



Hybrid Tram Train Citylink Chemnitz, Germany

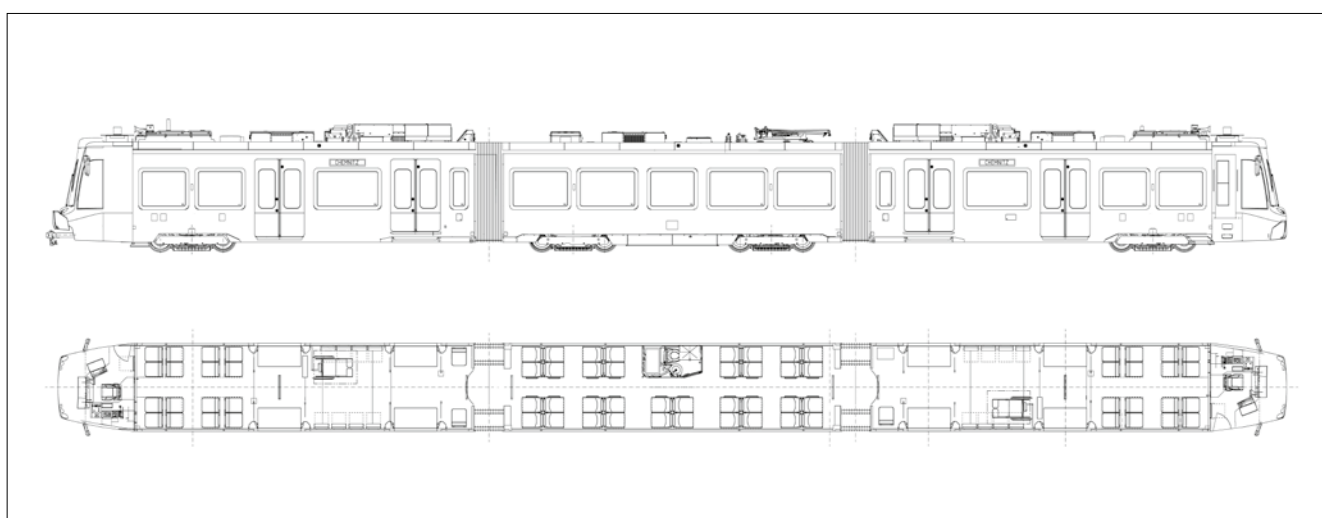
Hybrid Tram Train Citylink

Project characteristics

- Bi-directional vehicle
- Dual-mode vehicle suited for operation according to BOStrab and EBO
- 6-cylinder diesel engine with AdBlue technology
- Air-suspension for high passenger comfort
- Different access levels with extendible sliding steps for existing infrastructure

Vossloh Kiepe and Vossloh Rail Vehicles will supply the new Citylink tram trains for Verkehrsverbund Mittelsachsen GmbH. These vehicles are equipped with reliable, state-of-the-art electrical traction and control technology from Vossloh Kiepe. Moreover, they are adapted to the infrastructure and the characteristics of the city of Chemnitz and its region in the "Chemnitz model". The new low-floor tram trains extend the public transport of the regional metropolis into the regional medium-sized towns as they can be operated as trams

in the city and as interurban trains on the existing railway infrastructure, hence eliminating the need to change trains. These Citylink vehicles are fitted with a pantograph for 600/750V operation and with two 6-cylinder diesel-gen sets featuring AdBlue technology, which ensure the mobility on the railway sections of the network. Citylink vehicles fulfil the increasing requirements for mobility and ride comfort and make a significant contribution to better transport connections and quality of service.



Technical data

Vehicle length	37.2 m
Vehicle width	2.65 m
Vehicle height	3.85 m
Low-floor share	Approx. 80 %
Boarding height	430–600 mm
Tare weight	Approx. 68 t
Track gauge	1,435 mm
Doors	4 double doors per side
Seats	87
Standees	141 + 2 spaces for wheelchairs
Wheel diameter (new / worn)	720 / 640 mm
Overhead line voltage	DC 600 / 750 V
Traction power	4 x 145 kW three-phase motors
Maximum speed	60 km/h in the area of BOStrab, 100 km/h in the area of EBO
Homologation	BOStrab / EBO Section 32
Features	Diesel-gen-set with AdBlue technology for diesel-electric operation, toilet

Subject to change without notice

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