TSXA

A novel side-entry robot developed to achieve the world's fastest cycle time

Clamping force 100 – 300tf

Super-high speed

Optimized design + Power-saving

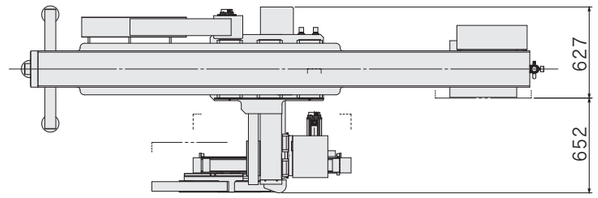
ULTRA LOW Ultra-low overall height (Side entry)

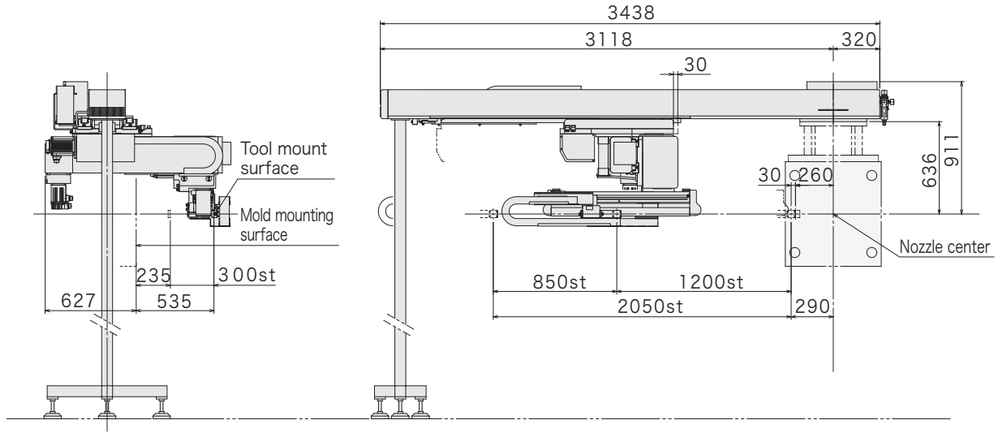
All-axis servo-driven

CE

For CE supported languages, Please contact our sales department.

Separate catalog available





Optimized Robot Designed to Achieve World's Fastest Cycle Times

With its telescopic design that accelerates motion along the main axis by simultaneously powering two motors, the TSXA attains a high-speed take-out time of only 0.21 sec*1, 25% faster than Yushin's previous robot.

*1 Dry cycle time based on Yushin's measurement conditions

Novel Mechanical Design Fits a Variety of Shop Floor Layouts

The revolutionary design of the TSXA shatters the limitations of conventional side-entry robots. Operators can order the TSXA with a traverse stroke length of anywhere from 1,500 mm up to 4,000 mm to suit their needs—the best stroke range in the industry.

Robot Controller Integrates Control of Hand-off Station or Other Downstream Equipment

The TSXA's controller also accommodates control of the hand-off station*. This versatility helps reduce equipment costs and shorten teaching times.

* Please inquire with your local Yushin sales representative for details.

Standard Specifications

Power supply	Drive method	Controller model	Working air pressure
200/220 VAC (50/60 Hz) 3 phase	Digital servo motor 3-axis	E-touch Ⅱ-K/ E-touch compact Ⅱ	0.49MPa

Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]	Air consumption [NL/cycle]	Payload [kg]	Target IMM clamp capacity [tf]
TSXA	7.5 kVA 200 VAC 21.7 A MAX.	2050	300	4.5	3	100-300

Payload includes the end-of-arm tool.