

About this organisation

Machine translation

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

ERICHSEN GmbH & Co. KG was founded in 1910. We research, plan, develop, design and produce equipment and machines for the following areas of application: Sheet metal testing, surface testing, corrosion testing and material testing.

In order to maximise weight savings when using new materials and applying increasingly complex manufacturing processes in lightweight construction, the requirements for testing methods are becoming ever more demanding. The focus is still on fast, reproducible and reliable material characterisation and surface testing. It is of crucial importance for process and quality control as well as for component and tool development. As a leading manufacturer of measuring and testing equipment for sheet metal, paints and similar coatings, we constantly incorporate all our experience and knowledge in this specialised field into our products. The results are sophisticated, optimised devices. They meet the requirements of internationally established, standardised test methods or those defined according to customer specifications.

Am Iserbach 14
58675 Hemer
North Rhine-Westphalia
Germany
www.erichsen.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

n/a

Funding

n/a



Blechprüfung



Oberflächenprüfung



Korrosionsprüfung



Materialprüfung

About this organisation

Main areas covered	Determination of material characteristics, Determination of surface properties, Systems for corrosion testing, General material testing
Infrastructure	Production of measuring & testing equipment
Certifications	DIN EN ISO 9001
Keywords	Sheet metal testing, Surface inspection, Corrosion testing, Material testing, Measuring and testing devices
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants, Software & databases	✓	✓	✓
Services & consulting Testing and trials, Validation, 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>			
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), System analysis, Environmental simulation, Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	✓
Modelling and simulation Crash behaviour, Loads & stress, Structural mechanics, Materials, Reliability validation	✓	✓	✓
<i>Plant construction & factory automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Galvanising, Painting, Plasma process, Powder coating, Hot dipping, Sputtering	✓	✓	✓
<i>Fibre composite technology</i>			
Forming Bending, Impact extrusion, Compression moulding, Forging, Extrusion moulding, Stretch forming, Thermal converting, Deep-drawing, Fluid active media based forming, Rolling	✓	✓	✓
Joining Welding	✓	✓	✓
Material property alteration Mechanical treatment, Thermomechanical treatment, Heat treatment	✓	✓	✓
<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			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium	✓	✓	✓
Plastics Thermoset plastics, Elastomers, Thermoplastics	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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