



TINA BASEL

Baselland Transport AG (BLT),
Basel, Switzerland

In November 2021, Baselland Transport AG signed a contract for the delivery of 25 TINA low-floor light rail vehicles, for combined urban and intercity services.

The 7-car uni-directional vehicles are 45.50 metres long, 2.3 metres wide, fully air-conditioned, and have 95 seats. The vehicles are low-floor and barrier-free from the first to last passenger door, and every seat has generous legroom. Maximum ceiling height in the aisles, as well as panorama windows provide a sense of space and an unobstructed view. An integrated passenger information system with modern double TFT screens provides easy-to-read information.

The specially designed TINA bogies ensure smooth running and reduce wear on the wheels and tracks. The wide bogies at the ends of the vehicle mean it is also able to cope with the 11.8 m narrow bend typical for Basel, and provide a high level of comfort for the driving personnel and passengers.

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. In addition, the vehicles have been designed to allow for later installation of sliding steps at all double doors.

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Technical features

Technology

- Ui-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
- Separate doors for driving personnel only
- 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	Baselland Transport AG (BLT)
Track gauge	1000 mm
Designation	TINA
Supply voltage	600 V
Number of vehicles	25
Seats	95
Tip-up seats	4
Standing capacity	157 (4 pers./m ²)
Floor heights	Low-floor 370 mm Entrance 320 mm
Entrance width	1300 mm
Length	45 500 mm
Vehicle width	2300 mm
Vehicle height	3520 mm
Bogie wheelbase	1800 mm
Maximum speed	80 km/h