

Karl H. Arnold Maschinenfabrik GmbH & Co. KG

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About this organisation

Machine translation

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

Karl H. Arnold GmbH & Co. KG, founded in 1919 and family-owned ever since, is a classic mechanical engineering company with an extremely high degree of vertical integration. The product range includes laser system technology, mainly laser systems for welding, cutting, LMD, hardening and polishing. The associated processes such as pressing, heating, brushing, ultrasonic testing and parts handling are also included in the scope of supply.

Development and construction of laser systems which can also be used in lightweight construction, e.g. for laser welding and LMD

Gottlieb-Daimler Strasse 29
88214 Ravensburg
Baden-Württemberg
Germany
www.arnold-rv.de



Organisation type
Small or medium-sized enterprise

Sectors


Employees
50 up to 249

Turnover
€10m - €50m

Funding

Main areas covered Laser system technology, Laser systems, Flexible laser cells

Infrastructure Laser welding drive train, Laser systems for institutes, LMD laser systems

Certifications ISO 9000

Keywords Laser, Welding, LMD, Cladding, Rapid prototyping

Memberships VDMA

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants	✓	✓	✓
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
Functional integration Actuator technology, Sensor technology		✓	✓
Measuring and testing technology Visual analysis (e.g. microscopy, metallography), Destructive analysis, Non-destructive analysis			✓
<i>Modelling and simulation</i>			
Plant construction & automation Plant construction, Automation technology, Handling technology, Robotics		✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			✓
Deposition welding			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining		✓	✓
Welding			
Material property alteration			
Primary forming			
Processing and separating			✓
Drilling, Turning, Milling, Sawing, Grinding, Cutting			
Textile technology			

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

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