Seamless Integration

Free Custom Yamaha Add-On Instructions For Allen-Bradley PLCs

YRG ROBOTICS

YAMAHA

- **New** *simple Single AOI for TS Controllers*
- *Seamless integration using custom Yamaha AOIs*
- *Simple drag and drop ladder programming with Allen Bradley RS Logix 5000*
- *Teach and replay points in a Yamaha robot using your own HMI*
- *For more information, visit www.yrginc.com/AOI*

EASY!

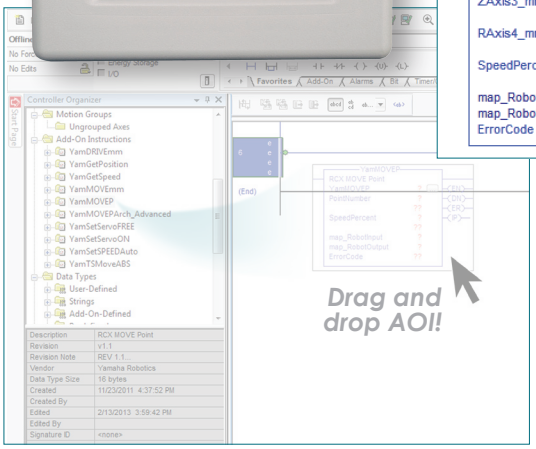
No CIP motion required!

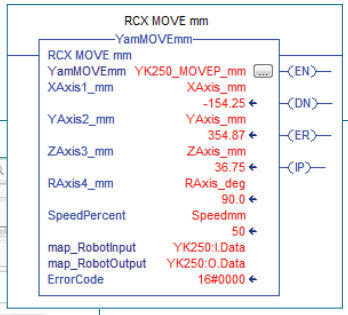
AOI IBC

Seamless Integration

Free Custom Yamaha Add-On Instructions For Allen-Bradley PLCs

Compact Logix
or Control Logix

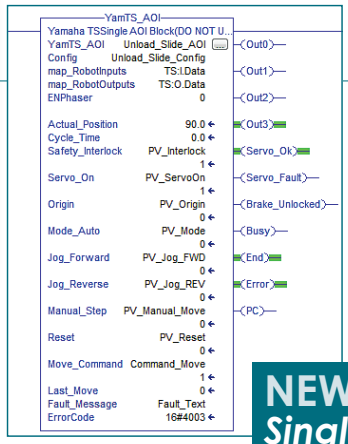


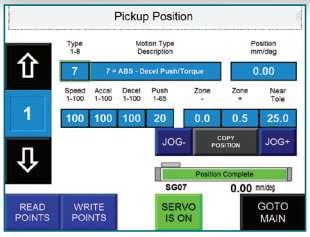


EtherNet/IP™

Ladder Logic Integration

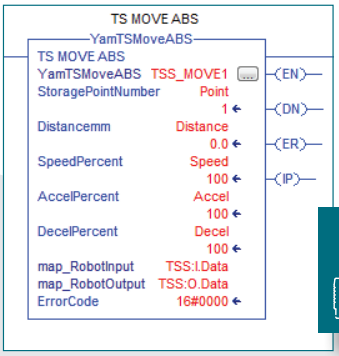
- Seamless integration using custom Yamaha AOIs
- Simple drag and drop ladder programming with Allen Bradley RS Logix 5000
- Teach and replay points in a Yamaha robot using your own HMI
- Control Yamaha robots with RS Logix 5000 - no new training necessary
- Yamaha AOIs are exclusive to Allen Bradley 5000 series PLCs
- Tag-based AOI instructions directly move SCARA robots with Cartesian inputs
- Extensive library of 100+ AOI function blocks available for the RCX and TS family controllers

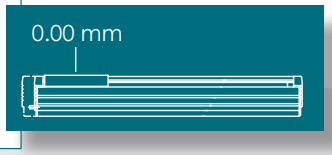


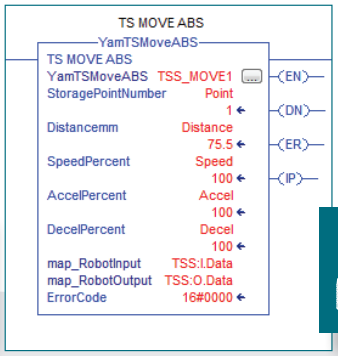


Includes Panel View Faceplates

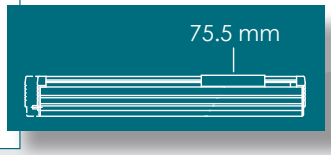
NEW! *Single AOI for TS Controllers*







Move robots with direct millimeter commands



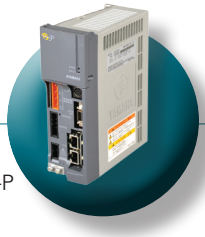
YRG™ ROBOTICS

Controllers and Robots

RCX240

RCX340

Scara		Pick-n-Place	
Cartesian		360° Orbit Robot	



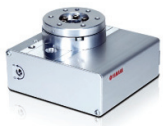
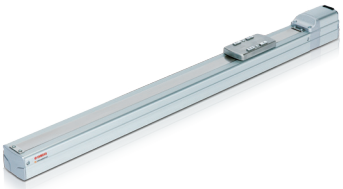
TS-P

TS-X

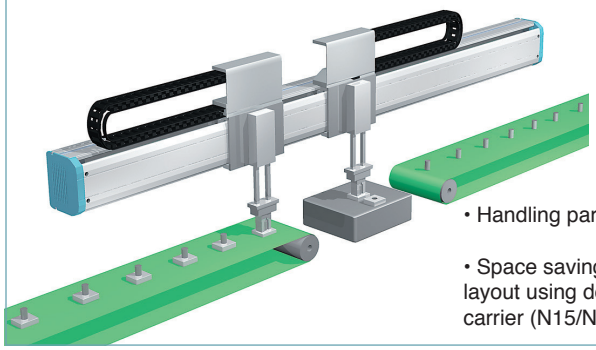
Phaser Linear Motor		Flip-X Ball Screw	

TS-SH

TS-S2

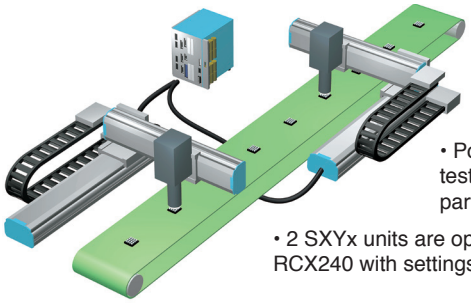
SR-SRD Rod Type		RF Rotary	
SS Slide Type		BD Miniature Belt Drive	
STH Miniature Slide Type		SG07 Slide Type	

CARRY AND TRANSFER EQUIPMENT



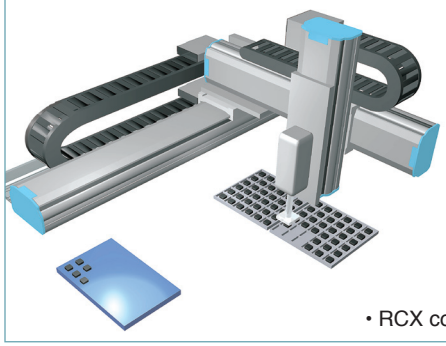
- Handling parts
- Space saving layout using double carrier (N15/N18)

TESTER (2 cartesian robots controlled simultaneously)



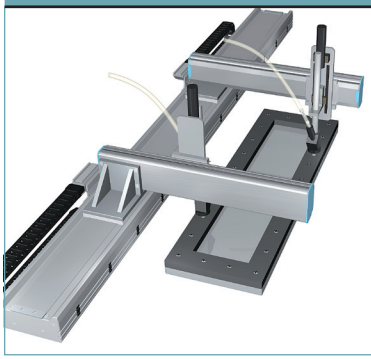
- Post-process testing of electronic parts
- 2 SXYx units are operated using 1 RCX240 with settings for 2 robots.
- High vertical traveling accuracy

IC PALLETIZING WITHIN THE UNIT



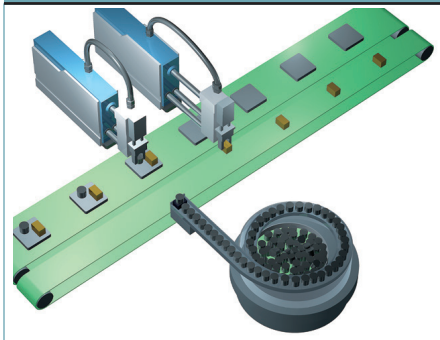
- ICs are taken out of the pallet and parts are transferred to the specified place by the robot.
- A die is attached to the circuit board during semi-conductor manufacturing
- RCX controller programming

HIGH SPEED SCREW TIGHTENING



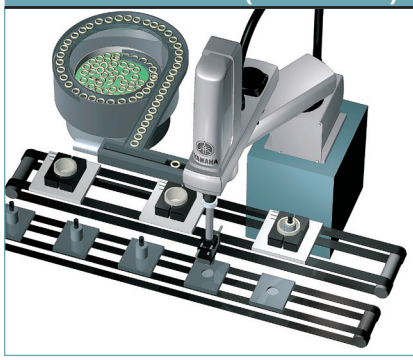
- Positioning 2 nut runners at the same time for a large work piece.
- 2 screws at opposite locations tightened at the same time.
- High speed, high accuracy

PRECISION PART ASSEMBLER



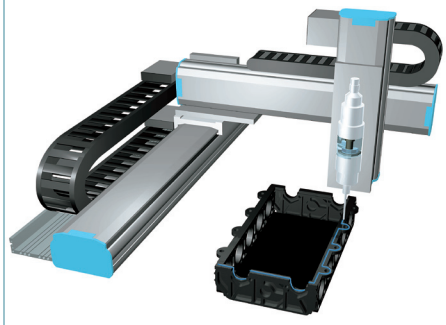
- Assembly of small size precision parts.
- High speed assembly
- Narrow machine width, and settable with a tiny pitch.

ASSEMBLY CELL (LINE CELL)



- Base machine of line type assembly cell.
- SCARA advantages with a wide operation range.
- Form a line to any length by coupling cells together.

SEALING



- Spreading sealant to mating faces of the cases
- Three dimensional application using 3 axes Cartesian robot. Cartesian robot incorporated with special purpose machine.

YAMAHA

YAMAHA MOTOR CO., LTD.

IM Company
An In-house Company of YAMAHA MOTOR CO.,LTD.
882 Soude, Naka-ku, Hamamatsu, Shizuoka 435-0054, Japan
Telephone (Sales promotion division) 81-53-460-6103
Telephone (Service division) 81-53-460-6811
Fax 81-53-460-6811

DISTRIBUTED BY

YRG™ ROBOTICS

9105 Clubridge Drive • Fort Wayne, IN 46809
PO Box 9218 • Fort Wayne, IN 46899-9218
Phone: 260-747-3482 • Fax: 260-747-3832
www.yrginc.com

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