

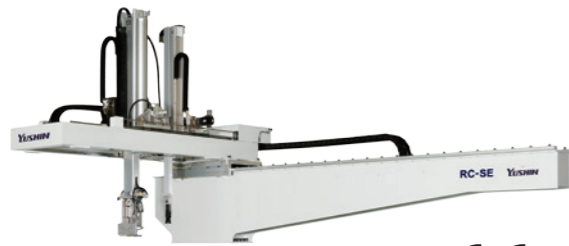
1 All-Axis Servo Driven Type Take-Out Robot

RC2-100130S/D-SE

Separate catalog available

RC2-100130S/D-SE

Offering speed, reliability and energy savings with a wide range of scalable functions



For CE supported languages, please contact our sales department.

Clamping force 1000 - 1300 tf

Vibration control

Power-saving

Low posture (Double speed mechanism)

All-axis servo-driven

All-Axis Servo Driven Type

Swing Type

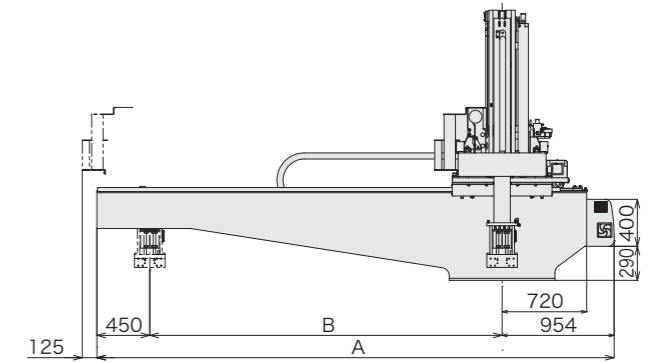
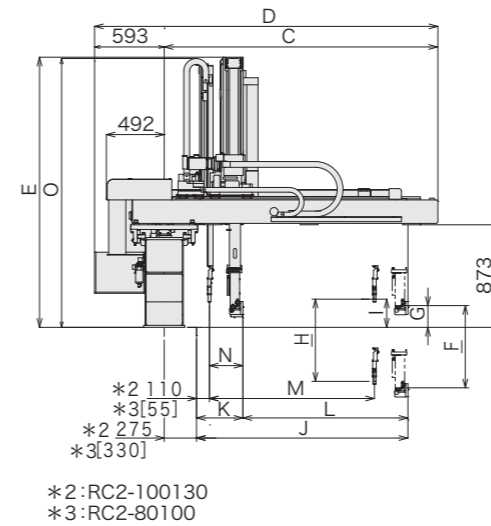
Side Entry Type

For Vertical Molding Machine

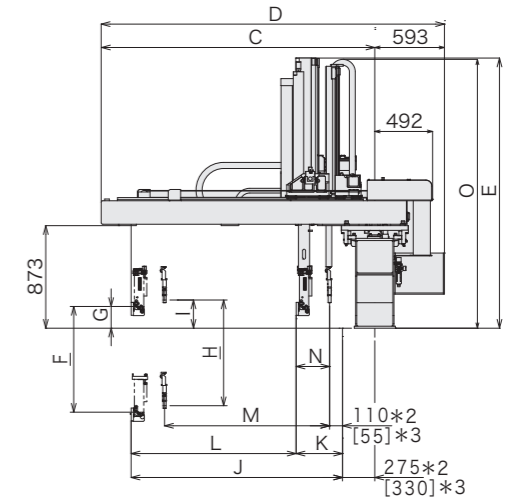
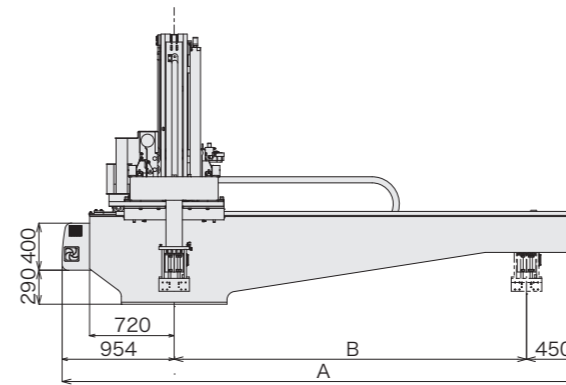
Stock System

Product Series Guide [P11]

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



Operator Side Discharge Direction (mm)



Developed to achieve "high-speed, high-rigidity," "downtime reduction," and "running cost reduction."

- Compressed air economizing tool Smart ECO Vacuum
Yushin has refined our unique ECO Vacuum technology to reduce compressed air consumption even further. Smart ECO Vacuum monitors vacuum pressure continuously to optimize suction timing. As a result, robot air consumption can be economized by as much as 78%, which can lead to lower electricity costs for air compressors and reduced capital expenditures.
- Productivity improvement
Faster, more accurate high-speed take-out with standard machines
High-rigidity vertical and kick units ensure fast, accurate operations.
- E-touch II
Equipped with easy-to-use E-touch II controller with 10.4-inch display for intuitive operation.

Standard Specifications

Power supply	Drive method	Controller model	Working air pressure	Flip angle
200/220 VAC (50/60 Hz) 3 phase	Digital servo motor 3/5-axis	E-touch II	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			
RC2-100130S-SE	2.7 kVA 3 phase 200 VAC 7.6 A	3000 (3500) (4500)	1575	—	1800 (2100) (2500)	—	63.1 Smart ECO Vacuum OFF	35 (50)	1000 1300
RC2-100130D-SE	3.6 kVA 3 phase 200 VAC 10.4 A		1405	1405		1800 (2100) (2500)			

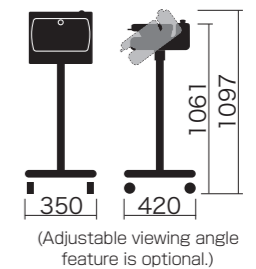
S type : Robot is equipped with main arm only. D type : Robot is equipped with main arm and sub arm.
() : Modified stroke () : Increased maximum payload
Payload includes the end-of-arm tool.

[mm]

Model	A	B	C	D	E	F	G	H	I
RC2-100130S-SE	4404 (4904) (5904)	3000 (3500) (4500)	2330	2923	(2175) 2300 (2450) (2650)	(1550) 1800 (2100) (2500)	185	—	—
RC2-100130D-SE								(1550) 1800 (2100) (2500)	240

Model	J	K	L	M	N	O
RC2-100130S-SE	1800	225	1575	—	—	—
RC2-100130D-SE		395	1405	1405	285	2147 (2265) (2453) (2613)

Controller (mm)



RC2-100130S/D-SE

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