

# Mechanical Engineering.

Digital production from Thuringia.



Invest in the heart of Europe.

Invest in Thuringia.

## Main production areas

### Core competences:

- › Laser Technology
- › Rapid Tooling
- › Robotics
- › Additive Manufacturing
- › Machining
- › Metal Processing
- › Materials Technology and Textile Processing

### Special machine engineering:

- › Automation Technology
- › Modern Tool and Mold Making
- › Software and Hardware

### Specialist areas:

- › Fine- and Micromechanics
- › Precision Parts
- › Mechatronics
- › Automation/ Machine Learning
- › Assisted Robotics
- › Service Robotics
- › MSR and Sensor Technology

## Good reasons for Thuringia

With its central location in Europe, modern infrastructure, excellent research partners, a strong supplier base, and a highly qualified workforce, Thuringia creates ideal conditions for companies to develop innovations and successfully position internationally competitive products and services in the market.

### LEG Thüringen's free full-service:

- › Search for suitable commercial areas and real estate
- › Assistance with recruiting skilled workers
- › Consulting on grants and customized financing solutions
- › Dealing with government agencies
- › Matching with R&D partners in Thuringia
- › Support for foreign executives

## The Thuringian mechanical engineering sector at a glance

- › 400 companies<sup>1</sup>
- › 18,000 employees<sup>2</sup>
- › Sales of 4.2 bn Euro
- › Export share of 44.6 %
- › 50,000 students, of that 19,000 in natural and engineering sciences
- › Attractive customers, suppliers and cooperation partners of the metal processing industry are located in the immediate vicinity.



**Thuringian Center of Mechanical Engineering (ThZM)** is your innovation partner in the field of modern mechanical engineering technologies and supports industrial companies across the entire process and manufacturing chain. The ThZM connects you with expert partners to help solve your research and development challenges.

### Specialized and highly motivated skilled workers

In Thuringia, mechanical engineering companies have access to an outstanding pool of skilled workers - ranging from highly trained skilled workers in various technical trades to highly qualified engineers and software developers.

### Basic and further training

To ensure that the mechanical engineering industry continues to have a sufficient supply of skilled workers in future, Thuringia is focusing on vocational training. Young people are trained in various fields, including metal cutting, mechanical and plant engineering, as well as tool and mold making.

#### Selected training vocations:

- › Cutting machine operator
- › Industrial mechanic
- › Metalworker

### Academic education

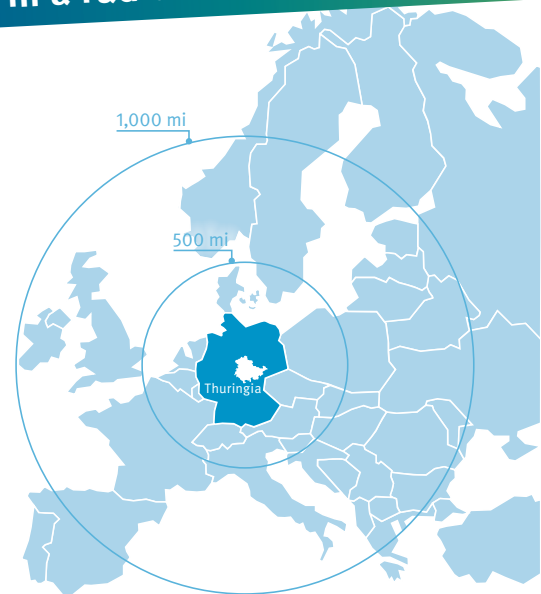
- › Technical University Ilmenau
- › University of Applied Sciences Schmalkalden
- › Ernst Abbe University of Applied Sciences Jena
- › Bauhaus University Weimar
- › University of Applied Sciences Erfurt
- › University of Cooperative Education Gera-Eisenach
- › University of Applied Sciences Nordhausen
- › Friedrich Schiller University Jena
- › University Erfurt
- › iu International University of Cooperative Education Erfurt



*The German culture of quality and excellence is what „Made in Germany“ is all about. Since our investment in a digital native advanced manufacturing system here in Thuringia, we are now proud members of the World Economic Forum’s prestigious „Global Lighthouse Network“ and a German „Hidden Champion“.*

**Stephen Eddowes,**  
CEO MantaMESH®

**280 mio potential customers in a radius of 500 mi.**



### Selected companies

- › Bystronic Maschinenbau GmbH
- › DMG Mori Seebach GmbH
- › Jenoptik AG
- › Kaeser Kompressoren SE
- › Kern Technik GmbH & Co. KG
- › Lemuth GmbH
- › MackSmaTec GmbH
- › N3 Engine Overhaul Services GmbH & Co. KG
- › MantaMESH GmbH
- › SIM Automation GmbH
- › SOMAG AG Jena
- › Sumitomo (SHI) Demag Plastics Machinery GmbH
- › VACOM Vakuum Komponenten & Messtechnik GmbH
- › ZIERSCH GmbH

#### Your LEG Service

Our consulting services are free. Simply set an appointment with our experienced investor service team.

#### State Development Corporation of Thuringia (LEG Thüringen)

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