

News Release

Yamaha to highlight on-the-fly vision for faster robotic automation at Motek 2019

Booth to feature broad portfolio of solutions to simplify and streamline process automation

Yamaha Motor Europe Factory Automation Section will demonstrate technologies to accelerate robotic processes, including on-the-fly visual inspection and alignment, at Motek in Stuttgart, 7-10 October 2019.

Yamaha's on-the-fly vision draws on technologies perfected in precision surface-mount electronics assembly to inspect and align picked parts at full speed, greatly reducing tact time of processes like palletizing, de-palletizing, and mechanical assembly. The demonstration will run on the competitively priced YK-400XR SCARA robot and contrast the high-speed system with conventional vision to highlight the potential time savings and productivity advantages.



Yamaha Pic. 1: Yamaha's on-the-fly vision boosts speed and efficiency

Visitors to the booth, no. 7328 hall 7, can find out more about the linear, multi-axis, cartesian, and SCARA robots from Yamaha, available in many sizes and configurations including special cleanroom variants. Together, they create a unique single-vendor opportunity to simplify and streamline system integration. The complete portfolio includes drivers and controllers including the advanced RCX340, the unique LCM100 programmable linear conveyor module, iVY plug-and-play vision systems, and accessories including electric grippers and high-megapixel cameras with flexible lens options.



Yamaha Pic. 2: The affordable YK400XR for cost-conscious robotic automation

Yamaha specialists based at the company's European office in Neuss, Germany will be available throughout the fair to discuss everything from first assessment to programming and maintaining robotic automation for all types of applications in manufacturing, packaging, logistics, and more.

For more information please visit Yamaha's website at <https://www.yamaha-motor-im.de/en/fa/>.

ABOUT YAMAHA FA Section

Yamaha Factory Automation Section (FA Section), a subdivision of Yamaha Motor Robotics Business Unit in Yamaha Motor Corporation, is focused on delivering flexible, high-accuracy industrial robots for precision automation challenges.

With its roots in the introduction of robot technology to Yamaha motorcycle assembly activities, the division has over 40 years' experience solving automation challenges from factory-scale to micron-level. Yamaha's industrial robots are now trusted by leading corporations worldwide, in activities as diverse as semiconductor fabrication and assembling electronic products, domestic appliances, automotive components, and large liquid-crystal panels.

Yamaha FA Section offers a unified range of solutions for robotic assembly, including single-axis robots, SCARA, cartesian, and articulated robots. Innovations such as the LCM100 linear conveyor module; a smoother, space-saving and more versatile successor to conventional belt and roller conveyors continue to set the pace in factory automation. Core robotic technologies as well as key components and complete robot systems are all produced in-house, ensuring consistent quality and control over lead-times.

Headquartered in Hamamatsu, Yamaha FA Section serves customers globally through its worldwide sales network spanning China, Taiwan, Korea, south Asia, north America, Australia/New Zealand, and Europe.

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