

# 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](http://www.boellinger-group.com/home/inpeca.html)

BÖLLINGER GROUP

### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

250 up to 499

### Turnover

€10m - €50m

### Funding

n/a

INPECA

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## About this organisation

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

## Overview of lightweighting expertise

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

## Overview of lightweighting expertise

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

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## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<b>Additive manufacturing</b> 3D printing, Selective laser melting (SLM, LPBF, ...), Selective laser sintering (SLS)		✓	✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<b>Joining</b> Adhesive bonding, Screwing, Welding			✓
<b>Material property alteration</b> Mechanical treatment, Heat treatment		✓	✓
<b>Primary forming</b> Casting		✓	✓
<b>Processing and separating</b> 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
<b>Material</b>			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
<b>Metals</b>		✓	✓
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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