

H+E Product Development GmbH

EDELSCHMIED / HUSKI

About this organisation

Machine translation

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

H+E stands for Holistic Engineering. This means full service along the entire value chain. Our expertise in sophisticated process automation accompanies you from the initial idea through the entire research and development process to series production. With almost 20 years of experience in 3D metal printing, we have been on the market with 3D design and various manufacturing processes since 1995 and are your reliable partner.

We have extensive experience in additive manufacturing - 3D metal printing (LPBF) since 2005. With our generative laser melting process, we offer you tool-free and topology-optimised production of even complex objects from a wide range of metal materials. This saves material, weight, time and money. As specialists in the design, development and production of complex geometries using 3D metal printing, we provide you with expert advice and comprehensive support from the initial idea to the finished product. On your behalf, we take over the measurement / 3D scan, as well as the production and final surface finishing of your product. That is H+E full-service engineering. Process-specific development and design Workshop on 3D design Data preparation 3D metal printing CNC post-processing for high-precision requirements Surface finish

Boxdorf, Kunzer Marktweg 13
01468 Moritzburg
Saxony
Germany
www.hedd.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

€2m - €10m

Funding

n/a

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About this organisation

Main areas covered	Product development (H+E), Research + Development (H+E), 3D metal printing (noble forging), Special machine construction (HUSKi)
Infrastructure	3D metal printing process chain
Certifications	ISO 9001
Keywords	Huski, Intralogistics, 3D printing, additive manufacturing, LPBF
Memberships	DBSV Working Group German Yachts, VDMA, BVMW, ACL (Academic Club Lightweight Construction), AMZ

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Machines and plants			✓
Services & consulting Consulting, Engineering, Prototyping, Simulation	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures	✓	✓	✓
Functional integration Media conductivity, Material functionalisation	✓		✓
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), System analysis, Non-destructive analysis			✓
Modelling and simulation Loads & stress, Optimisation, Processes, Materials		✓	✓
Plant construction & automation Plant construction, Automation technology, Handling technology	✓	✓	✓
Recycling technologies Material separation, Recycling, Upcycling	✓		✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing, Selective laser melting (SLM, LPBF, ...)	✓	✓	✓
Coating (surface engineering) Plasma process	✓		
<i>Fibre composite technology</i>			
<i>Forming</i>			
Joining Riveting, Screwing, Welding			✓
Material property alteration Heat treatment			✓
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Sawing, Grinding			✓
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Wood	✓		
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Electrorheological/magnetorheological fluids	✓		
Metals			
Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium	✓	✓	✓
Plastics			
Elastomers, Thermoplastics		✓	
Structural ceramics			
(Technical) textiles			

Contacts

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Contacts

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