

About this organisation

Machine translation

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

We are a medium-sized company specialising in the development, manufacture and sale of precision tools with ultra-hard cutting materials.

As a leading manufacturer of tools with lasered cutting edges, we offer machining solutions in the areas of turning, milling, grooving, drilling, reaming and tool holders. In order to be able to economically machine ultra-hard cutting materials such as PCD, CVD-D, UltraDiamond (binderless) and CBN on precision tools, we recognised early on that we had to evolve from the old production technology of "grinding" to new technologies such as the "laser ablation process". Our customers now recognise us as the leading manufacturer of lasered tools for metal cutting. Ultra-hard high-performance cutting materials have a key function in metal-cutting production. Precision tools equipped with ultra-hard cutting materials are products that require a great deal of explanation. The economical use of cutting materials is only guaranteed if the machining process and the cutting material are harmonised with each other.

Hans-Geiger-Str. 11a
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Rhineland-Palatinate
Germany
www.diamond-toolingsystems.com

Main areas covered Diamond and CBN tools

Infrastructure

Certifications

Keywords

Memberships



DTS GmbH
Deutschland

Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

€2m - €10m

Funding

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting			
Consulting, Testing and trials, Engineering, Prototyping, Technology transfer, Maintenance and repair	✓	✓	✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
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>			

Overview of lightweighting expertise

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**Research Development Manufacturing
& Supply**

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

Contacts

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