

HDO Druckguss- und Oberflächentechnik GmbH

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About this organisation

Machine translation

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

The HDO Group specialises in the production of high-quality, decorative zinc, magnesium and aluminium die-cast parts and assemblies as well as technically sophisticated structural components. With 50 years of experience in die casting and surface technology, we are a recognised development partner for the international sanitary, automotive and household goods industries.

Production of cast parts made of magnesium, aluminium and zinc alloys in weight-optimised geometry. Integration of functions to reduce the number of components in assemblies up to batch size 1.

Halberstädter Straße 7-13
33106 Paderborn
North Rhine-Westphalia
Germany
www.hdo-gmbh.com



Organisation type

Large enterprises

Sectors



Employees

500 and more

Turnover

More than €50m

Funding

n/a

Main areas covered

Die-cast aluminium, Magnesium die casting, Optimisation of casting design

Infrastructure

Hot and cold chamber systems, Filling and solidification simulation

Certifications

IATF 16949:2016, DIN EN ISO 14001:2015, DIN EN ISO 50001:2018

Keywords

Die casting, Electroplating, Cast lightweight construction, Paintwork, Surface treatment

Memberships

BDG, ZVO, DGO

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Systems and end products		✓	✓
Services & consulting Training, Prototyping		✓	✓
Field of technology			
Design & layout Lightweight manufacturing		✓	✓
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis			✓
Modelling and simulation Optimisation, Processes		✓	✓
<i>Plant construction & automation</i>			
Recycling technologies Recycling			✓

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Galvanising			✓
<i>Fibre composite technology</i>			
<i>Forming</i>			
Joining Adhesive bonding, Screwing			✓
<i>Material property alteration</i>			
Primary forming Casting			✓
Processing and separating Drilling, Turning, Milling			✓
<i>Textile technology</i>			

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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, Others (Zinc)			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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