



Bielefeld tram

Data and facts

MoBiel has commissioned 16 new GTZ8-B trams, with the option of acquiring an additional 25 vehicles. At 35 metres long and 2.65 metres wide, the vehicle has capacity for around 230 passengers. Generous multi-purpose compartments provide space for wheelchair users, parents with pushchairs and passengers with walking frames and bicycles. With a total of 5 double doors on each side, passengers can get in and out of the trams quickly and easily.

Challenge

CE cideon engineering supported HeiterBlick GmbH in the in-house development of a tram, and took on all of the mechanical-engineering work based on specifications from HeiterBlick. Additional key services included project management, coordination of subcontractors and production support. The acquisition of this project meant a lot of new challenges for CE cideon engineering.

Implementation

CE cideon engineering was involved in the following areas relating to design, calculations, cable laying and the running-dynamic-related design:

- Basic construction
- Interior fittings
- Bogies
- Equipment
- Approval support
- Testing support
- Technical documentation for operation and servicing

Customer benefits

HeiterBlick GmbH was able to use external resources as needed, and had access to the specific expertise of CE cideon engineering, which was of use when developing the bogie, for example.

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