



TINA ROSTOCK

Rostocker Strassenbahn AG (RSAG),
Rostock, Germany

In June 2022, Rostocker Strassenbahn AG, transport operator in Rostock, ordered 29 TINA low-floor light rail vehicles for Rostock's city.

The 3-car uni-directional vehicles are 32.25 metres long, 2.65 metres wide, fully air-conditioned, and can accommodate up to 216 passengers, with seats for 75 of them. The vehicles are barrier-free, with no steps and a spacious interior. Maximum ceiling height in the aisles, as well as panorama windows provide a sense of space and an unobstructed view, with four open multifunctional areas offering ample room for pushchairs or bicycles.

The vehicles have a passenger WLAN system to provide internet access, and passengers can also charge their mobile devices through the USB charging ports during the trip. Modern double TFT screens provide easy-to-read passenger information and like all RSAG vehicles, the new vehicles will have a video surveillance system and cashless ticket vending machines.

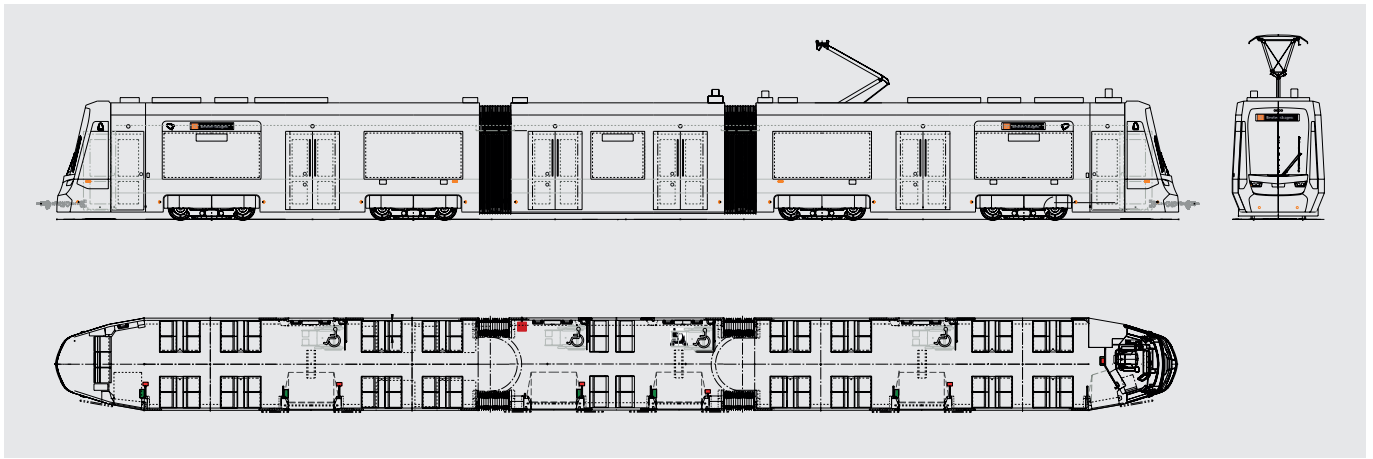
Four specially designed TINA bogies ensure smooth running and also reduce wear on the wheels and tracks. The individual driver assistance systems are a significant innovation and include a new type of collision protection system. This will increase the safety of tram operations.

Stadler Rail Group
Ernst-Stadler-Strasse 1
CH-9565 Bussnang
+41 71 626 21 20
stadler.rail@stadlerrail.com

Stadler Bussnang AG
Ernst-Stadler-Strasse 4
CH-9565 Bussnang
+41 71 626 20 20
stadler.rail@stadlerrail.com

stadlerrail.com

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Technical features

Technology

- Uni-directional light rail vehicle
- Innovative TINA bogies for maximum space in the interior and a high level of travel comfort
- Large wheel diameter

Comfort

- Completely barrier-free without steps or raised bases
- Generous legroom
- High ceilings
- Large panorama windows provide an unobstructed view and unique sense of space
- Excellent travel comfort due to innovative suspension system

Personnel

- The Stadler UNIBOARD® ensures maximum safety and comfort for the driving personnel due to integrated functions, automatic display adapted to the particular situation, simple and fast visual detection and intuitive operability
- Ergonomically designed workplace for an ideal view of the route

Reliability/Availability/Maintainability/Safety

- Innovative shimless wheel wear compensation in the primary suspension
- Redundant control and communication system
- Driver assistance systems, including collision protection system

Vehicle data

Customer	Rostocker Strassenbahn AG (RSAG)	
Track gauge	1435 mm	
Designation	TINA	
Supply voltage	750 V DC	
Number of vehicles	29	
Seats	75	
Standing capacity	145	
Floor heights	Low-floor	350 mm
	Entrance	290 mm
Entrance width	1300 mm	
Length	32 250 mm	
Vehicle width	2650 mm	
Vehicle height	3500 mm	
Bogie wheelbase	1800 mm	
Maximum speed	70 km/h	