



TINA HALLE

Hallesche Verkehrs-AG, (HAVAG)
Halle (Saale), Germany

Hallesche Verkehrs-AG, transport operator in Halle, has commissioned Stadler with the delivery of a total of 56 TINA low-floor light rail vehicles of the latest generation.

There will be 17 vehicles in the longer XL version and 39 in the shorter M version. Maximum ceiling height in the aisles, as well as panorama windows provide a sense of space and an unobstructed view, with the open multi-functional areas offering ample room for pushchairs and wheelchair users.

The specially designed TINA bogies ensure smooth running and also reduce wear on the wheels and tracks, while the energy-efficient and innovative drive concept of the TINA tram will improve the environmental friendliness of the local public transport system in Halle.

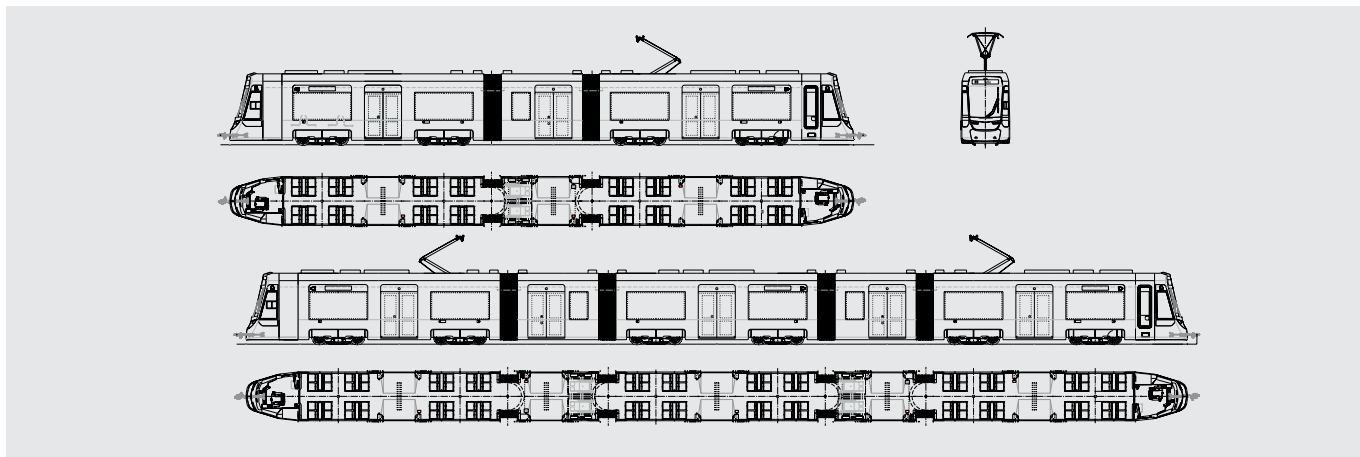
The individual driver assistance systems are a significant innovation and include a new type of collision protection system. This will increase the safety of tram operations. The digital UNIBOARD® display adapts to the particular situation, allowing driving personnel to focus on what is important, thus also increasing the level of safety. And the intuitive operability makes TINA a thoroughly enjoyable experience for the driver.

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Technical features

Technology

- Bi-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	Hallesche Verkehrs-AG (HAVAG)	
Track gauge	1000 mm	
Designation	TINA MGT-M, MGT-XL	
Supply voltage	600 and 750 V	
Number of vehicles	39 (M)/17 (XL)	
Commissioning	2025	
Seats	64 (M)/96 (XL)	
Standing capacity	103 (M)/173 (XL)	
Floor heights	Low-floor	350 mm
	Entrance	290 mm
Entrance width	1500 mm	
Length over coupler	30.4 m (M)/45.4 m (XL)	
Vehicle width	2300 mm	
Vehicle height	3600 mm	
Bogie wheelbase	1800 mm	
Maximum speed	70 km/h	