



IK-TYPE UNDERGROUND TRAINS

Berliner Verkehrsbetriebe AöR (BVG)

In August 2015, Berliner Verkehrsbetriebe AöR (BVG) put two IK underground vehicles into passenger service as prototypes on the Berlin small profile network (lines U1 to U4). Following a successful trial phase, further options were exercised. The order volume covers 40 underground trains. These new bidirectional vehicles have a bright, airy passenger area and a modern passenger information system.

The cambered design of the carriage walls means that the four-part vehicles are 2.4 metres wide – 10 centimetres wider than the existing vehicles. The underground trains for Berliner Verkehrsbetriebe belong to the Tango range of city rail trains.

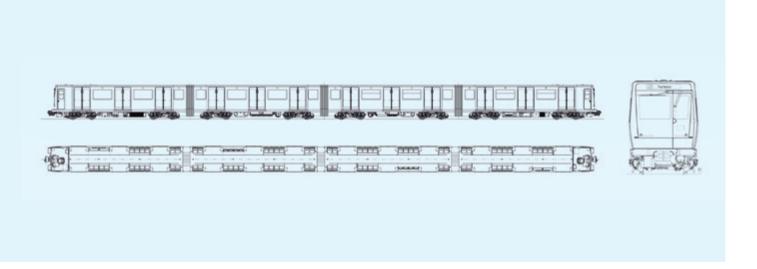
www.stadlerrail.com

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

- Automatic centre buffer coupling
- Can be coupled to existing vehicles
- Bogies with air suspension ensure a minimum of noise as the trams travel
- Internal and external graffiti protection
- Anti-scratch films on windows
- Polarity switch for operation on large profile network
- Cambered design of outer skin

Comfort

- Twelve two-wing sliding plug doors per side of vehicle
- Bright, welcoming passenger compartments
- Modern passenger information system

Personnel

- Ergonomically designed driver's cab

Reliability / Availability / Maintainability / Safety

- Compliance with crash norm EN 15227
- Compliance with fire safety standard EN 45545

Vehicle data

Customer	Berliner Verkehrsbetriebe AöR (BVG)
Designation	IK-type underground trains
Lines serviced	Underground lines U1 to U4, Berlin
Number of vehicles	2 prototypes + 38
Commissioning	2015
Gauge	1435 mm
Length over coupling	51640 mm
Vehicle width	2400 mm
Vehicle height	3210 mm
Floor height	875 mm
Number of passenger	
compartment doors	12 per side of vehicle
Entrance width	1300 mm
Seats	72/80
Standing capacity	
(4 persons/m²)	258
Bogie wheelbase	1800 mm
Drive system	1080 kW
Maximum speed	70 km/h