

TEGISA Giessereianlagen und Industrieöfen GmbH

About this organisation

Machine translation

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

TEGISA GmbH is a company for the development, planning and construction of foundry systems for non-ferrous metals and iron/steel casting. The special focus is on the inductive heating of furnace systems. Both crucible inductors and channel inductors are calculated, built and commissioned. The range of services includes the construction of furnaces for melting, holding or casting as well as the modernisation of existing systems.

Melting, holding and casting furnaces are offered for various alloys, particularly in the aluminium sector. The higher the technical process requirements, the more suitable these customised systems are. One focus is the use of low-pressure casting (LP casting). LP technology is used both for transferring metals between furnace systems and for precise dosing according to specified pressure curves. Both air and gases (e.g. nitrogen, argon) can be used.

Robert-Perthel-Str. 64-66
50739 Köln
North Rhine-Westphalia
Germany
www.tegisa.de

Main areas covered Induction furnaces, Planning, consulting foundry technology, Plant modernisation

Infrastructure

Certifications

Keywords Induction crucible furnace, Induction channel furnace, Inductors

Memberships



Organisation type

Small or medium-sized enterprise

Sector



Employees

Up to 9

Turnover

n/a

Funding

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Consulting, Engineering, Maintenance and repair		✓	✓
Field of technology			
<i>Design & layout</i>			
Functional integration Actuator technology, Media conductivity, Sensor technology		✓	✓
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & automation Plant construction, Automation technology, Handling technology		✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Casting, Sintering		✓	✓
Processing and separating			
Textile technology			

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

Contacts

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Contacts

Mr Dipl.-Ing. Lutz Heinen

Managing Director

lutz.heinen@tegisa.de