

SXB-800 III

Side-entry approach caters to dust-free products and low-clearance environments such as cleanrooms



Clamping force 450 - 850 tf

ULTRA LOW Ultra-low overall height (Side entry)

All-axis servo-driven

Side-entry Robot for Large Molding Machines

The unique 3-axis design of the SXB-800III robot allows for automation of high-speed extraction on large molding machines. The robot is also suitable for dust-free products, as well as use in low-ceiling facilities and cleanrooms thanks to the side-entry configuration. The robot comes with the user-friendly E-touch compact II controller.

Adoption of High Power Motor

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

3-Axis Servo Motor Drive

In addition to the 2-axis servo motor on the traverse and kick axes, this robot incorporates a servo motor on the vertical axis for gentle release of products.

Standard Specifications

Power supply	Drive method	Controller model	Working air pressure	Flip angle			
3 phase AC200/220 V (50/60 Hz)	Digital servo motor 3-axis	E-touch compact II	0.49 MPa	90°			
Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]	Vertical stroke [mm]	Air consumption [NL/cycle]	Payload [kg]	Target IMM clamp capacity [tf]
SXB-800III	5.5 kVA AC200 V 15.9 A	2500 (2700)	850 (1050)	440	30	15	450-850

() : Modified stroke
Payload includes the end-of-arm tool.

Options

Options	Explanation of each option
Custom color	The main body, frame covers, control box, and operation box can be painted with colors specified by customers.
Traverse stroke modification	200 mm modified.
Kick stroke modification	200 mm modified.

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

Dimensional Drawings [mm]

