About this organisation

Machine translation

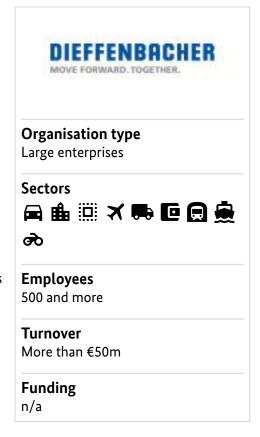
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Dieffenbacher is a globally active group of companies that manufactures hydraulic presses and complete production systems for the wood-based panel industry, the automotive industry and its suppliers. As a general contractor and system supplier of turnkey plants, Dieffenbacher offers a wide range of production processes for processing fibrereinforced plastics, covering the entire field of composites.

Dieffenbacher offers processes such as Long Fibre Thermoplastic Molding, Sheet Molding Compound or High-Pressure Resin Transfer Molding. This includes a fully automated turnkey production line including a preform centre for the economical mass production of carbon components using the high-pressure RTM process. With the Fiberforge, Dieffenbacher offers the fastest tape laying system in the world. Production lines for hybrid components and systems for the wet pressing process complete the product portfolio, and Dieffenbacher supplies everything from a single source, from the hydraulic press and complete automation to the resource-saving production of semifinished products using the direct process. Dieffenbacher is the market leader in the field of production systems for the composites industry and a driving force in process development and system integration. Close co-operation with independent research institutes provides customers with laboratory capacity for the production of sample components.

Heilbronner Str. 20 75031 Eppingen Baden-Württemberg Germany

☑ www.dieffenbacher.de



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About this organisation Main areas covered laying system Infrastructure Technical centre Certifications ISO 9001 Keywords Composites, Lightweight construction, Hybrid, CFRP production lines, LFT production lines Memberships

Overview of lightweighting expertise Machine translation This profile has been machine-translated based on data provided in German. Manufacturing Research Development & Supply Offer Products Machines and plants Services & consulting

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Overview of lightweighting expertise **Machine translation** This profile has been machine-translated based on data provided in German. Manufacturing Research Development & Supply Field of technology **Design & layout** Lightweight manufacturing, Hybrid structures Functional integration Measuring and testing technology Modelling and simulation Plant construction & factory automation Plant construction, Automation technology, Handling technology, Robotics Recycling technologies Manufacturing process Additive manufacturing Coating (surface engineering) Fibre composite technology Resin transfer moulding, Pre-preg processing **Forming** Compression moulding, Thermal converting Joining Material property alteration **Primary forming** Processing and separating Textile technology

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Overview of lightweighting expertise **Machine translation** This profile has been machine-translated based on data provided in German. Manufacturing Research Development & Supply Material Biogenic materials Cellular materials (foam materials) **Composites** Glass-fiber reinforced plastics (GFRP), Carbonfiber reinforced plastics (CFRP), Metal matrix composite **Fibres** Functional materials Metals **Plastics** Thermoset plastics, Thermoplastics Structural ceramics (Technical) textiles Yarns, rovings, Laid webs, Woven fabrics, Nonwovens, mats

Contacts

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