

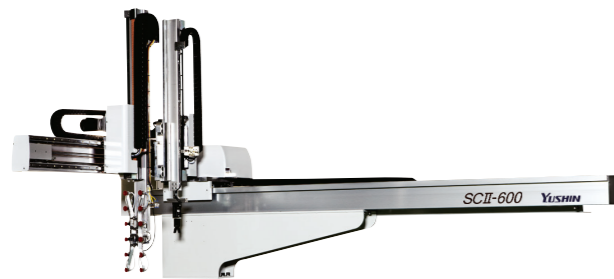
1 All-Axis Servo Driven Type Take-Out Robot

SCII-350S/D, SCII-600S/D

Separate catalog available

SC II -350S/D, SC II -600S/D

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



Clamping force 350 - 650tf

Economy

Vibration control

Optimized design + Power-saving

Low posture (Double speed mechanism)

All-axis servo-driven



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.

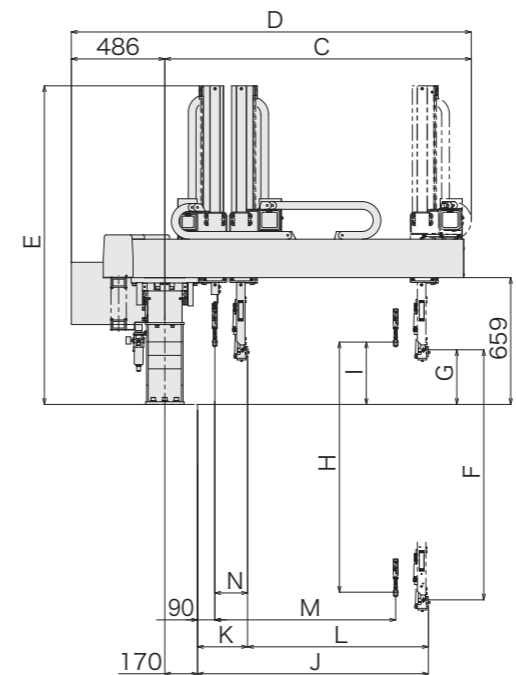
Standard Specifications

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-350S	S type 1.9kVA 200 VAC 9.3A	1700 (1900) (2200)	1100	—	1100 (1300) (1550)	—	4.0 (ECO Vacuum Specification)	12	350-450
SCII-350D			940	940	1100 (1300) (1550)	—			
SCII-600S	D type 2.5kVA 200 VAC 12.3A	1700 (1900) (2500)	1100	—	1300 (1550)	—	4.4 (ECO Vacuum Specification)		450-650
SCII-600D			940	940	1300 (1550)	—			

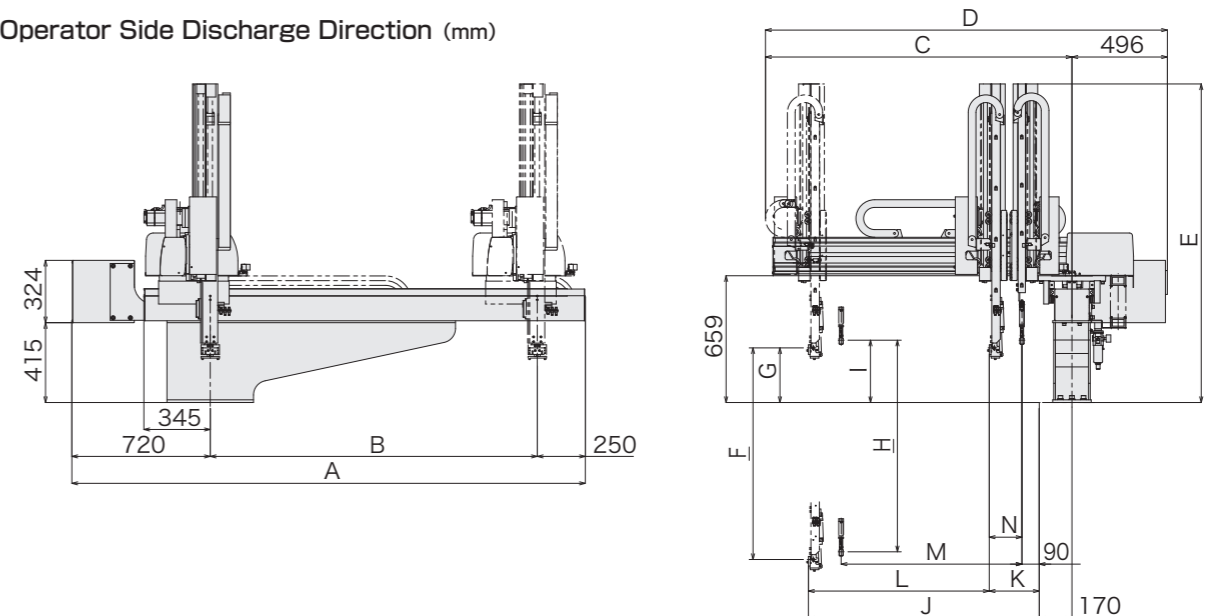
S type : Robot is equipped with product take-out arm only. D type : Robot is equipped with product take-out arm and runner take-out arm.

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

■ 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-350S	2670 (2870)	1700 (1900)	1595	2091	2081	1556 (1656) (1781)	1100 (1300) (1550)	284
SCII-350D	(3170)	(2200)				1656 (1781)	1300 (1550)	
SCII-600S	2670 (2870)	1700 (1900)	1595	2091	2081	1656 (1781)	1300 (1550)	284
SCII-600D	(3470)	(2500)				1656 (1781)	1300 (1550)	

Model	H	I	J	K	L	M	N
SCII-350S	—	—	1200	100	1100	—	—
SCII-350D	1100 (1300) (1550)	324		260	940	940	170
SCII-600S	—	—	1200	100	1100	—	—
SCII-600D	1300 (1550)	324		260	940	940	170

() : Modified stroke

SCII-350S/D, SCII-600S/D

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