

Project: "Cityrunner-2 Linz"

Client: Linz AG Linien

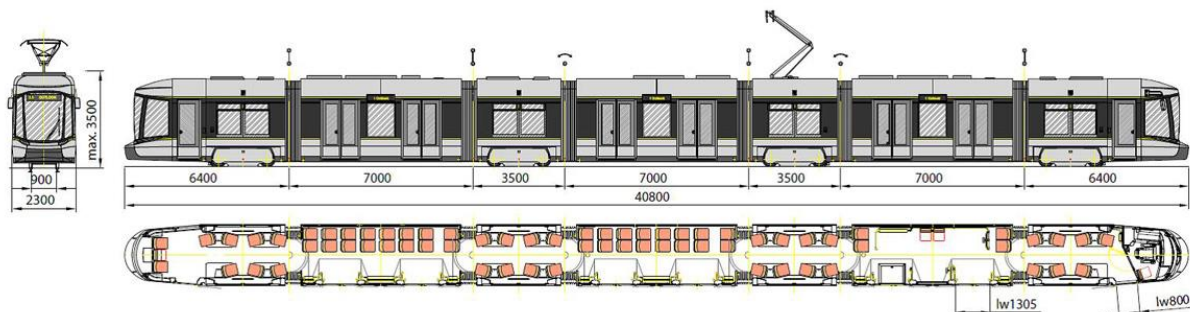
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Project Duration: 2009 - 2012

Project Brief:

As a replacement for the existing high-floor vehicles, and to expand the Linz AG Linien network, new low-floor vehicles had to be tendered for. They should be similar in functionality to the existing 100% low-floor vehicles, but equipped with state-of-the-art design and technology. In addition, these vehicles should be procured together with an "all-inclusive" maintenance contract.

Brief Vehicle Description:



Model/Type: Unidirectional Vehicle	Maintenance contract: 16 years
Vehicle length: 40,8 m	Max. axial load: 10 t
Vehicle width: 2,3 m	Min. curve radius: 17 m
Entry height / Low-floor area ratio: 330 mm above top of rail / 100 %	Gradeability: 70 ‰
Total capacity (with 4 people/m²): 227 passengers total, 71 seats	Multi-functional area: 2 wheelchairs + 2 buggies + 2 bikes

Task Description:

1. Preliminary studies:

- Analysis of the technical requirements for the integration of new vehicles within the Linz AG Linien network
- Customer information regarding available vehicles

2. Preparation of an Invitation to Tender:

- Compiling the technical specification document
- Drawing up the technical-economic requirements
- Developing a maintenance contract
- Preparing the tender specifications, as well as evaluation and acceptance criteria

3. Tendering process:

- Assistance with the tendering and evaluation process

4. Assistance with procurement:

- Project coordination, follow-up and supervision of the project progress
- Drafting the functional specification document
- Inspection of the system description documents
- Providing Technical Opinions and assistance with applying for type approval and operating permits
- Initial sample inspection and subsequent vehicle inspection, incl. protocolling
- Inspection of vehicle and maintenance documents
- Assistance with the execution and implementation of the maintenance contract