

Reference List Special transport systems



SRT 2.1, CN

- Pre-series vehicle: 35.3m long, 6 steered axles
- Design of: system data, steering system, chassis, brake, propulsion, suspension, pneumatic and hydraulic equipment
- Dynamic simulation and verification
- Manufacturing drawings and parts lists
- Component specifications
- Documentation
- Delivery of key components



Articulated Bus, CN

- Prototype vehicle: 30.3m long, 6 steered axles
- Design of: system data, steering system, chassis, brake, propulsion, suspension, pneumatic and hydraulic equipment
- Industrial design
- Crash and dynamic simulation, verification
- Component specification
- Documentation



Electric Storage Long Trolley Bus, CN

- Prototype vehicle
- Design of: system data, chassis, brake, propulsion and suspension systems, pneumatic and hydraulic equipment
- Dynamic simulation and verification
- Manufacturing and assembly drawings and parts lists
- Component specification
- Documentation
- Delivery of key components



Autotram, Dresden, DE

- Test vehicle for autonomous driving and alternative traction power systems
- 1 vehicle of 2 cars
- System data design
- Engineering and supply of bogies, pneumatic and hydraulic equipment of the steering system
- Calculations
- Manufacturing drawings and parts lists
- Documentation

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Stollenbahn, CH

- Special train with laser and camera self-steering system on tire wheels
- Two axles steered and electrically powered
- Engineering and documentation
- Manufacturing drawings and parts lists
- Calculations and verification
- Operating and maintenance documents
- Commissioning and control papers and support



Inclined lift, Freiburg, DE

- Engineering of bogies with automatic leveling, track equipment and track
- Calculations
- Manufacturing drawings and parts lists
- Documentation

Other systems:



Heidelberg, DE



Künzelsau, DE



Taksim, TR



Vallvidrera, ES



Corviglia, CH



Cairngorm, UK



Haifa, IL



Bourg St. Maurice, FR