

SXB-300Ⅲ/V

■ Features



180–450 tf



3/5-axis



Take-out cycle time 0.64 sec*



E-touch compact II

* Based on dry-cycle measurement conditions specified by Yushin.

Side-entry type for clean molding environment

This is the side-entry type high-speed take-out robot suitable for clean molding environment. This robot contributes to extraction of molded products which require clean molding environment such as optical parts, medical equipment or food containers. Furthermore, this side entry robot is good for low ceiling factory such as clean-room, free from dust as no driving mechanism is located above mold, and also performs stable high-speed operation.

Adoption of High Power Motor

Smooth acceleration, deceleration and high-speed operation are achieved by adopting high power motors.

3/5-axis NC Control

Gentle release of product is achieved by adopting servo motor on the vertical axis in addition to the traverse and kick axes. 3-axis NC SXB-300Ⅲ for 2 plates mold and 5-axis NC SXB-300V for 3 plates mold are lined up.

■ Standard Specifications

Power source	Driving method	Control method	Air pressure	Maximum allowable air pressure (factory)
3 phase AC200V 50/60Hz	Digital servo motor 3/5-axis	Micro computer control	0.49MPa	0.70MPa

Model	Power consumption	Traverse stroke (mm)		Kick stroke (mm)		Vertical stroke (mm)	Air consumption (NL/cycle)	Payload (kg)	Clamping force (tf)
		Main arm	Sub arm	Main arm	Sub arm				
SXB-300Ⅲ	3.7kVA AC200V 10.7A	1600 [2000]	—	675	—	325	20	8	180–450
SXB-300V	4.7kVA AC200V 13.7A		1050 [1250]	565	565				

[]: Modified type
 Payload includes the end-of-arm tool.
 Payload varies depending on the take-out robot speed setting.

■ Option

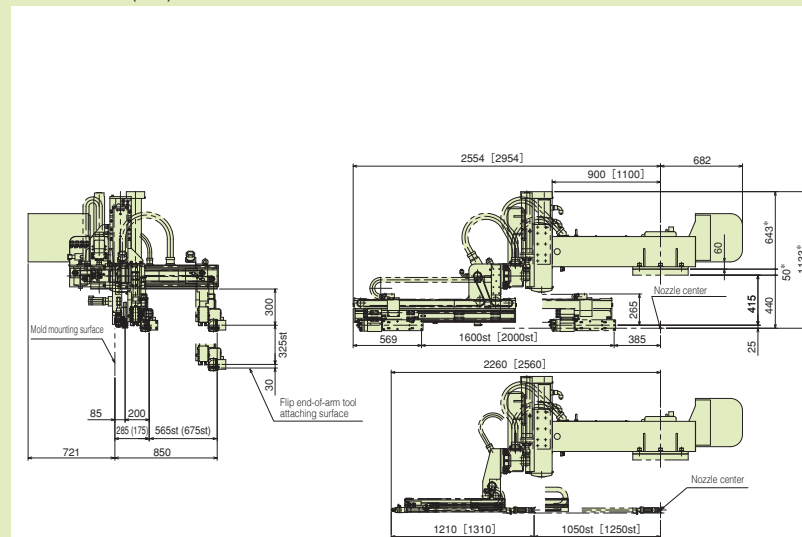
Option	Explanation of each option
Custom color	The main body, frame covers, control box and operation box can be painted with the color specified by customers.
Traverse stroke modified	Product side (Main arm) 400 mm modified, Runner side (Sub arm) 200 mm modified.

We offer an assortment of options. Please contact a Yushin office.



PAT.

■ Dimensions (mm)



[]: Modified type
 (): Type 3-axis (Type Ⅲ)
 * Dimensions vary depending on actual molding machine dimensions.