

Tram Flexity M33

GOTHENBURG, SWEDEN



The M33 trams are adapted to the infrastructure and environmental conditions in Gothenburg. The vehicles are being delivered in various configurations, initially as three-section, single-direction and

bidirectional vehicles. Inside the vehicles, there are multifunctional areas that can be used for wheelchairs, walkers, and strollers.

Project features

Equipped with Kiepe Electric systems, the vehicles feature reliable and innovative electrical technology.

This includes the complete drive system and vehicle control system and, in combination with the Bombardier bogies, ensures a smooth and comfortable ride. The drive motors are liquid-cooled.

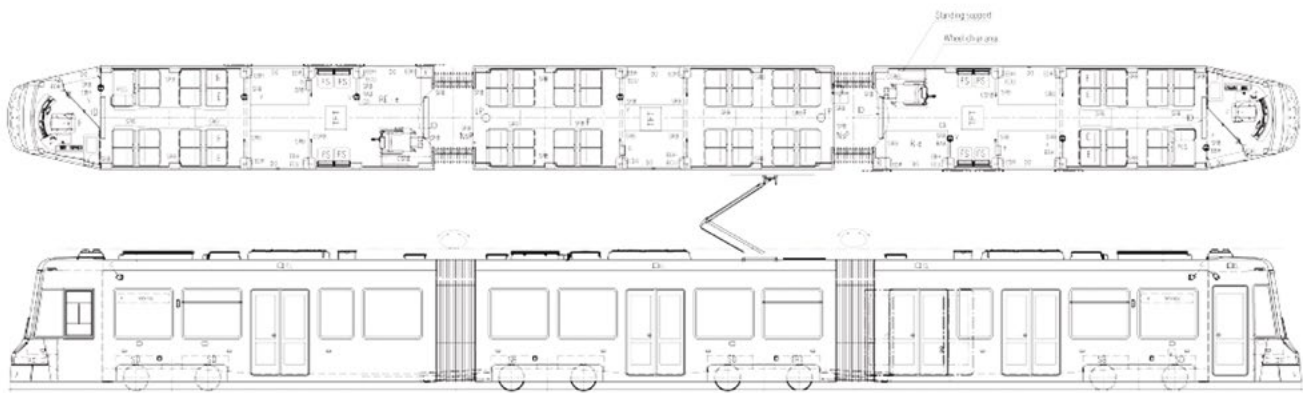
A particular advantage of the vehicle is the use of motor waste heat to heat the passenger compartment. This protects the environment and reduces energy consumption, thereby lowering the vehicle's LCC costs.

- Three-section single-direction and two-way articulated vehicles
- Optional: Five-section multi-articula-

ted vehicle as an additional vehicle variant.

- 100% low-floor vehicle
- Air-conditioned passenger compartment and driver's cab
- Liquid-cooled traction motors; heat exchanger combined with braking resistor
- Innovative utilization of engine waste heat to heat the passenger compartment
- Interior video surveillance and exterior camera-based rearview mirror system
- Onboard passenger infotainment and Wi-Fi/WiFi an Bord
- Emergency operation in the event of a loss of catenary voltage using only the onboard battery

Technical drawing



Vehicle data

Vehicle lenght	33 m
Vehicle width	2.650 mm
Vehicle height	3.600 mm
Percentage of low-floor vehicles	100 %
Vehicle weight (empty)	approx. 48 t
Track width	1.435 mm
Doors	10 passenger compartment doors
Seating capacity	63
Standing places	157
Wheel diameter	630 mm new
Contact Wire Tension	DC 750 V
Drive	6 x 120 kW
Maximum speed	70 km/h

Subject to change without notice

