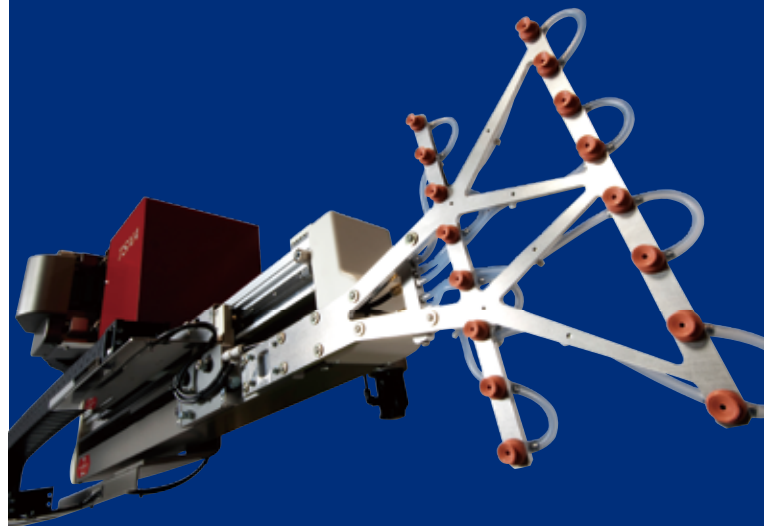


Heartful Technology

Yushin

www.yushin.com



The TSXA is an all-new side-entry robot, conceived and developed to achieve the goal of setting the world's fastest cycle time.

Heartful Technology

Yushin

Yushin Precision Equipment Co.,Ltd.

TSXA

Successor to Yushin's SX Series of high-speed side-entry robots, the TSXA introduces a new traverse frame designed for high-speed downstream handoff.



E-touch II-K Controller

Controller delivers greater ease of use with integrated 3D Simulator and Motion Chart screens.

*Smaller *E-touch Compact II* controller also available as an option



Total System Package

The TSXA combines control of the robot and downstream equipment into one controller, to help simplify our customers' operations.

Easy to use, operator friendly E-touch series controller makes robot operation and even teaching the downstream equipment a simple matter.

The TSXA increases production capacity while simplifying molding operations. Yushin is pleased once again to offer "Heartful Technology" to our customers.

Achieves World's Fastest Cycle Times with Optimized Construction, Dual-axis Motion System Package Unites Robot and Downstream Controls

High Speed: Revolutionary design attains a take-out cycle of only 0.21 seconds, a 25% jump in speed

Unified Control: One controller operates both TSXA and downstream hand-off robot

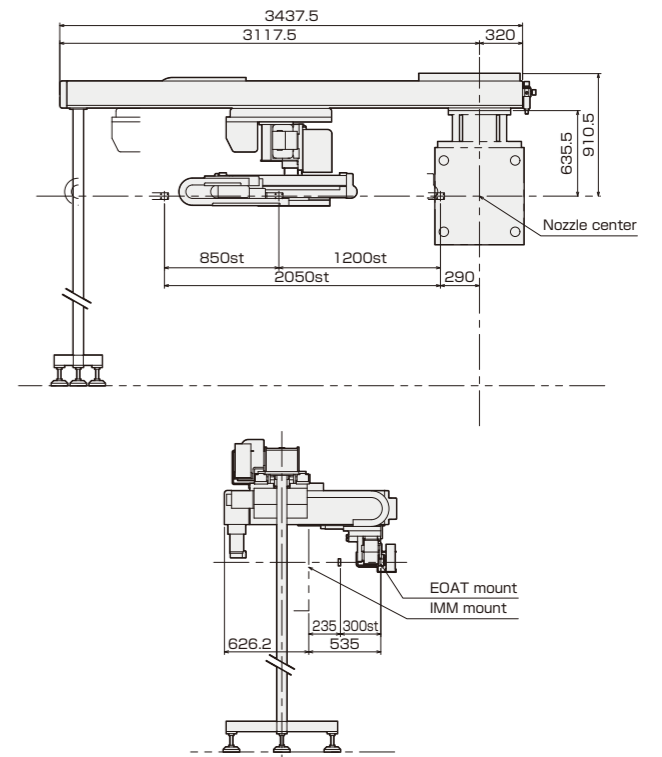
Extra-Long Stroke: Radical new design enables operators to set traverse range from 1500 to 4000mm.

Lowered overall height allows the TSXA to excel in low-clearance environments.

* Measurements above are relative to previous comparable Yushin model



Spec drawing



Optimum Design End-of-Arm Tool

Design Optimization is the process of applying CAE (Computer-Aided Engineering) to seek the most theoretically optimal form for a device. Optimized EOAT contributes to higher speeds, and eases mechanical stress to offer stable and swift take-out of molded parts.

ECO Vacuum

Monitors air pressure while robot suction-grips parts and only turns on air lines when necessary.

Specification

Power source	Driving method	Control method	Air pressure	Maximum air pressure
3 Phase AC200V 50/60Hz	Digital servo motor (3-axis)	Micro computer control	0.49MPa	0.79MPa

Model	Maximum power consumption	Traverse stroke (mm)	Kick stroke (mm)	Air consumption L(Normal)/cycle	Maximum payload (kg)	Main Unit Weight (kg)
TSXA	3 Phase AC200V 21.7A Max.	2050	300	9.0	3	540