



TRAMLINK LOW FLOOR LIGHT RAIL VEHICLE

Aargau Verkehr AG, Switzerland

At the end of 2019, Aargau Verkehr AG (AVA) ordered eight multi-articulated 100 per cent low-floor light rail vehicles from Stadler's range of TRAMLINK products. Designed to AVA requirements, the state-of-the-art seven-section multi-system TRAMLINK vehicles promote safety, comfort and sustainability, and are fully accessible.

The bidirectional metre-gauge vehicles offer spacious, bright and barrier-free passenger compartments with wide gangways, low flooring and several multifunctional areas. The low entrance height and seven doors per side facilitate an optimal passenger flow and dwell time. The 44.1 m long and 2.4 m wide trams offer capacity for 262 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
- Driver’s cabs with independent HVAC system

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	AVA
Region	Canton of Aargau, Switzerland
First delivery	8
Delivery	2022
Track gauge	1,000 mm
Supply voltage	600 / 750 / 1,200 / 1,500 VDC
Seats	84
Capacity (4pers/m²)	262
Entrance height	370 mm
Length over coupling	44,100 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	18 m
Power traction motor	6x100 kW
Maximum speed	80 km/h