

Photon Laser Manufacturing GmbH

About this organisation

Machine translation

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

With comprehensive expertise and a wide range of proven and pioneering technologies, Photon develops, optimises and produces sheet metal components and assemblies of almost any size and complexity with a focus on mobility. Photon also designs, develops and manufactures its own innovative products and solutions for railway and automotive infrastructure and telecommunications at its Meissen site.

Photon offers a wide range of sheet metal processing services and manufactures sheet metal parts, housings and sheet metal assemblies of almost any size and complexity. The company specialises in laser beam joining (laser beam welding, laser beam soldering) and deep drawing.

Staakenerstr. 53-63

13581 Berlin

Berlin

Germany

www.photonag.com/

Main areas covered

Infrastructure

Certifications EN 15085-2 CL1

Keywords

Memberships Mobility goes additive



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

€10m - €50m

Funding

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Tools and moulds		✓	✓
Services & consulting Consulting, Engineering, Technology transfer	✓	✓	✓
Field of technology			
Design & layout Lightweight manufacturing, Lightweight construction concepts	✓	✓	✓
<i>Functional integration</i>			
Measuring and testing technology Visual analysis (e.g. microscopy, metallography), Non-destructive analysis			✓
<i>Modelling and simulation</i>			
Plant construction & automation Plant construction, Automation technology, Robotics	✓	✓	
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing, Deposition welding	✓	✓	
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
Forming Bending, Deep-drawing		✓	✓
Joining Soldering, Welding		✓	✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating 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, Magnesium, Steel, Titanium			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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