

Concept Laser GmbH

About this organisation

Machine translation

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

Founded in 2000 by Frank Herzog, Concept Laser GmbH is one of the world's leading suppliers of machine and system technology for 3D printing of metal components. Since December 2016, Concept Laser has been part of GE Additive, a division of the world's leading digital industrial company General Electric (GE). GE Additive was founded in 2016 and acquired 75% of Concept Laser's shares, among other things.

The technology driver is the LaserCUSING® process patented by Concept Laser. The powder-bed-based laser melting of metals opens up new freedoms in the shaping of components and allows the tool-free, economical production of highly complex components in smaller batch sizes. The company's customers come from numerous sectors, such as medical and dental technology, the aerospace industry, tool and mould making, the automotive industry and the watch and jewellery industry. In addition to first-class additive manufacturing systems, including those from Concept Laser, GE Additive also offers materials and extensive development consulting for a wide range of industries. GE Additive is determinedly pursuing the further development and transformation of the industrial sector with software-defined systems and networked, adaptable and forward-looking solutions.

An der Zeil 8
96215 Lichtenfels
Bavaria
Germany
www.concept-laser.de



Organisation type

Small or medium-sized enterprise

Sector



Employees

50 up to 249

Turnover

n/a

Funding



[Projects in the funding catalogue](#)

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Main areas covered Medicine and dental, Tool and mould making, Aerospace, Automobile, Jewellery

Infrastructure

Certifications ISO 9001:2008

Keywords 3D metal printing, Additive manufacturing, Lightweight construction, Selective laser melting

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants, Materials	✓	✓	✓
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & factory automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Selective laser melting (SLM, LPBF, ...), Others: null	✓	✓	✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

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Contacts

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Ms Antonia Benz

a.benz@concept-laser.de