



DT 8.12

Stuttgarter Strassenbahnen AG

In December 2009, Stuttgarter Strassenbahnen AG ordered 20 DT 8.12 with an option for an additional 20 DT 8.12 for use in the Stuttgart in the city area of Stuttgart. An option for an additional 20 vehicles was exercised in December 2013. These vehicles will be delivered to Stuttgarter Strassenbahnen AG from November 2016 to the end of 2017.

The high-floor vehicles have a length over coupling of 39.1 metres. A carriage width of 2.65 metres makes the bright passenger area appear particularly spacious. The bi-directional vehicles have a gauge of 1'435 millimetres.

The DT8.12 is based on the Tango city rail range of vehicles. Based on a modular vehicle system using established bogie technology, the Tango is ideal for adapting to inner-city infrastructure.

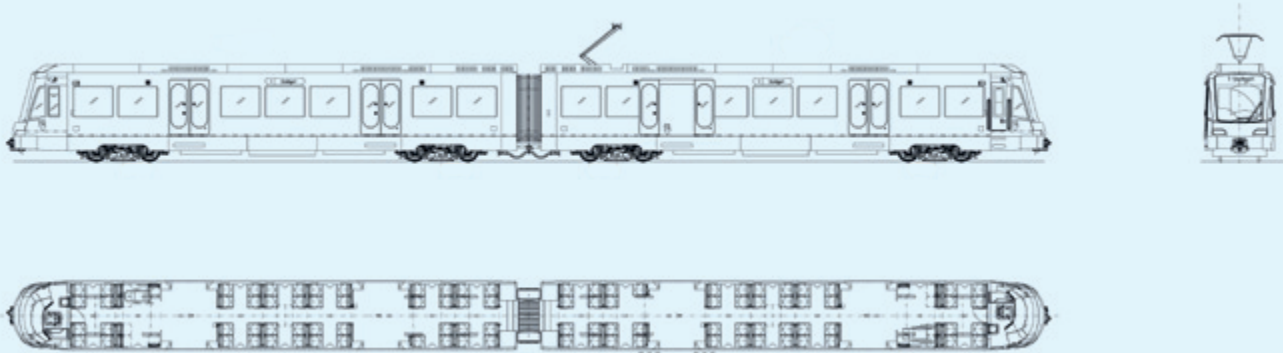
www.stadlerrail.com

Stadler Rail Group

Ernst-Stadler-Strasse 1
CH-9565 Bussnang
Phone +41 (0)71 626 21 20
stadler.rail@stadlerrail.com

Stadler Pankow GmbH

Lessingstrasse 102
D-13158 Berlin
Phone +49 30 9191 1616
stadler.pankow@stadlerrail.de



Technical features

Technology

- Bi-directional vehicle
- Motor bogies with pneumatic suspension
- Double traction capability
- Spacious articulated area with fixed interior panelling
- Ideally adapted to existing infrastructure
- Special features:
 - Head shape
 - Colour scheme
 - Interior design
 - Rear view mirror/cameras
 - LED lighting in interior
 - Crash elements (crashworthiness)

Comfort

- 100% high-floor
- Eight double sliding plug doors (4 on each side)
- Barrier-free access throughout the passenger compartment
- Bright, friendly passenger area
- Dedicated access for mobility impaired customers
- Air-conditioned passenger compartment and driver's cab

Personnel

- Modern, ergonomically designed driver's cab
- Transparent rear walls in driver's cab

Reliability / Availability / Maintainability / Safety

- Pneumatic brake system

Vehicle data

Customer	Stuttgarter Strassenbahnen AG
Area serviced	Stuttgart area
Number of vehicles	40
First delivery	2012/2016
Vehicle length (coupling)	39110 mm
Vehicle width	2650 mm
Height (over roof-mounted components)	3715 mm
Access height	1000 mm
Floor height (100% HF)	1000 mm
Passable gradient	9%
Gauge	1435 mm
External sliding plug doors	4 per side
Wheel diameter	740/660 mm (new/worn)
Catenary voltage	750 V DC
Drive system	8 × 130 kW
Max. speed	80 km/h
Seats	106 (incl. tip-up seats)
Standing capacity (4 pers./m²)	146
Min. curve radius	50 m