

## About this organisation

### Machine translation

This organisation has been machine-translated based on data provided in German.

Tisora is an interdisciplinary special machine manufacturer with extensive experience in the fields of machine tool construction, engineering and automation, particularly in the processing industry. Thanks to our own mechanical production department, we achieve a very high level of in-house production depth. In addition to special machine construction, we are also a contract manufacturer (turning, milling, grinding) for individual parts and small series with particularly high requirements.

Close co-operation with various universities, institutes and research departments, some of which are renowned large companies, has resulted in a wealth of knowledge in the field of lightweight construction within Tisora. In some cases, patented processes for joining fibre-reinforced plastic compounds with metallic or non-metallic partners have been developed. All developments are created with the aim of being usable in large series applications. - Very high process speed - Very short cycle times - Very high process reliability and repeat accuracy over a long period of time - Cost-effective processes - Use of cost-effective materials (preferably thermoplastics and continuous glass fibre reinforced materials) Concrete developments: - Thermal moulding process - Thermal moulding joining process - Composite riveting process - High-performance lightweight tensioning tape incl. manufacturing process - Fibre-compatible tape laying process - Pin welding process - Inductive contact joining process

Nordstraße 46  
09113 Chemnitz  
Saxony  
Germany  
[www.tisora.de](http://www.tisora.de)



### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

50 up to 249

### Turnover

€2m - €10m

### Funding

n/a



## About this organisation

**Main areas covered** Special machines, automation

**Infrastructure**

**Certifications** ISO 9001:2015

**Keywords**

**Memberships**

## Overview of lightweighting expertise

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|  | Research | Development | Manufacturing & Supply |
|--|----------|-------------|------------------------|
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### Offer

*Products*

### Services & consulting

Engineering, Prototyping, Technology transfer,  
Maintenance and repair



### Field of technology

*Design & layout*

*Functional integration*

*Measuring and testing technology*

*Modelling and simulation*

*Plant construction & automation*

*Recycling technologies*

## Overview of lightweighting expertise

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Research   Development   **Manufacturing  
& Supply**

#### Manufacturing process

*Additive manufacturing*

*Coating (surface engineering)*

*Fibre composite technology*

*Forming*

*Joining*

*Material property alteration*

*Primary forming*

*Processing and separating*

*Textile technology*

#### Material

*Biogenic materials*

*Cellular materials (foam materials)*

*Composites*

*Fibres*

*Functional materials*

*Metals*

*Plastics*

*Structural ceramics*

*(Technical) textiles*

## Contacts

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This organisation has been machine-translated based on data provided in German.

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