

News Release

SCARA robot "YK400XE" is newly launched

Increase of the payload and reduction of the cycle time are achieved.

Yamaha Motor Europe FA Section will release new SCARA robot "YK400 XE" (with an arm length of 400 mm) on September 17, 2019.



This "YK400XE" is a successor model of the conventional model "YK400XR" that features high accuracy and high performance even at a less expensive price. The maximum payload is 4 kg that is 1.4 times larger than the conventional model and the standard cycle time is reduced approx. 10% to achieve 0.41 sec. by strengthening the drive system and arm, increasing the rigidity, and improving the performance of the controller "RCX340". As a result, the production capacity is much improved.

Even when the maximum payload is increased and the operating performance is improved, the high cost performance is achieved. In addition, as the installation position is fully compatible with the conventional model, the replacement work can be performed easily.

This product will be exhibited at Yamaha's booth 7328 in hall 7 at Motek Show 2019 from 7th – 10th October 2019 in Stuttgart, Germany.

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.

www.yamaha-motor-im.eu