

Media release

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Stadler and HEAG mobile to present new TINA tram to the public for the first time in Berlin

Stadler unveils its entirely newly developed TINA tram in association with HEAG mobilo , which will operate in Darmstadt as the new series ST15. At InnoTrans in Berlin, industry representatives and trade fair visitors will be able to view the new model, and in particular its innovative and unusual interior concept.

Stadler has achieved a leading market position in light rail transport. This is partly due to the very successful marketing of its newly developed TINA model. Since the launch of the freshly designed tram in 2020, it has already won four tenders. In 2020, while the test phase was still underway, HEAG mobilo from Darmstadt ordered 14 TINA trams and Baselland Transport AG requested 25. HEAG mobilo then exercised an option for a further 11 vehicles just one year after the first order.

A third order followed in June 2022, this time from Rostocker Strassenbahn AG, for 28 TINA trams. The fourth order arrived this autumn: Hallesche Verkehrs AG (HAVAG) has now ordered 56 TINA trams.

Optimised passenger compartment

The tram for HEAG mobilo presented to the public for the first time at InnoTrans in Berlin offers space for 272 passengers, with seats for 101 of them, over a length of 43 metres. Despite its metre-gauge width, the five-car unidirectional vehicle has wide, comfortable aisles – fitted with small steps instead of gentle ramps at the request of HEAG mobilo. Large panoramic windows provide a clear view and, together with the high ceiling, create a feeling of spaciousness. The tram is fully equipped with modern HVAC systems that use the natural coolant CO₂. This means that they have the lowest possible ozone depletion potential as well as the lowest global warming potential. A driver assistance system with emergency brake intervention, blind spot cameras and traffic sign recognition also increases vehicle transport safety. In the TINA model for Darmstadt, the train crew can benefit from Stadler's newly developed UNIBOARD system, which summarises all information visually at a glance and allows intuitive operation.

Ann-Kristina Natus, Managing Director of HEAG mobilo, is looking forward to the new trams: "With TINA, which is our next generation of trams, we are setting new standards. It is close to our hearts to further improve our trams for all our passengers and our driving staff. The new trams will be the most modern in all of Germany!

With TINA, we offer more comfort, more accessibility and a better ride experience. It also makes a considerable contribution to climate conservation. We are grateful to have found exactly the right partner for such an innovation in Stadler!"

"We would like to thank HEAG mobilo GmbH for their trust in our innovative strength and in our latest addition to our tram family. We are very proud to have been able to place our new and highly innovative tram model in Darmstadt within a very short time. We are convinced that the new low-floor vehicles will meet the high standards of innovation demanded by passengers and by HEAG mobilo," says Dirk Schillings, Chief Technical Officer for Light Rail Vehicles at Stadler.

Continuous low floor

Great flexibility combined with a high degree of standardisation set the new TINA tram family apart. The name TINA stands for "Total Integrated Low-Floor Drive" in German. Its newly designed, patent-pending bogie can be used for a wide range of vehicle types and requirements. The TINA platform offers a solution for every tram concept – be it axle drive, independent wheels, rotating or non-rotating bogies, different track gauges or various vehicle widths. In addition to the completely continuous low floor, TINA is characterised in particular by its spaciousness, wide aisles, generous foot and leg room, panoramic windows, multifunctional panels and a new design specially adapted to the needs of passengers. The optimised passenger compartment allows unrestricted access to the seats from every vehicle door. At the customer's request – as with the TINA model for HEAG mobilo GmbH – small steps can be fitted instead of ramps. In terms of energy efficiency, the vehicle scores points for its optimised drive system, a low vehicle weight and the optional use of waste heat from the engine.

Presentation at InnoTrans

The TINA tram is one of seven Stadler vehicle highlights on display at InnoTrans and can be viewed in the outdoor area on track T09/50. The official presentation by Stadler and HEAG mobilo GmbH will take place at 11 a.m. on 21 September 2022. Pictures of the vehicle presentation can be found from around 12 a.m. under this [link](#). The data sheet for TINA as well as further media material from Stadler can be found [here](#).

About Stadler

Stadler has been building trains for over 80 years. The provider of rail vehicle construction solutions has its headquarters in Bussnang in eastern Switzerland. It has a workforce of over 13,000 based in various production and engineering locations as well as more than 70 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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About HEAG mobilo

HEAG mobilo is the leading mobility service provider in the Darmstadt-Dieburg region and the lead company in the transport group. Together with our subsidiaries HEAG mobiBus and STRADADI, we are committed to providing attractive and efficient local transport in the city of Darmstadt and the Darmstadt-Dieburg district. A total of over 850 qualified employees in the transport group stand for innovative technology and competent service.

HEAG mobilo will accompany the presentation of the new tram on its social media channels on [Facebook](#), [Twitter](#) and [Instagram](#) throughout the week.

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