



TANGO 70% LOW-FLOOR

Rhônexpress, Département Rhône, France

In April 2007, the Rhônexpress consortium ordered six Tango from Stadler on behalf of the Département Rhône. The bidirectional vehicles have 70 per cent low-floor area. They service the line between Lyon-Part-Dieu (main station) and Saint Exupéry Airport. The Tango vehicle type is based on a modular vehicle system using established bogie technology. As an airport shuttle, the Tango offers high levels of comfort: The entire passenger area is air-conditioned, and there is plenty of storage space for passenger luggage. The vehicle is designed for a running speed of 100 km/h.

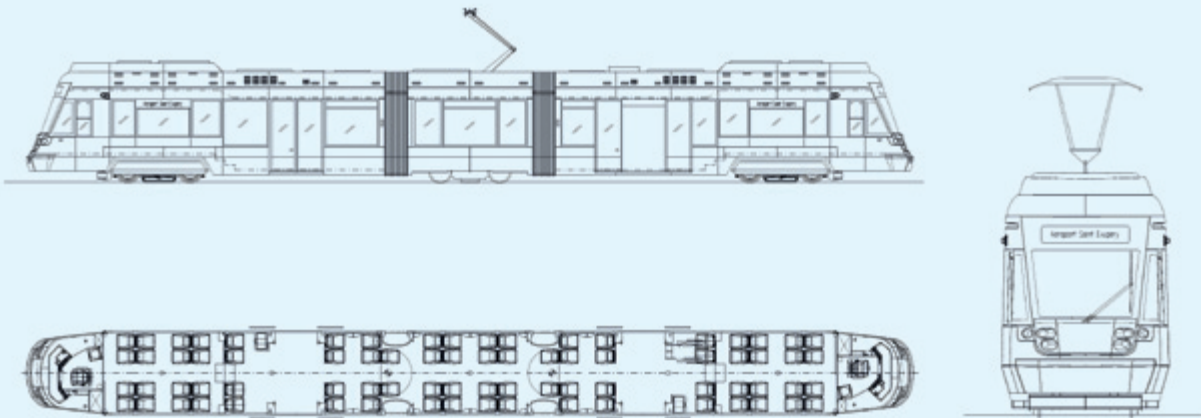
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Technical features

Technology

- Bidirectional vehicle
- Maximum speed of 100 km/h
- Hydraulic brake
- Can be combined with existing vehicles
- Pneumatic suspension

Comfort

- Air-conditioned passenger compartments
- Two multifunctional areas
- Low-floor 70 %
- Comfortable interior
- Tailored outside contours
- Spacious articulated gangway

Personnel

- Air-conditioned driver's cab
- Video rear view mirror system
- Ergonomically designed driver's cab

Reliability / Availability / Maintainability / Safety

- Compliance with French fire safety standards
- Compliance with specific crash requirements
- Use of established components and concepts

Vehicle data

Customer	Rhôneexpress
Lines serviced	Lyon main station-airport
Number of vehicles	6
Delivery	2009/2010
Vehicle length	27000 mm
Vehicle width	2550 mm
Height (over roof-mounted components)	3680 mm
Low-floor height	350 mm
Gauge	1435 mm
External sliding doors	2 on each side
Driving wheel diameter	720 mm
Carrying wheel diameter	650 mm
Catenary voltage	750 V
Drive system	500 kW
Max. speed	100 km/h
Seats	76 (incl. 4 tip-up seats)
Standing capacity (4 pers./m²)	75
Min. curve radius	25 m