SCⅡ-150S/D, SCⅡ-250S/D

No need for adjustment of the molding machine
Providing excellent cost efficiency and energy savings for low-clearance installations

Clamping force 100 - 350tf

E Economy

Vibration control

Optimized design + Power-saving

LOW Low posture (Double speed mechanism)

All-axis servo-driven

CE
For CE supported languages, Please contact our sales department.

Economically Reduces Operating Costs and Increases Productivity

This series comes with the ECO Vacuum function to reduce air consumption, ECO mode* that allows the robot to run using less power, and an ECO Monitor that displays the robot's air and power consumption in real-time to help save energy on the work floor and to economically reduce operating costs.
A double-speed mechanism in the take-out arm enables the robot to be installed on low-clearance work floors.

Equipped with E-touch Lite-SC as standard

- ECO Vacuum®
- ECO mode*
- ECO Monitor®
- Lead Through Teaching

* This mode automatically adjusts the traverse travel speed to meet the molding cycle requirements while minimizing power consumption.

Standard Specifications

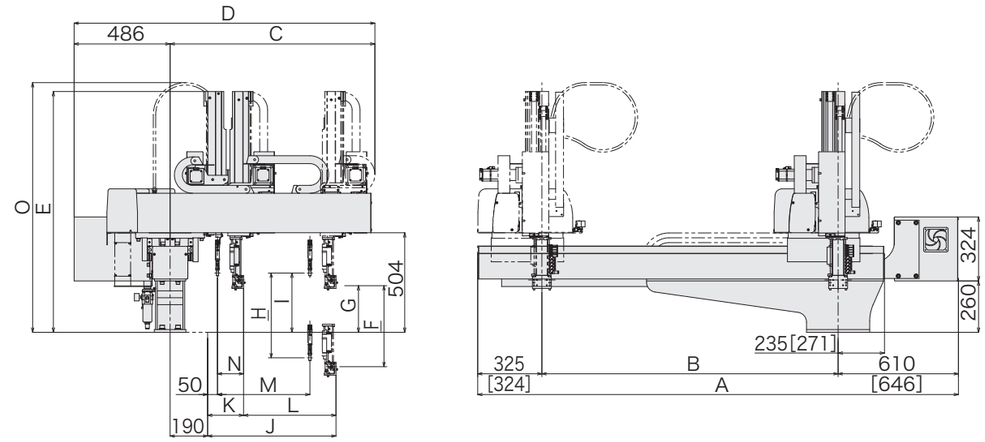
Power supply	Drive method	Controller model	Working air pressure	Flip angle
200/220 VAC (50/60 Hz) Single phase	Digital servo motor 3/5-axis	E-touch Lite-SC	0.49MPa	90°

Model	Power consumption	Traverse stroke (mm)	Kick stroke (mm)		Vertical stroke (mm)		Air consumption (NL/cycle)	Payload (kg)	Target IMM clamp capacity (tf)
			Main arm	Sub arm	Main arm	Sub arm			
SCII-150S	S type 1.5kVA 200 VAC 7.5A	1500 (1700) (1900)	528	—	850 (950)	—	2.5 (ECO Vacuum Specification)	5	100-250
SCII-150D			468	468		850 (950)			
SCII-250S	D type 1.9kVA 200 VAC 9.5A		678	—	950 (1100)	—	2.6 (ECO Vacuum Specification)		250-350
SCII-250D			618	618		950 (1100)			

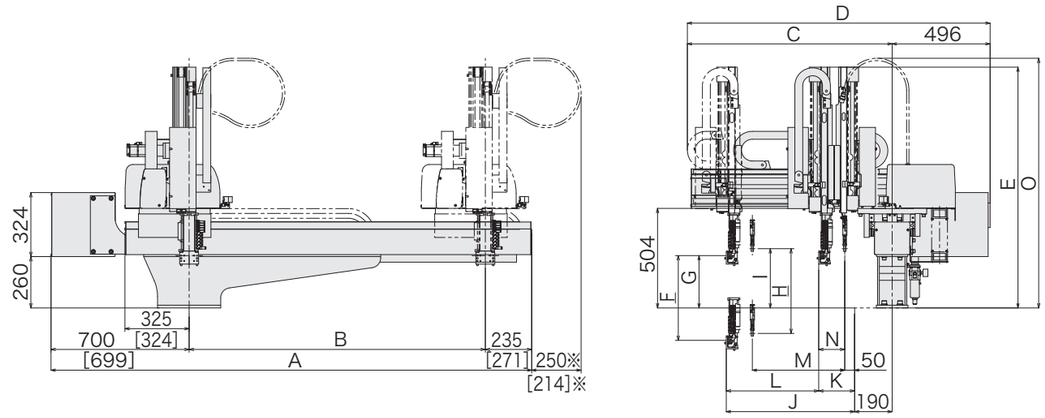
S type : Robot is equipped with product take-out arm only. D type : Robot is equipped with product take-out arm and runner take-out arm.
( ) : Modified stroke
Payload includes the end-of-arm tool.

Separate catalog available

Rear (Non-operator) Side Discharge Direction (mm)



Operator Side Discharge Direction (mm)



(mm)

Model	A	B	C	D		E	F	G
				Operator Side Discharge Direction	Rear (Non-operator) Side Discharge Direction			
SCII-150S	2435 (2670) (2835)	1500 (1700) (1900)	1040	1536	1526	1219 (1275)	850 (950)	265
SCII-150D								
SCII-250S			1195	1691	1681	1275 (1347)	950 (1100)	
SCII-250D								

Model	H	I	J	K	L	M	N	O
SCII-150S	—	—	650	122	528	—	—	—
SCII-150D	850 (950)	300		182	468	468	132	1264 (1320)
SCII-250S	—	—	800	122	678	—	—	—
SCII-250D	950 (1100)	300		182	618	618	132	1320 (1392)

( ) : Modified stroke
[ ] : With modified traverse stroke (1700 mm)
※ : Reference values

Request Yushin catalog https://www.ype.co.jp/request/