

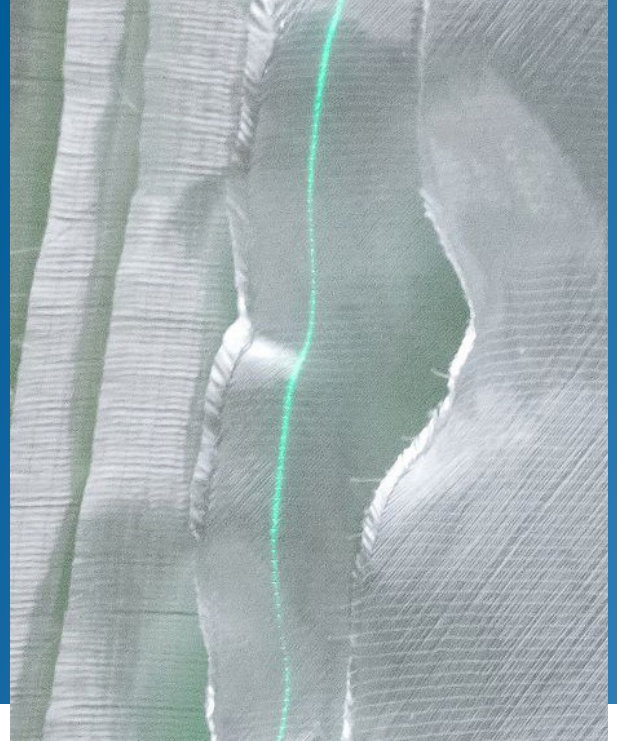


Precision in aerospace

Optimize your production processes with high-precision, efficient and reliable laser projectors from Z-LASER

Innovative laser projection for the aerospace industry

Discover how Z-LASER laser projectors are revolutionizing production in the aerospace industry - from the precise laying of fiberglass and carbon fiber mats to the production of complex aircraft and aerospace components.



Your challenges: Innovation and cost pressure



High safety and quality standards

The aerospace industry must meet extremely high safety and quality standards, which requires continuous monitoring and improvement of manufacturing processes.

Complex supply chains

The global nature of supply chains makes the industry susceptible to disruption, be it from political changes or economic fluctuations.

Technological innovations

The rapid progress in automation and digitalization as well as new materials requires constant adjustments and further developments in production.

Environmental regulations and sustainability

Growing pressure from environmental regulations and the need to implement more sustainable practices is challenging the industry.

Cost pressure

Despite the need to invest in new technologies and processes, the industry is under constant pressure to reduce costs and increase efficiency.



Unsurpassed beam quality and accuracy

Precision in projection is essential for the error-free production of complex parts in the aerospace industry.



Longevity and minimal downtime

Our laser projectors are characterized by their robustness and reliability, which leads to a reduction in downtimes and a longer service life of the devices.



Simple replacement of critical components

Our laser projectors are extremely easy to maintain: you can easily replace important components yourself! This means you benefit from a cost-efficient solution and a downtime of less than 1 hour.



Global network for seamless support

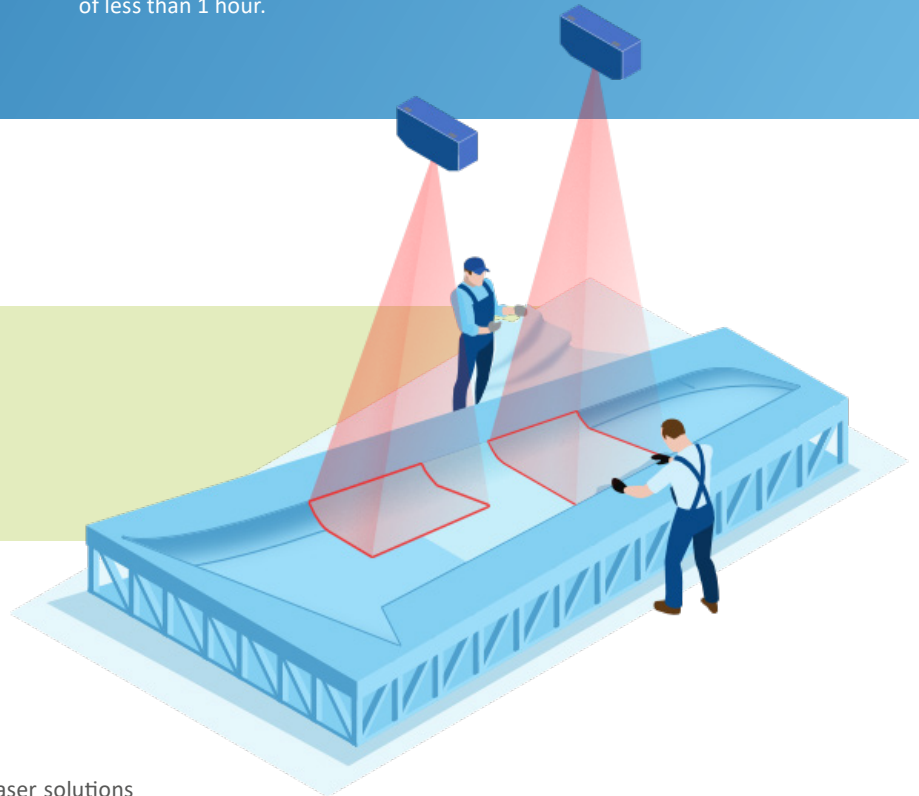
Thanks to a worldwide service network, Z-LASER offers fast and professional support wherever you need it.



Software with flexible API integration

The intuitive software and flexible API connection enable easy integration into existing production systems and contribute to the simple configuration of the projectors.

Our solution: Laser precision for production efficiency



Optimization of safety and quality

By providing high-precision projection solutions, our laser solutions can help meet stringent safety and quality standards by providing accurate manufacturing and assembly instructions.

Improvement of production processes

The laser projectors can simplify and speed up complex assembly processes, resulting in more efficient production.

Adaptability and flexibility

They are flexible to use and can be easily adapted to different production environments and requirements, which is particularly important in an industry with complex supply chains and constantly changing technological requirements.

Support for sustainable practices

By improving production efficiency, Z-LASER solutions help to reduce waste and make better use of resources.

Cost reduction

Z-LASER laser projectors can make a significant contribution to savings by increasing efficiency in production. Thanks to the precise and fast projection of production instructions, they reduce error rates and rework.

Z-LASER

An Exaktera Company

Innovative light for better results

Providing visual guidance to people and machines with laser solutions

Z-LASER has been developing and producing innovative, high-quality laser solutions since 1985.

By providing visual guidance and orientation for people as well as machines, our lasers contribute to optimizing your production processes, ensuring quality, and to using resources carefully.



German engineering since 1985

Over 120 employees develop and manufacture completely in Freiburg, Germany.



Innovators by conviction

25 % of our workforce is involved in R&D.



Rooted locally, at home globally

Sales offices and over 60 distributors worldwide.



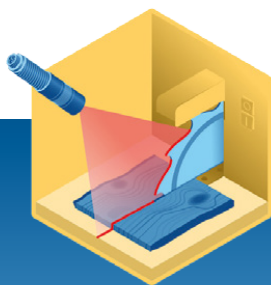
The right solution for every challenge

Developed in close customer exchange, our products adapt perfectly to your requirements.



Modular products for efficient processes

Modularity means less maintenance, optimized performance and better scalability.



Positioning Laser

Benefit from increased precision for more efficient processes with lower material consumption.



Laser for Machine Vision

Automate your optical quality control with structured laser light.



Laser Projectors

Replace mechanical templates with laser projections and save time, money and material.

Contact



Contact us.
We would be happy to advise you!

www.z-laser.com/contact

Headquarters

Z-LASER GmbH
Merzhauser Str. 134
79100 Freiburg
Germany

Tel: +49 761 296 44-44
E-Mail: info@z-laser.de
Web: www.z-laser.com

Salesoffice

Z-LASER Italia Srl.
Via Gran Paradiso, 4
20861 Brugherio MB
Italy

Tel: +39 039 287 1860
E-Mail: info@z-laser.com
Web: www.z-laser.com