



# CITYLINK TRAM-TRAIN

Transport for Wales, UK

In January 2019, Stadler was awarded the contract to manufacture and supply 36 CITYLINK tram-trains and 35 FLIRT trains.

The three-section light rail vehicles can be operated both under 25 kV AC overhead lines and with traction batteries. Thanks to the traction batteries, costly infrastructure investments can be largely avoided.

The bidirectional vehicles have been adapted for the rail and streetcar network of the South Wales Metro and can travel at speeds of up to 100 km/h on the rail network.

The forty-meter-long, high-floor vehicles can accommodate 252 passengers and have spacious, bright and air-conditioned passenger compartments with six multifunctional areas for bicycles, seats for people with reduced mobility and two wheelchair spaces.

The CITYLINK is a modular, barrier-free family of light rail vehicles specially designed to connect the city center with the surrounding areas without having to change trains, thus offering passengers a safe and comfortable journey.

## **Stadler Rail Group**

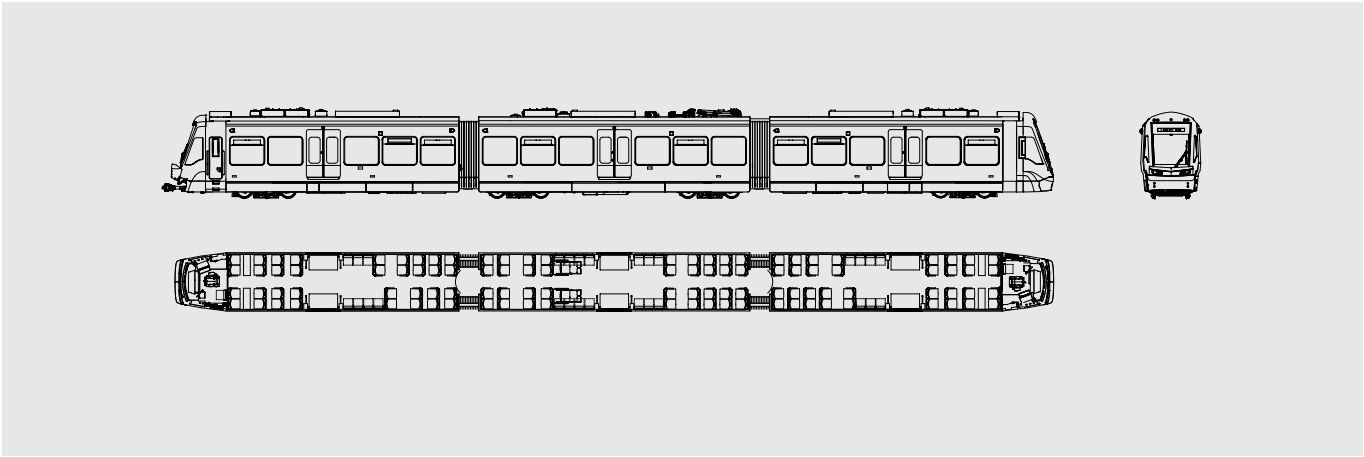
Ernst-Stadler-Strasse 1  
CH-9565 Bussnang  
+41 71 626 21 20  
[stadler.rail@stadlerrail.com](mailto:stadler.rail@stadlerrail.com)

## **Stadler Rail Valencia S.A.U.**

Pol. Ind. Mediterráneo. Mitjera 6  
E-46550 Albuixech (Valencia)  
+34 96 1415000  
[stadler.valencia@stadlerrail.com](mailto:stadler.valencia@stadlerrail.com)

[stadlerrail.com](http://stadlerrail.com)

# STADLER



## Technical features

### Technology

- Bidirectional light rail vehicle
- Hybrid vehicle: 25 kV AC + batteries
- Free-catenary on-board technology based on batteries able to run long distances
- Lightweight structure made of high-strength stainless steel
- Real turning bogie with slewing ring and large diameter wheels
- Secondary air suspension for a smooth and silent operation

### Comfort

- Barrier-free vehicle
- Bright, pleasant and air-conditioned passenger compartments with scope for individual design
- Regional train comfort seats and amenities
- Spacious multifunctional areas
- Double-leaf doors including ramp system
- Modern passenger information system

### Personnel

- Air-conditioned driver's cab
- Ergonomically designed driver's desk
- Great visibility from driver's door with exclusive use

### Reliability / Availability / Maintainability / Safety

- Full EN 12663 P-III and EN 15227 C-III compliance
- Surveillance CCTV system
- Easy access for maintenance

## Vehicle data

Customer	Transport for Wales
Region	Wales
Number of vehicles	36
Commissioning	2026
Track Gauge	1,435 mm
Energy Supply	25 kV AC + Batteries
Vehicle length	40,000 mm
Vehicle width	2,650 mm
Entrance height	915 mm
Seats	126
Total capacity (4 pers./m <sup>2</sup> )	252
Doors	3 double-leaf doors per side
Wheel diameter	740 mm
Min.curve radius	25 m
Power traction motors	4 x 150 kW
Maximum speed	100 km/h