

News Release

Yamaha Robotics delivers complete surface-mount line to Astemo UK

Yamaha Robotics has supplied its 1 STOP SMART SOLUTION for surface-mount assembly to Astemo UK, Ltd. The company, based in Bolton, is the UK manufacturing centre for Astemo, a Tokyo-headquartered global mobility solutions provider in the automotive industry, developing advanced and sustainable technologies. The latest investment at the Bolton site, in the north of England, enhances the company's facilities for delivering advanced systems.

The new Yamaha Robotics, state-of-the-art line will support production of electronic assemblies, enabling the company to work sustainably and set the pace in their field.

The Yamaha SMT Line-up

The 1 STOP SMART SOLUTION comprises Yamaha's advanced printing, dispensing, mounting, and inspection machines, with smart-factory software tools and accessories. Bringing together everything needed to operate one or multiple surface-mount lines, the solution also ensures efficient access to maintenance and support from a single supplier. The machines are designed to be easily setup and integrated inline to help users get started quickly and maintain productive workflows in day-to-day operation.

Integration and Interaction

All Yamaha machines in the 1 STOP SMART SOLUTION share the same software platform, which delivers advantages such as their consistent user interface that means operator training and ramp up can be accomplished very quickly. The machines also exchange data efficiently with productivity applications such as the on-board quality assurance tool and the mobile judgement app that help operators quickly diagnose and fix the causes of assembly defects to minimize their impact on production.

Connecting directly with Yamaha YSUP intelligent factory tools facilitates programming, monitoring, materials management, and traceability. Auto program generation tools quickly produce printing, mounting, and inspection programs that help accelerate new product introductions.



The 1 STOP SMART SOLUTION includes equipment for printing, dispensing, mounting, solder-paste inspection, and 3D AOI.

Pierre Williams, Area Sales Manager SMT Section at Yamaha Robotics Europe, comments, "Astemo is at the cutting edge of sustainable production. I am delighted that the team has chosen to work with Yamaha Robotics."

About Yamaha Robotics SMT Section

Yamaha Surface Mount Technology (SMT) Section, a subdivision of Yamaha Motor Robotics Business Unit in Yamaha Motor Corporation, produces a complete selection of equipment for high-speed inline electronic assembly. This 1 STOP SMART SOLUTION includes solder paste printers, component mounters, 3D solder paste inspection machines, 3D PCB inspection machines, dispensers, and management software.

Bringing the Yamaha way to electronics manufacturing, these systems prioritize intuitive operator interaction, efficient coordination between all inline processes, and modularity enabling users to meet the latest manufacturing demands. Group competencies in servo-motor control and image recognition for vision (camera) systems ensure extreme accuracy with high speed.

The current product line includes the latest YR equipment generation, with advanced automated features for programming, setup, and changeovers, and new YSUP management software with state-of-the-art graphics and built-in data analytics.

Combining design and engineering, manufacture, sales, and service competencies, Yamaha SMT Section ensures operational efficiency and easy access to support for customers and partners. With regional offices in Japan, China, Southeast Asia, Europe and North America, the company provides truly global presence.

<https://smt.yamaha-motor-robotics.eu>
www.yamaha-motor-robotics.eu

About Astemo

Astemo, headquartered in Tokyo, Japan, is a joint venture between Hitachi, Ltd., Honda Motor Co., and JIC Capital, Ltd. With 80,000 employees worldwide and operations in Americas, Asia, China, Europe and Japan, the company is a global mega-supplier in the automotive industry. The Electrification Business Division, Vehicle Business Division, and Motorcycle Business Division are engaged in the development, manufacture, sales, and service of automotive parts as well as transportation and industrial machinery and systems. Astemo is committed to creating a sustainable society and delivering enhanced corporate value.

For more information, visit: www.astemo.com

About Astemo UK

Founded in 1997, Astemo UK, Ltd. is part of Astemo Europe and the Astemo Group. The plant located in Bolton, Greater Manchester is a manufacturing plant of automotive components. With around 120 employees, the plants' core business is the manufacture of Advanced Driver Assistance Systems and Power Electronics products for leading car makers around the world. With a commitment to quality, innovation and sustainability, Astemo UK is recognized for its on-site technical expertise and engineering capability in EV components.