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 typ 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.
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 | Rhônexpress
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 | 78 (incl. 4 tip-up seats)
Standing capacity (4 pers./m²) | 75
Min. curve radius | 25 m