

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



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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