

Why with Helbling

We give you immediate access to a highly qualified and multidisciplinary team of specialists that supports your product development and generates innovations from the initial idea to the final product.

You reap the benefit of our extensive expertise in developing products. You can depend on a unique partner capable of managing all technical aspects of your product development with the highest efficiency.

We ensure that your product is developed and documented in line with the latest standards. We transfer full control and ownership of the design and intellectual property developed during the collaboration.

Helbling – your exclusive, independent contract engineering partner for innovative devices and equipment development.



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Innovation, together we do it

Founded in 1963, Helbling Technik currently has more than 390 employees in Switzerland, Germany, USA and China.

Helbling Technik functions as a long-term partner in its customers' innovation network. Our engineers, IT experts and physicists use high-performance engineering tools, the latest infrastructure including laboratories, as well as high-quality professional approaches to generate new ideas, implement state-of-the-art technologies and develop successful new products.

Helbling supports medium-sized companies and large corporations with innovative engineering services. These services range from ideation and requirements engineering, over feasibility studies, concept elaborations and implementation, to industrialization and testing.

Contact

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Physio, Sports & Wellness Equipment

Are you planning to develop a unique device or innovative equipment? Or do you need to translate your idea into an outstanding product?

We transform your visions into great solutions by combining passionate engineering with years of product development expertise.

Helbling Technik

Innovation, together we do it

A broad spectrum of competencies and expertises

Design and development of devices & equipment

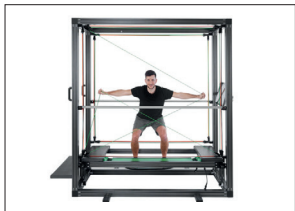
Our interdisciplinary team of engineers and scientists develop products integrating mechanics, micromechanics, electronics, optics and software.

Our competencies include:

- System design and development
- Technology assessment
- Wireless technologies
- Electromechanical design
- Low cost plastic design
- Ultra-low power systems
- Connected device design
- Design for manufacturing & assembly

Our development activities include:

- Specific development tasks (project management, quality & risk management, design verification)
- Documentation according to current standards, including medical device standard ISO 13485
- Design transfer to manufacturer and support during industrialization



Fitness coordination device



Orienteering tracker

A team combining creativity, technology and experience

We are experienced in providing design solutions that incorporate complex functionalities without compromising on safety or usability. Some reference projects include:

Physiotherapy & Rehabilitation

- Active & cardio devices
- Daily living aids
- Measurement devices
- Sleep & respiratory care

Sporting goods & equipment

- Tracking & surveillance devices
- Summer & winter sports equipment
- Indoor & outdoor sports equipment
- Smart clothes

Wellness (fitness & well-being)

- Fitness devices
- Personal care devices
- Face & body treatment devices
- Ultrasonic devices



Variometer



Exercise bike

Professional infrastructure and laboratories



Comprehensive set of design and engineering software packages for:

- Mechanical design
- Electronics design
- Optics design
- Fluidics design
- Multiphysics simulation

Fully equipped labs and areas for:

- Mechanical and electrical rapid prototyping
- Mechanical, electrical, optical and acoustic testing
- Metrology
- Environmental testing
- EMC/ESD testing
- Coworking with internal and external project members

