

EDI GmbH - Engineering Data Intelligence

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About this organisation

Machine translation

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

EDI GmbH - Engineering Data Intelligence enables the use of AI in your company without you having to have any special knowledge or experience. Our range of services includes customised AI software solutions, new digital products and the development of new, future-proof business models. Our focus is on making it easy to optimise, control and monitor processes, machines and systems.

The special feature of EDI GmbH's approach is the combination of the knowledge of existing experts on site, which is formalised using a patented technology and combined with automated machine learning (autoML). Our specific products in the field of lightweight construction include the rapid creation of digital twins and the automated recognition of elements on technical drawings, enabling contract manufacturers to create automated quotations and workflows. With our AI-based solution for checking weld seams and spot welds in real time during the production process, we give you one hundred per cent control over the welding process.

Wöschbacher Str. 73
76327 Pfinztal
Baden-Württemberg
Germany

www.edi.gmbh/

Main areas covered

Processes and machine tools

Infrastructure

IT infrastructure for AI and the cloud

Certifications

DAIMLER AG Software AUDIT

Keywords

AI, cloud, digitalisation

Memberships

en:hub, e-mobil BW, European DIGITAL SME Alliance, Cyberforum, IHK: AI and digital innovations



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

10 up to 49

Turnover

Up to €2m

Funding

n/a

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Consulting, Technology transfer, Others (AI & cloud-based IT solutions)		✓	✓
Field of technology			
<i>Design & layout</i>			
Functional integration Others (AI-based development of a digital twin / IT integration)		✓	✓
Measuring and testing technology System analysis, Others (AI-based data acquisition/analysis)		✓	✓
Modelling and simulation Life-cycle analysis, Optimisation, Processes, Reliability validation, Others (AI-based data analysis)		✓	✓
Plant construction & automation Automation technology, Others (AI-based plant automation/monitoring)		✓	✓
Recycling technologies Material separation, Recycling, Others (AI-based evaluation of input materials (image recognition))		✓	✓

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing Deposition welding, Others (AI-based process calibration)			✓
<i>Coating (surface engineering)</i>			
Fibre composite technology Others (AI-based process control and monitoring)		✓	✓
Forming Compression moulding, Rolling, Others (AI-based process control and monitoring)		✓	✓
Joining Welding, Others (AI-based process control and monitoring)	✓	✓	✓
Material property alteration Others (AI-based product development)	✓	✓	✓
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Electrical discharge machining, Honing, Sawing, Shearing/punching, Grinding, Cutting		✓	✓
Textile technology Others (AI-based process control and monitoring)		✓	✓

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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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