

About this organisation

Machine translation

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

ALPHA LASER GmbH is an owner-managed, medium-sized company specialising in the development and manufacture of mobile laser systems for welding, cutting and hardening. The laser systems offer the ideal welding solution for a wide range of applications thanks to their high welding speed, slim weld seams and low thermal distortion.

The AL3D-METAL 250 3D printer from ALPHA LASER ensures safe, clean and economical powder handling during metal printing. Thanks to a closed cartridge circuit, the operator never comes into contact with the powder during the entire printing process. As soon as the component has been printed, the cartridge is inserted into the AL3D-CABIN unpacking station and the component is separated from the powder. The excess powder can be extracted directly into bottles for further processing or reuse. This plus is unique and redefines the standard of occupational safety in additive manufacturing.

Junkersstrasse
82178 Puchheim
Bavaria
Germany
[α alphalaser.de](https://www.alphalaser.de)



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

€10m - €50m

Funding

n/a

About this organisation

Main areas covered Machines for laser beam melting, Machines for laser welding, Machines for laser powder application

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants	✓	✓	✓
Services & consulting Prototyping, Maintenance and repair	✓	✓	✓
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, Robotics	✓	✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing, Deposition welding, Selective laser melting (SLM, LPBF, ...)	✓	✓	✓
Coating (surface engineering) Others (Laser powder cladding)			✓
<i>Fibre composite technology</i>			
<i>Forming</i>			
Joining Welding			✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Cutting			✓
<i>Textile technology</i>			

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Aluminium, Steel, Titanium, Others (Laser material processing of metals)		✓	✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

Machine translation

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

Contacts	
Mr Dr.-Ing. Daniel Riedel	Mr Nico Albrecht
	<i>Distribution</i>
dr@alphalaser.de	nal@alphalaser.de