

# LMPv LeichtMetall Produktion & Verarbeitung GmbH

## About this organisation

### Machine translation

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

LMPv - Leichtmetall Produktion & Verarbeitung GmbH is, by definition, an affiliated company with a production facility for new, ultra-lightweight metallic materials. It is the youngest subsidiary of the MTW GmbH Group based in Dermbach, Thuringia. We develop innovative solutions made of non-ferrous metals for customers in the aerospace, medical technology, mechanical engineering and automotive engineering sectors.

LMPv GmbH develops various Mg-based alloys for different fields of application. Examples of LMPv's tasks include MagAir (development of an economically attractive process for producing a particle composite based on a magnesium alloy for structural applications in aircraft interiors), the development of innovative lightweight system solutions with magnesium alloys for transport technology and MagHyM (development of corrosion- and fire-resistant structural components made of magnesium hybrid materials for civil aircraft construction).

Untere Röde 13  
36466 Dermbach  
Thuringia  
Germany  
[www.lmpv.de](http://www.lmpv.de)

**Main areas covered** Mg alloy development, Hot forging, Melting, Rolling of sheets and plates, Cutting sheet metal and panels to size

### Infrastructure

### Certifications

**Keywords** Mg alloy development, Mg alloy modification, Mg semi-finished products, Mg drop forgings

### Memberships



### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

50 up to 249

### Turnover

More than €50m

### Funding

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Semi-finished parts, Materials		✓	✓
<b>Services &amp; consulting</b> Testing and trials	✓	✓	
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Hybrid structures	✓		
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<b>Forming</b> Forging, Rolling			✓
<i>Joining</i>			
<i>Material property alteration</i>			
<b>Primary forming</b> Casting, Others (Belt moulding)			✓
<b>Processing and separating</b> Milling, Cutting			✓
<i>Textile technology</i>			

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## 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>			
<b>Magnesium</b>			✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

## Contacts

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