

**RELIABLE
PERFORMANCE
AT A REASONABLE PRICE**


NEW

YE4 / YE10 YE series

You can choose from 4 different arm lengths



400 mm

510 mm

610 mm

710 mm



YK-XE series

We achieved further cost reductions based on the RCX340.



NEW YE4/YE10 Compatible Controllers RCX440

- We replaced the rotary sensor from a resolver to an encoder. This improves sensor resolution while reducing costs by minimizing the number of components.
- Since existing support software and programming boxes can continue to be used, there is no need to purchase additional control support tools, enabling a low-cost and seamless implementation.

Inquiry



WEB

<https://www2.yamaha-motor.co.jp/en/robot/inquiryen/noinqinput>

Cost-effective SCARA robot Features

YE series Controller: RCX440 **NEW**

Model	Arm length(mm)	Maximum payload(kg)	Standard cycle time(sec) ^{※1}
YE4-40	400	4	0.40
YE10-51	510	10	0.36
YE10-61	610		0.38
YE10-71	710		0.42

※1 Common to all models, operating conditions: When reciprocating 300mm in horizontal and 25mm in vertical directions and performing the coarse positioning arch operation.

YK-XE series Controller: RCX340

Compliance with international standards **CE** **KCs**

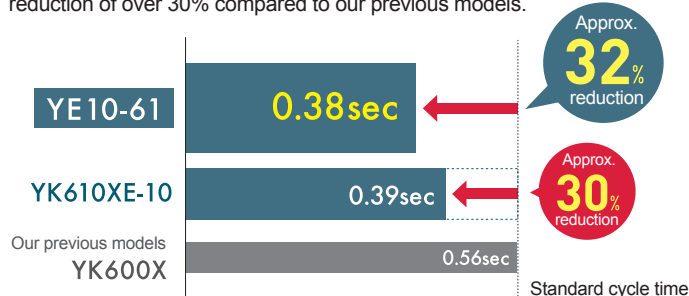
Model	Arm length(mm)	Maximum payload(kg)	Standard cycle time(sec) ^{※2}
YK400XE-4	400	4	0.41
YK510XE-10	510	10	0.38
YK610XE-10	610		0.39
YK710XE-10	710		0.42

※2 Common to all models, operating conditions: When reciprocating 300mm in horizontal and 25mm in vertical directions and performing the coarse positioning arch operation.

Features of the YE/YK-XE series

Combines high performance with low cost

The arm structure, designed to minimize vibration, and optimized motion control enable high-speed operation, resulting in a cycle time reduction of over 30% compared to our previous models.



Easy to use when combined with a multifunction controller

When combined with the RCX340/RCX440 multifunction controllers, this system can handle a wide variety of applications. By using the "RCXiVY2+" robot-integrated vision system, you can easily add image processing capabilities and build advanced production systems. A full range of control support tools, such as support software and programming boxes, is also available.



Robot vision system
"RCXiVY2+"



Programming box
"PBX/PBX-E"



Support software
"RCX-Studio 2020"

Making on-site installation and maintenance easier

We offer a variety of options designed to help streamline on-site operations.

From simplifying wiring and piping work to on-site adjustments and maintenance inspections, these options help reduce the workload on technicians and shorten equipment startup time.

● "Through-Hole Shaft" and "Through-Hole Cap"

Options Available

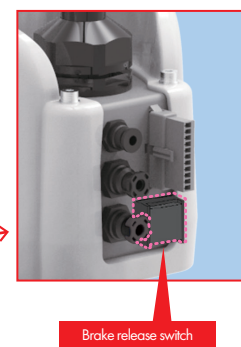
This is an option that makes it easy to route air lines and wiring. These options eliminate the need to design and manufacture brackets for cable and tubing routing, making routing layout and installation easier. Routing cables and tubing through the robot body also helps reduce the risk of cable damage during operation.



● Brake release switch

Options Available

When the robot is in an emergency stop condition, pressing and holding the brake release switch releases the Z-axis brake, allowing the Z-axis to be moved up and down manually. Releasing the switch re-engages the brake. This feature improves convenience during installation and adjustment.



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