Lead Through Quality

We support you in keeping you one step ahead of your competitors – with railway vehicles and components meeting the highest international standards on passenger comfort, safety, efficiency and environment.

Clear advantages with a strong partner
- We support you when it comes to achieving your project goals on time, increasing your flexibility and driving innovation forward. Our independence gives us a neutral view of your concepts and solutions.
- By using state-of-the-art simulation technology, we reduce your costs and time for prototyping and testing.
- Certification procedures for your products can be processed faster – thanks to needs-based documentation.
- We supply functional vehicle designs that optimally meet the needs of your customers.
- The experience and expertise of 390 professionals in the Helbling expert network gives you the greatest possible security.

Innovation is our motivation
Founded in 1963 Helbling Technik AG today employs over 390 professionals in Switzerland, Germany, the USA and China.

Our mission statement «Innovation, together we do it» expresses our ambition to be a long-term partner in our customers’ collaborative innovation network. Our engineers, computer scientists and physicists have the tools, highly professional methodologies and modern infrastructures with their own laboratories at their disposal. This environment creates ideal conditions to generate new ideas, integrate state-of-the-art technologies and develop successful products.

Helbling Technik is a division of the Helbling Group.

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Contact
Helbling Technik AG
Schachenallee 29
CH-5000 Aarau, Switzerland

Watch our movieclip:
90 seconds of transportation
We come into play –
You benefit

Your success is our motivation. We realize it through goal-oriented approach, innovative thinking, a high level of commitment and the ability to adapt quickly to new challenges. We support you with first-class, unerring and innovative engineering services.

Profound knowledge and extensive services in following areas:
Development and construction
– Transportation systems
– Structures of vehicles and their subsystems
– Modernization and retrofit

Calculation, simulation and measurement
Certification
– Documentation for TSI approvals
– Fire safety assessments

Software and electrical engineering
– System integration
– Design and specification of subsystems
– Functional safety
– IoT / Data Analytics / Digitization
– Mobile diagnostic systems

Our customers
– Rail vehicle manufacturer
– Vehicle owners and operators
– Subsystem suppliers

We bring innovation efficiently on track

Competent, creative and energetic
– We know which requirements rail vehicles and their components must meet.
– We support you from the beginning to the end of your product: Planning, concept, development, commissioning, certification and operation until modernization.
– Our proven project and quality management supports the project execution according to your expectations and in line with your processes.
– You benefit from our long-lasting experience in designing and dimensioning of vehicle structures and components.
– Our interdisciplinary cooperation with experts from the Helbling network ensures sound expertise.

Certification support for a rail maintenance train

Convincing solutions for customer satisfaction

Interior fittings for vehicles

Collision simulation

Calculations for development of vehicle structure for metro

Optimization of driver’s cab air conditioning

Augmented Reality for optimizing service and marketing

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