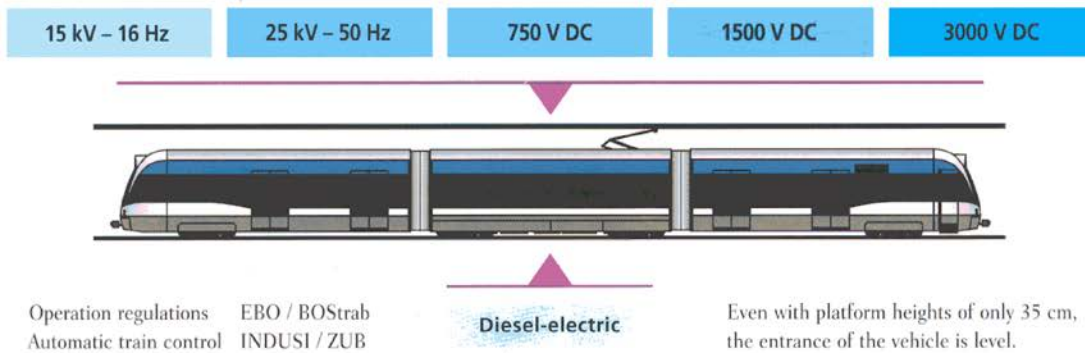
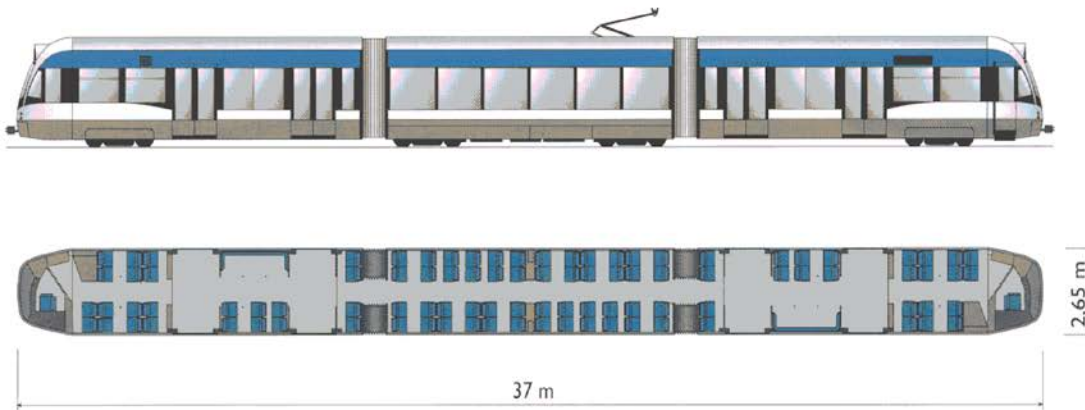


The Tram-Train Family



Tram-Train for Saarbrücken Technical Specifications

Length / width	37 m / 2,65 m	Max. speed	100 km/h
Number of seats / Standees	96 / 147	Acceleration rate	1,1 m/s ²
Low-floor area	50 %	Deceleration rate	1,6 m/s ²
Floor height (low-floor area)	≤ 400 mm	Max. gradient	80 ‰
Weight	55,4 t	Operation regulations	EBO / BOStrab
Catenary voltage	750 V DC	Automatic train control	INDUSI / ZUB
	15 kV 16 2/3 Hz		



BOMBARDIER
TRANSPORTATION



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- United Kingdom - Tel.: (44-1-924) 271 881 • United States - Tel.: 1 (212) 682-5860

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Urban Transport

The Tram-Train Family



Bombardier Transportation's Tram-Train is the first vehicle to combine dual-voltage technology with low-floor entrance and is bound to become the "vehicle of tomorrow". State-of-the-art technology meets passengers' requirements for comfort and satisfies operators and owners. With multipurpose ingenuity, the Tram-Train is at home on all types of rails – from railways to city-tram networks. Using different electric voltages or diesel, the flexibility of the Tram-Train opens new dimensions for local public transport systems around the world.

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NONSTOP

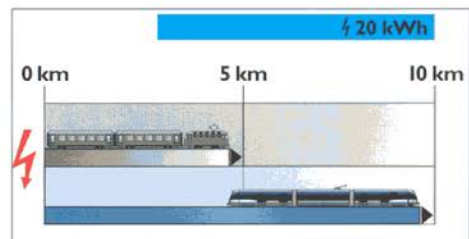


Pleasing aesthetics:

The adaptable and modern design of the Tram-Train ensures that it will blend in with any environment. Not just the colours but also the number and the type of doors and the design of the front end "look" can be customised according to the client's requirements.

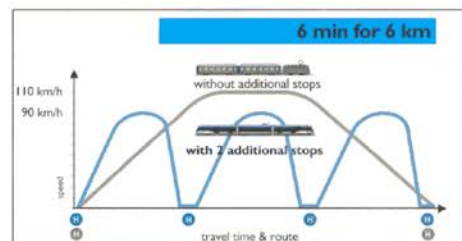
Accessible:

With platform heights of only 35 cm the vehicle entrance is level with the platform. There is no need to climb in – just stroll on board – making things easier also for cyclists, people with prams and wheelchair users. Any gap between vehicle and platform is bridged with extending footboards.



Energy saving train by train

Using the same energy the Tram-Train can transport 250 passengers twice as far as the regional train. The braking energy (up to 60% of the power consumption) is not lost but fed back into the network.



Accelerated speedy

In the Tram-Train you can stop more often and still arrive before the regional train. This is possible thanks to the exceptional acceleration and deceleration values.