Innovation

About this organisation

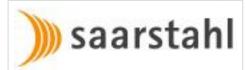
Machine translation

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

With its sites in Völklingen, Burbach and Neunkirchen, Saarstahl AG is one of the most important manufacturers of long products in the world. The product portfolio includes wire rod, bar steel, crude steel and semi-finished products.

Due to CO2 restrictions, massive lightweight construction is more important than ever before. Against this background, Saarstahl is developing steels with ever higher strengths. In addition to the further development of established steel grades, completely new grades are also being developed. The focus here is primarily on bainitic steels, which are characterised by a good combination of strength and ductility. However, the mechanical properties of common steel grades are also being further improved, e.g. through the use of soft reduction (MSR) in the casting process or thermomechanical rolling. This means that the load-bearing capacity can be improved simply by the process control without changing the steel composition.

Bismarckstraße 57-59 66333 Völklingen Saarland Germany ☑ www.saarstahl.com



Organisation type

Large enterprises

Sectors





Employees

500 and more

Turnover

More than €50m

Funding

n/a



leichtbauatlas.de Page 1 of 5

Innovation

About this org	ganisation
Main areas covered	Quenched and tempered steels, case-hardening steels, AFP steels, chain steels, Rolling bearing steel, spring steel, Steel cord, cold heading steels, Prestressing steel
Infrastructure	
Certifications	ISO 9001, IATF 16949, ISO 50001, ISO 14001, ISO 45001
Keywords	
Memberships	German Steel Federation, FOSTA, Eurofer

Overview of lightweighting expertise Machine translation This organisation has been machine-translated based on data provided in German. Manufacturing Research Development & Supply Offer Products Semi-finished parts, Materials Services & consulting Others (Material development / optimisation)

leichtbauatlas.de Page 2 of 5

Innovation

Overview of lightweighting expertise **Machine translation** This organisation has been machine-translated based on data provided in German. Manufacturing **Development** & Supply Research Field of technology Design & layout Functional integration Measuring and testing technology Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Nondestructive analysis Modelling and simulation Processes, Materials Plant construction & automation Recycling technologies Manufacturing process Additive manufacturing Coating (surface engineering) Fibre composite technology Forming Rolling Joining Material property alteration Heat treatment **Primary forming** Processing and separating Textile technology

leichtbauatlas.de Page 3 of 5

Innovation

Overview of lightweighting expertise

Machine translation

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals Steel	~	✓	✓
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

Machine translation

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leichtbauatlas.de Page 4 of 5

Innovation

Contacts				
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leichtbauatlas.de Page 5 of 5