

EconHP Holding GmbH

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About this organisation

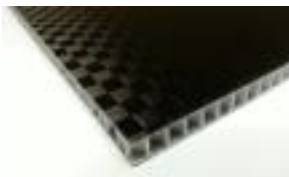
Machine translation

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

EconHP Holding GmbH is the majority shareholder of EconCore N.V., the technology leader for cost-efficient sandwich materials. EconHP brings honeycomb technology back to its origins. The production site for polypropylene (PP) honeycomb cores, ThermHex Waben GmbH, is located in Halle an der Saale.

Sandwich materials with honeycomb cores offer excellent material properties and open up enormous weight and cost-saving potential in many fields of application, which could not be fully utilised until now due to the high manufacturing costs of such materials. With monolithic construction, an increase in component thickness leads to an increase in weight and material costs. Sandwich construction utilises the fact that the centre plane of a bending-loaded component does not absorb any stresses in the plane and does not form the surface of the component. The centre layer can therefore be made of a different, lighter and/or more cost-effective material. Sandwich construction takes into account these different requirements for the centre layer (core) and the surfaces (cover layers) of a component. The optimised selection of the different material layers and their thicknesses enables the weight and cost-specific component properties to be increased.

Geiststraße 21
06108 Halle
Saxony-Anhalt
Germany
www.econhp.de



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

Up to 9

Turnover

n/a

Funding

n/a

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About this organisation

Main areas covered

Honeycomb cores, honeycomb core panels, Sandwich material

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

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Research Development **Manufacturing & Supply**

Offer

Products

Services & consulting

Field of technology

Design & layout

Functional integration

Measuring and testing technology

Modelling and simulation

Plant construction & automation

Recycling technologies

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
Plastics			
Thermoplastics	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

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Contacts

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