. There is room for up to 30 bicycles in the four-car trains and 46 bicycles in the six-car trains, for example.

Travellers can then simply sit back, relax and enjoy the journey in the passenger compartments. LED lighting and HVAC systems ensure a pleasant atmosphere at any time of day or year. Passengers benefit from comfortable seats (extra-large seat spacing) fitted with ergonomic headrests and armrests. They also have plenty of freedom of movement between the rows of seats. Passengers who want to use laptops or charge their mobile phones will find power sockets in every row.

In addition, the Cityjet has its own WLAN, provides passengers with real-time travel data and other information from the ÖBB onboard portal Railnet Regio on large monitors, and ensures good mobile phone reception thanks to mobile phone-transparent insulating glass panels.

Travellers with reduced mobility can make use of two wheelchair spaces with height-adjustable side tables in an intermediate car in each train. There is also an accessible toilet with a baby changing table in the specially equipped PRM car (in accordance with PRM TSI). Continuous video monitoring enhances the sense of security.

Open doors at Innotrans

Innovative, aerodynamic and fast – the design of the Cityjet conveys the technical features of this extra comfortable train to the outside world and has become the trademark of all ÖBB local trains: red and white are the dominant car colours, while the crash-optimised, sloping front end underlines the dynamic nature of the design. The seats are also in a red-grey colour combination, whereas the doors and window strips are in black.

A prototype of the ÖBB Cityjet will be on show at Innotrans at the end of September. It will be presented on track T08/40 at 14:00 on 25 September 2024 – for the first time with open doors and a finished interior.

Stadler at InnoTrans 2024

24 to 27 September 2024

Messe Berlin

Hall 2.2, stand no. 230 + outdoor area

Stadler's best-selling KISS model

The ÖBB Cityjet is based on the technical concept of the Stadler KISS double-decker multiple unit, which is built for local and long-distance rail transport. The model is particularly impressive due to its great versatility and customisation options. The KISS can reach speeds of up to 160 or 200 km/h and can be combined into train compositions of up to eight units. Stadler has sold a total of 630 vehicles of various configurations to date. The electric double-decker multiple units are in use all over the world, from Western Europe to the Caspian Sea – they have also recently started operating in the USA.

About Stadler

Stadler has been building trains for over 80 years. The provider of mobility solutions in rail vehicle construction, service and signalling technology has its headquarters in Bussnang, eastern Switzerland. It has a workforce of over 14,500 based in various production and engineering locations as well as more than 80 service locations. The company is conscious of its social responsibility for sustainable mobility and therefore stands for innovative, sustainable and durable quality products. The product range in the field of mainline railways and city transport includes high-speed trains, intercity trains, regional and suburban trains, metros, tramways and trams. Stadler also manufactures main-line locomotives, shunting locomotives and passenger carriages. It is the world's leading manufacturer in the rack-and-pinion rail vehicle industry.

Follow Stadler on [LinkedIn](#), [YouTube](#), [Facebook](#) and [Xing](#).

Stadler Rail Group

Media contact

Tel.: +41 71 626 19 19

E-mail: medien@stadlerrail.com

www.stadlerrail.com