



TRAMLINK LOW FLOOR LIGHT RAIL VEHICLE

Baselland Transport AG, Switzerland

In April 2019, Stadler received an order from Baselland Transport AG (BLT) for the delivery of 10 trams of the TRAMLINK type. The bi-directional vehicles will be used on the metre-gauge tram network of Basel and its surrounding area, providing an environmentally-friendly form of transport for local residents. Stadler has designed the state-of-the-art vehicles according to BLT's requirements. Particular attention has been paid to reducing energy consumption and to heightening the safety of passengers, driver and pedestrians.

The seven-section multi-articulated vehicles offer spacious, bright and barrier-free passenger compartments with wide gangways, continuous low floor and several multifunctional areas. The low entrance height and seven doors per side facilitate an optimal passenger flow and dwell time. Trams are 44.18 m long and 2.40 m wide with capacity for 265 passengers.

TRAMLINK is a modern, modular, multi-articulated, light rail vehicle with low flooring through. It features innovative real-axle bogies that allow for a quiet and comfortable ride and maximum seating capacity over the bogies, without the need for ramps or steps.

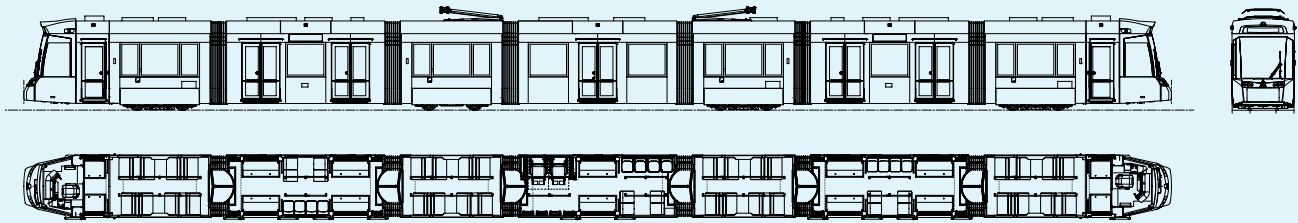
www.stadlerrail.com

Stadler Rail Group

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

Stadler Rail Valencia S.A.

Pol. Ind. Mediterráneo. Mitjera 6
E-46550 Albuixech (Valencia)
Phone +34 96 141 50 00
stadler.valencia@stadlerrail.com



Technical features

Technology

- Bidirectional vehicle
- Lightweight structure made of high-strength stainless steel (duplex)
- Innovative bogie concept with real axles that allows for a quiet and comfortable ride and maximum seating capacity
- Optimal use of the vehicle enveloping gauge

Comfort

- Barrier-free 100% low floor passenger compartment
- Bright, pleasant passenger area with scope for individual design
- Seven sliding doors per side for a fast flow of passengers
- Efficient HVAC system in passenger area
- Multifunctional areas including two wheelchairs places
- Advanced passenger information system

Personnel

- Ergonomically designed driver's cab
- Great visibility from driver's desk for city operation
- Modern, screen-based vehicle control system
- Air-conditioned driver's cabs
- Driver assistance system for dangerous situations

Reliability / Availability / Maintainability / Safety

- Advanced video surveillance system
- Full structure EN 12663 P-IV and crash EN 15227 C-IV and C-III s3 compliance
- Fire and smoke: EN 45545/DIN5510 compliance

Vehicle data

Customer	BLT
Region	Basel, Switzerland
First delivery	10
Delivery	2022
Track gauge	1,000 mm
Supply voltage	1,500 VDC
Seats (folding seat)	88 (+16)
Capacity (4pers/m²)	265
Entrance height	400 mm
Length over coupling	44,180 mm
Vehicle width	2,400 mm
Vehicle height	3,610 mm
Doors	Five double and two single doors per side
Wheel diameter	610 mm
Min. curve radius	20 m
Power traction motor	6x100 kW
Maximum speed	80 km/h