

About this organisation

Machine translation

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

BENTELER Maschinenbau develops and produces systems for the manufacture and processing of chassis components and structural parts, as well as roller hearth furnaces, automation systems and tools for the production of weight-optimised hot-formed parts.

As one of the leading plant manufacturers in the hot forming industry, BENTELER Maschinenbau offers complete automation solutions for loading and unloading furnaces and presses in addition to continuous furnaces. BENTELER Maschinenbau also supplies systems for the manufacture and processing of chassis components, structural components and engine and exhaust components. We therefore design all modern joining and forming processes not only for steel, but also for the lightweight materials aluminium and fibre-reinforced plastics. We also design and manufacture hot forming tools for lightweight components. Thanks to our process expertise in the forming of steel, aluminium and fibre-reinforced composites (FRP), we can also provide significant support in component design. Toolmaking covers the entire process chain, from method planning to forming simulation, prototype production and final adjustment of the series tool.

Frachtstraße 10-16
33602 Bielefeld
North Rhine-Westphalia
Germany
www.benteler-mechanicalengineering.com/



Organisation type

Large enterprises

Sector



Employees

500 and more

Turnover

n/a

Funding

n/a



BENTELER Maschinenbau GmbH

About this organisation

Main areas covered Continuous furnaces for hot forming, Thermoforming moulds for lightweight construction, Plant engineering Chassis components

Infrastructure

Certifications

Keywords Hot forming, Automation solutions, Roller hearth/continuous ovens, Hot moulding tools, Joining and forming processes

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants, Tools and moulds	✓	✓	✓
Services & consulting Consulting, Testing and trials, Prototyping, Maintenance and repair	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & automation Plant construction, Automation technology, Handling technology, Robotics	✓	✓	✓
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
Forming Bending, Compression moulding, Stretch forming, Thermal converting, Deep-drawing, Fluid active media based forming	✓	✓	
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

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Research Development **Manufacturing
& Supply**

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

Contacts

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