

INPECA GmbH - a company of the BÖLLINGER GROUP

About this organisation

Machine translation

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

THE SPECIALISTS FOR PROTOTYPES AND NICHE SERIES MADE OF LIGHT METAL The BÖLLINGER GROUP with its companies HPP, KONCAST and INPECA specialises in the production of innovative prototypes, development parts as well as niche and special series volumes made of light metal - primarily in the field of drive technology.

Additive manufacturing (SLM process) - INPECA Aluminium sand casting (low-pressure sand casting) - KONCAST Production technology (casting processing, solid material processing) - HPP Engineering, component development, project management, materials technology, logistics

F.-W.-Raiffeisenstraße 15
52531 Übach-Palenberg
North Rhine-Westphalia
Germany

www.boellinger-group.com/home/inpeca.html



Organisation type

Small or medium-sized enterprise

Sectors



Employees

250 up to 499

Turnover

€10m - €50m

Funding

n/a

INPECA

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Main areas covered	Production of complex components
Infrastructure	3D printing metal / LPBF technology, High-performance machining, Aluminium sand casting, Measurement technology / Scan technology, Engineering, heat treatment
Certifications	ISO 9001
Keywords	Additive manufacturing, 3D printing, special series, Prototypes, measurement technology, Machining technology, engineering, Aluminium sand casting
Memberships	VDA, Space2Motion

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Systems and end products		✓	✓
Services & consulting Consulting, Distribution, Testing and trials, Engineering, Prototyping, Validation		✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts		✓	✓
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis		✓	✓
Modelling and simulation Optimisation, Materials		✓	✓
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing, Selective laser melting (SLM, LPBF, ...), Selective laser sintering (SLS)		✓	✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
Joining Adhesive bonding, Screwing, Welding			✓
Material property alteration Mechanical treatment, Heat treatment		✓	✓
Primary forming Casting		✓	✓
Processing and separating Drilling, Turning, Milling, Electrical discharge machining, Honing, Sawing, Grinding, Cutting		✓	✓
<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, Steel, Titanium			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts	
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