



TANGO NF2 «nOVA» TRAM

Dopravní podnik Ostrava a.s. (DPO), Ostrava, Czech Republic

In December 2016, Stadler wins the bid for an order of 30 + 10 trams for the operating company Dopravní podnik Ostrava a.s. (DPO). The trams are based on the tried-and-tested TANGO model, but will be customized with low-floor technology and will be designed to meet the needs of DPO in Ostrava. Project planning and engineering are carried out by Stadler in Prague (CZ), final assembly and commissioning at the Stadler factory in Siedlce (PL). The technological benefit was a vital factor in receiving the first order for trams in the Czech Republic. The benefits of the Tango model are the high level of comfort provided by the bogies, and the ease of access for persons with reduced mobility. On top of this come compliance with all safety-related EU standards, the modular construction, the ergonomic driver's cabs, the air conditioning throughout and the low noise emissions, even at high speed. The two-car trams for Ostrava are 24.9 metres long, 2.5 metres wide and 3.6 metres high. They provide space for a total of 188 passengers, 61 seated. The vehicles are low-floor throughout, have four wide doors for efficient boarding and alighting and also have a wheelchair ramp. The vehicles are fully air-conditioned and reach a maximum speed of 80 km/h. They meet all relevant safety standards, and have a vehicle front that is optimized for pedestrian protection.

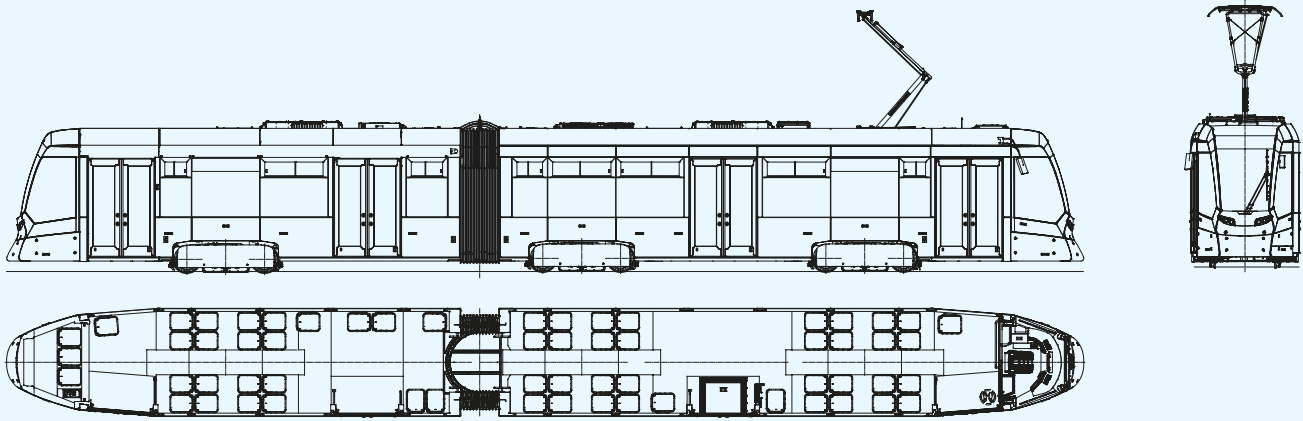
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Technical features

Technology

- Uni-directional vehicle
- Maximum speed of 80 km/h
- Four wide doors (1300 mm)
- Pivoting bogies

Comfort

- Ease of access for persons with reduced mobility
- 100% low-floor
- Fully air-conditioned
- Low noise emissions, even at high speed

Personnel

- Ergonomically designed driver's cab

Reliability/Availability/Maintainability/Safety

- Pedestrian protection
- Safety-related EU standards

Vehicle data

Customer	Dopravní podnik Ostrava a.s.
Operated networks	City Ostrava (CZ)
Track gauge	1435 mm
Operating voltage	600 V DC
Axle arrangement	2'Bo'Bo'
Number of vehicles	30 + 10
Commissioning	08/2018
Seats	61
Standing capacity	127 (5/m ²)
Floor height	
Low-floor	350 mm
Door opening	1300 mm
Vehicle length	24.9 m
Vehicle width	2.5 m
Vehicle height	3.6 m
Maximum speed	80 km/h