

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

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.

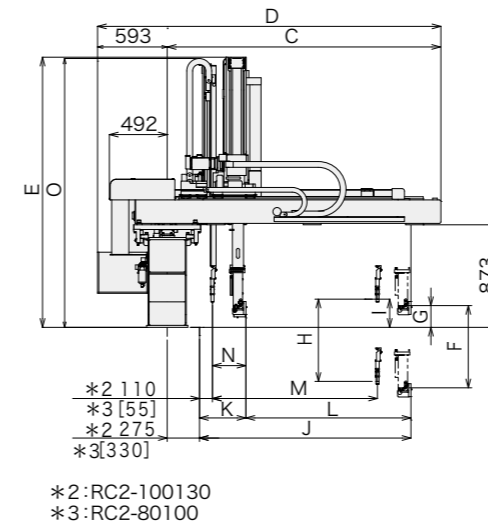
- Productivity improvement
Faster, more accurate high-speed take-out with standard machines
High-rigidity vertical and kick units ensure fast, accurate operations.
- E-touch II
Equipped with easy-to-use E-touch II controller with 10.4-inch display for intuitive operation.

Standard Specifications

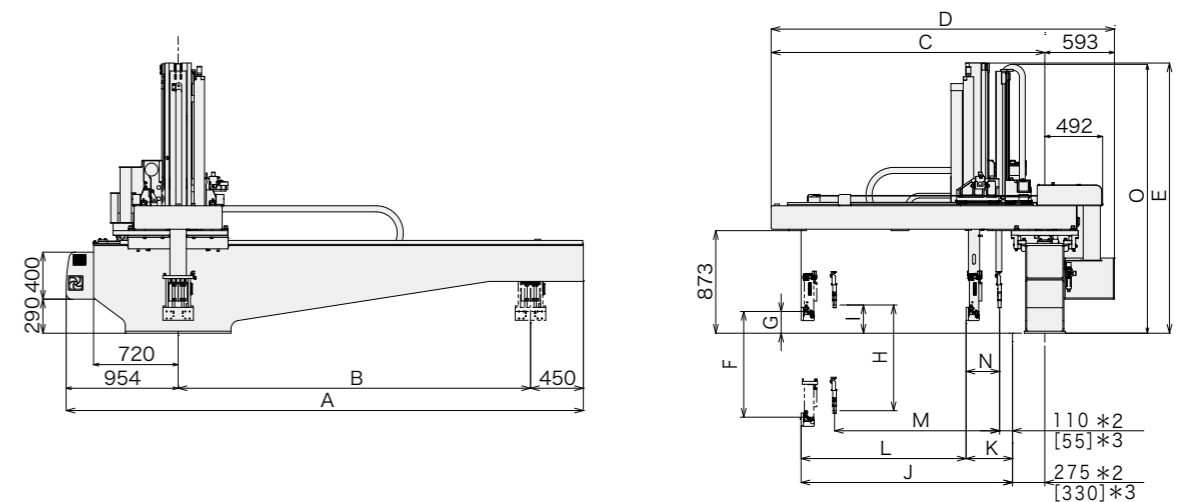
Power supply		Drive method		Controller model		Working air pressure		Flip angle		
3 phase AC200/220 V (50/60 Hz)		Digital servo motor 3/5-axis		E-touch II		0.49 MPa		90°		
Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]		Vertical stroke [mm]		Air consumption [NL/cycle]	Payload [kg]	Noise [dBA]	Target IMM clamp capacity [tf]
			Main arm	Sub arm	Main arm	Sub arm				
RC2-100130S-SE	2.7 kVA 3 phase AC200 V 7.6 A	3000 (3500) (4500)	1575	—	1800 (2100) (2500)	—	63.1 Smart ECO Vacuum OFF 45.2 Smart ECO Vacuum ON	35 (50)	77.4	1000 1300
RC2-100130D-SE	3.6 kVA 3 phase AC200 V 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.

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



Operator Side Discharge Direction [mm]

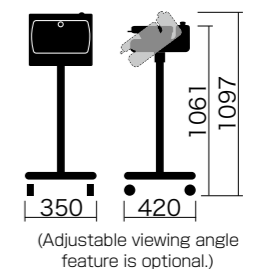


[mm]

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]



() : Modified stroke

(Adjustable viewing angle feature is optional.)

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