

Media release

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Berlin, 23 September 2024

FLIRT Akku: The future of climate-friendly local transport in the Palatinate network

The "Fast, Light, Innovative Regional Multiple Unit" - FLIRT for short - of which Stadler has sold more than 2,500 vehicles around the world to date, can be seen at InnoTrans as a battery-electric customer variant.

As the market leader in the field of alternative drive technologies, Stadler is presenting one of a total of 44 battery-electric multiple-unit trains of the FLIRT Akku type, which are intended for use by DB Regio, the local transport subsidiary of Deutsche Bahn, on the Palatinate network (Pfalznetz). This is already the second vehicle fleet of this type that the company with Swiss roots is developing and building at its Berlin site for operation in Germany. This innovative technology marks a significant step towards sustainable and environmentally friendly mobility in regional transport.

The FLIRT Akku, a two-car multiple-unit train, was specially designed for use on the south-west German Palatinate network and is to gradually replace the diesel trains currently in use. The aim is to make public transport in Rhineland-Palatinate more climate-friendly. In addition to reducing CO2 emissions in the region, the new vehicles also help to improve timetable stability due to their better acceleration capacity and provide greater ride comfort for passengers. The contracting authority is the Zweckverband ÖPNV Rheinland-Pfalz Süd, with the states of Baden-Württemberg and Saarland also involved.

On electrified sections of track, the FLIRT Akku runs like a classic electric railcar and charges its batteries in the process. On non-electrified sections, the train continues to run in battery mode - with a range of at least 80 kilometres. There is also an operational reserve. The maximum speed is 140 km/h and an air-sprung chassis ensures a very smooth ride.

With a length of 55.5 metres, it offers space for a total of 325 passengers, including 172 seats. The vehicles are fully air-conditioned, equipped with WLAN and have spacious multifunctional

compartments in each boarding area. In addition, a special lounge area behind one of the two driver's cabs offers a new kind of travelling experience.

*Presentation FLIRT Akku, Deutsche Bahn, Pfalznetz
Track T10/40, 26/09/2024, 11:00.*

About Stadler

Stadler has been building trains for over 80 years. The provider of mobility solutions in rail vehicle construction, service and signalling has its headquarters in Bussnang in eastern Switzerland. It has a workforce of around 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.

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