

Press Release



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TRUMPF technology taking the lead in the mass production of electric cars

Many decades of experience in high-tech manufacturing combined with the breadth of its technology base and its huge commitment to R&D puts TRUMPF in a unique position to support emerging trends with the best possible production solutions. E-mobility is a great example and at Advanced Engineering 2019 the company will showcase the scope of its involvement in this field.

In a short space of time TRUMPF has been able built-up a worldwide network of experts entirely dedicated to this subject, adapted part of its product and technology portfolio to its demands and simultaneously embarked on a series of new development projects, often in partnership with existing industry players and market newcomers.

This agility has resulted in a huge surge in demand for TRUMPF solutions for e-mobility applications. Battery manufacturing alone already accounts for 10% of the company's turnover in the automotive sector; more than 500 TRUMPF lasers have already been installed worldwide for this purpose. Indeed, its lasers are proving ideal for the mass production of batteries, high-power electronic systems and electric drives.

Visitors to Advanced Engineering will learn about the latest TRUMPF developments for e-mobility that range from laser techniques that can weld all the seams on an electric motor in just one minute to its TruConnect solutions. These allow the entire production process to be digitised: from initial customer queries to invoicing and from raw material ordering to finished product dispatch.

Mass production of any product, be it consumer-based or industrial, commonly involves marking for tracking and traceability. TRUMPF laser marking is the ideal solution. Whether the requirement is for digits, text or codes, the technology is a non-contact wear-free method that can easily mark all these elements and more, for a wide range of industries.

At the show TRUMPF will be introducing a newcomer to its range, the TruMark Station 5000, which is well-suited to marking average to large batch sizes and components. It provides many options for simple operation and for a wide variety of workpieces. A choice of accessories allows the machine to be configured for the specific applications.

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