SAⅡ-1000S/D, SAⅡ-1300S/D

No need for adjustment of the molding machine
High cost efficiency and usability in low overhead clearance spaces make for easy installation



Clamping force 1000 - 1600 tf

LOW Low posture (Double speed mechanism)

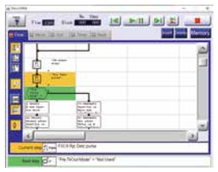
All-axis servo-driven

Servo-driven take-out robot with excellent cost efficiency

The SA series is a practical and ideal choice for manufacturers that need robots that perform simple applications with high cost efficiency.
A double-speed mechanism in the take-out arm enables the robot to be installed on low-clearance work floors.

Lead Through Teaching equipped standard

Operators can add take-out robot motion while going through one-cycle operation of motion points and timers just like when teaching.
This function gives operators the ability to add positions and teach motions to the robot.



Standard Specifications

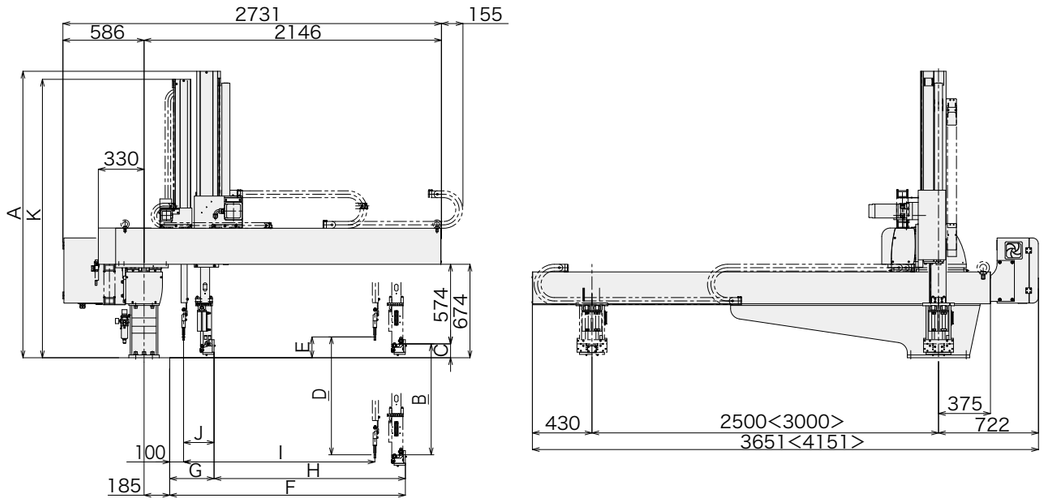
Power supply	Drive method	Controller model	Working air pressure	Flip angle
AC200 V 50/60Hz	Digital servo motor 3/5-axis	E-touch Lite Ⅱ	0.49 MPa	90°

Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]		Vertical stroke [mm]		Air consumption [NL/cycle]	Payload [kg]	Target IMM clamp capacity [tf]
			Main arm	Sub arm	Main arm	Sub arm			
SAII-1000S	3 phase S type 3.2kVA AC200 V 9.3A	2500	1520	—	1800	—	40	25	1000-1300
SAII-1000D			1380	1380		1850			
SAII-1300S	D type 4.3kVA AC200 V 12.3A	3000	1520	—	1800 (2000)	—	45		1300-1600
SAII-1300D			1380	1380		1850 (2050)			

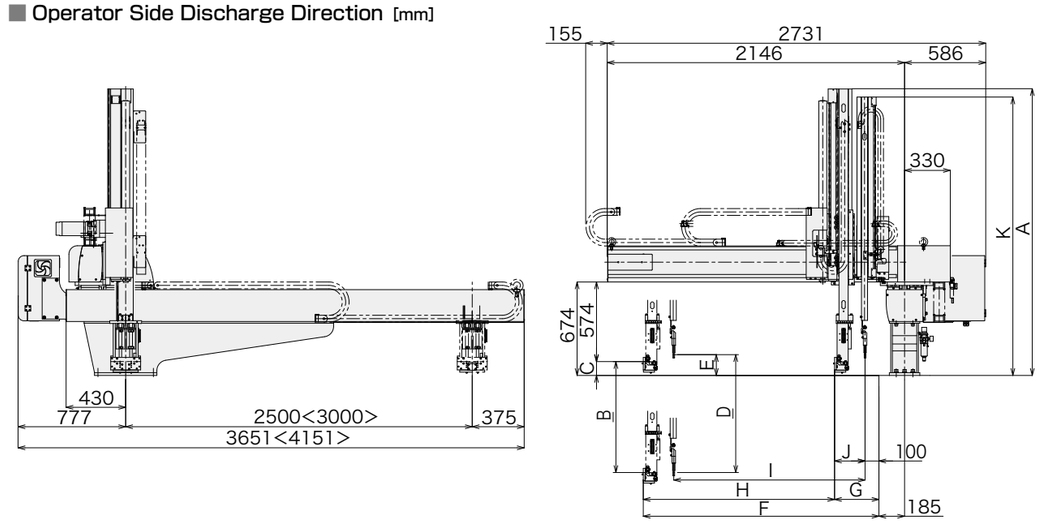
S type : Robot is equipped with product take-out arm only. D type : Robot is equipped with product take-out arm and runner take-out arm.
( ) : Modified stroke
Payload includes the end-of-arm tool.

Separate catalog available

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



Operator Side Discharge Direction [mm]



[mm]

Model	A	B	C	D	E	F
SAII-1000S	2066	1800	100	—	—	1700
SAII-1000D				1850	150	
SAII-1300S	2066 (2170)	1800 (2000)		—	—	
SAII-1300D				1850 (2050)	150	

Model	G	H	I	J	K
SAII-1000S	180	1520	—	—	—
SAII-1000D	320	1380	1380	220	2008
SAII-1300S	180	1520	—	—	—
SAII-1300D	320	1380	1380	220	2008 (2108)

( ) : Modified stroke
〈 〉: SAII-1300