



Smart Manufacturing Technology Ltd.

Company Description

Established in 2002 in Nottingham, UK, Smart Manufacturing Technology (SMT) is a globally recognized leader in the field of powertrain and transmission engineering. Over the past two decades, the company has grown from a specialized group of passionate engineers into a major international enterprise with over 100 employees, proudly supporting world-leading OEMs and Tier 1 suppliers. SMT provides its unparalleled expertise across a wide array of industries, including automotive, heavy commercial vehicles, aerospace, renewable energy (such as wind turbines), marine, and rail sectors. Through its global network, including its dedicated subsidiary SMT JAPAN Ltd. in Kawasaki, SMT offers immediate and localized support to engineers pushing the boundaries of mechanical and electrical design.

At the core of SMT's success is its flagship product, MASTA. MASTA is a next-generation CAE (Computer-Aided Engineering) software solution that provides a comprehensive, single-interface platform for the design, analysis, and optimization of transmissions, electric machines, and fully electrified powertrains. It empowers engineers to rapidly evaluate gear durability, significantly reduce NVH (Noise, Vibration, and Harshness), and maximize overall system efficiency. By streamlining the development process, MASTA helps organizations drastically reduce their time-to-market and prototyping costs. This allows clients to refocus their invaluable expertise and resources on what truly matters: delivering category-beating innovations to the market.

Beyond software development, SMT stands out as a premium provider of engineering and consulting services. Their highly skilled engineers work hand-in-hand with clients to overcome complex challenges, such as integrating electric motors into novel drivetrain architectures or troubleshooting sophisticated wind turbine gearboxes. Driven by a mission to help customers win and a commitment to continuous innovation, SMT places integrity and quality at the heart of everything it does. Through robust technical support, continuous software evolution, and deep-rooted industry partnerships, Smart Manufacturing Technology remains dedicated to shaping the future of global powertrain development.

Company Details

Head Office

United Kingdom

Main Business

ギアシステム、トランスミッション、電動モータおよび電動化パワートレインの設計・解析・最適化を行う次世代CAEシミュレーションソフトウェア「MASTA」の開発・提供。ならびに、各種産業における高度なエンジニアリング・コンサルティングサービスの提供。自動車、大型商用車、建設機械、航空宇宙、エネルギー（風力タービン等）、船舶、鉄道など幅広い産業分野へソリューションを展開しています。

President

ユーアン・ウーリー

Established

2016年4月（日本法人）

Capital

5.1 百万円

Number of Employees

1 - 10

URL

<https://www.smartmt.com/ja/smt-smart-manufacturing-technology/>

Offices

Main Office

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