



75 % Low-floor Tango

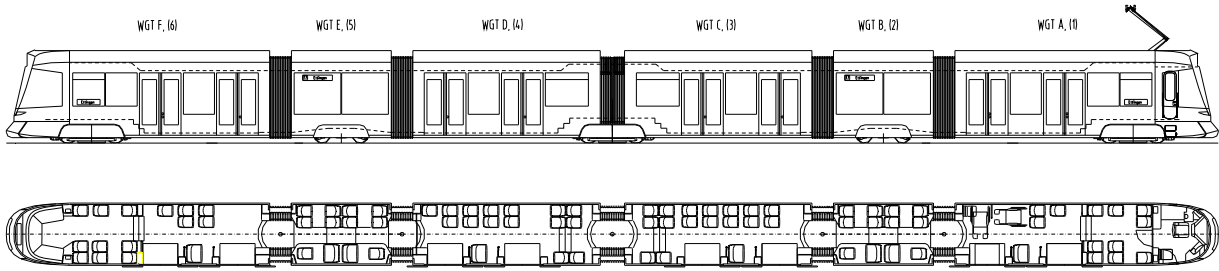
for the Baselland Transport AG (BLT) and the Basler Verkehrsbetriebe (BVB), Switzerland

With the acceptance of the outline contract, Stadler will deliver 60 Tango trams over the next 10 years for service in the region of Basel. This successful in-house developed Tango tram will be delivered for service in Switzerland for the first time.

The initial four vehicles will be delivered in 2008 and after successful trial operations, the 1st series of 15 vehicles for the BLT and 15-25 for the BVB will be delivered. The 2nd series of 20-30 vehicles should be delivered in the year 2014. The Tango has a meter wide track gauge and a 75% low-floor area. The vehicle is 45 m long and offers a place for 275 passengers, 94 of which can be seated. The vehicle will be composed of 6 unidirectional modules. To ensure increased passenger comfort, the Tango is air-conditioned and operates on air suspended bogies. 8 doors enable a fluid exchange of passengers.

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Technical features

- Bright, passenger-friendly interior with individual design
- Unidirectional vehicle
- Optimal adjustment to the existing infrastructure
- Designed for urban and rural operation
- 75% low-floor
- Spacious multipurpose area in entrance section
- 8 doors on each side for rapid passenger access
- Easy access for challenged persons
- Transparent driver's cab wall
- Body frame in high-alloyed steel
- Air-suspended bogies
- Redundant traction chain with 3 water-cooled IGBT power converters
- Spacious fixed articulation covering the passage

Vehicle data

Customer	Baselland Transport AG (BLT) und Basler Verkehrsbetriebe (BVB)
Gauge	1'000 mm
Number of vehicles	60
Service start-up	2008
Seating capacity	94
Standing capacity (4 pers./m ²)	182
Floor height low floor (75%)	320/370 mm
Overall length	45'000 mm
Vehicle width	2'300 mm
Vehicle height	3'510 mm
Tare weight	57 to
External doors	8
Powered wheel diameter (new)	680 mm
Trailer wheel diameter (new)	560 mm
Overhead wire voltage	600 V
Traction system	6x125 kW
Maximum speed	80 km/h
Min. curve radius	12 m

