

1 All-Axis Servo Driven Type Take-Out Robot

RC2-2535S/D-SE, 3550S/D-SE

Separate catalog available

RC2-2535S/D-SE, 3550S/D-SE

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

Clamping force 350 - 500 tf

Vibration control

Power-saving

Low posture (Double speed mechanism)

All-axis servo-driven



For CE supported languages, please contact our sales department.

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.

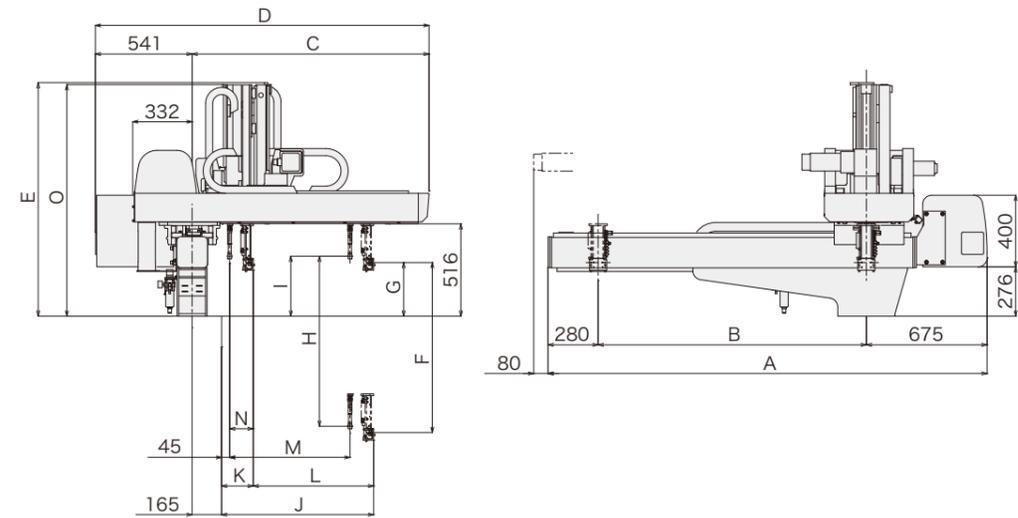
Standard Specifications

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

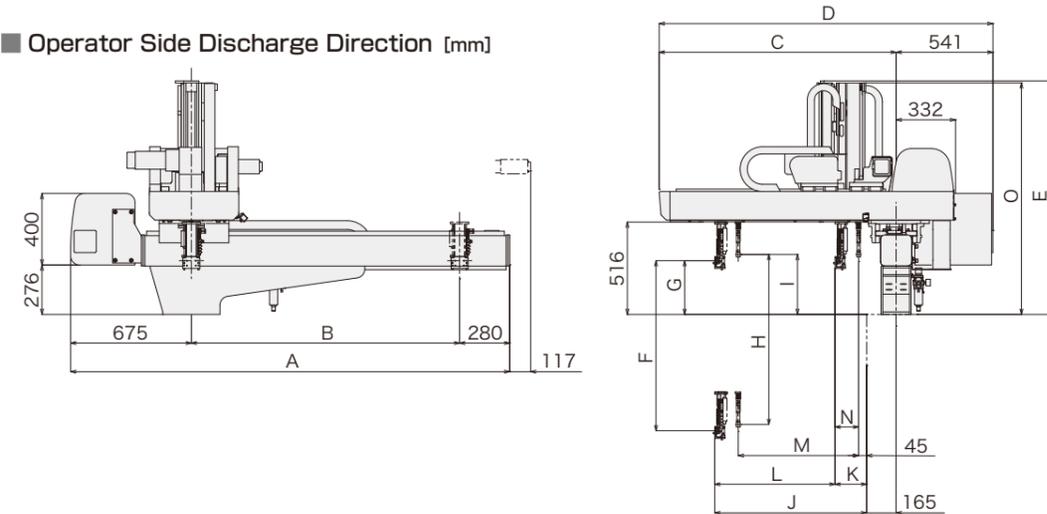
Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]		Vertical stroke [mm]		Air consumption [NL/cycle]	Payload [kg]	Noise [dBA]	Target IMM clamp capacity [tf]
			Main arm	Sub arm	Main arm	Sub arm				
RC2-2535S-SE	S type 2.7 kVA 200 VAC 7.6 A	1500 (1700) (1900) (2200) (2500)	733	—	950 (1100) (1300) (1550)	—	9.2 Smart ECO Vacuum OFF 2.3 Smart ECO Vacuum ON	5 (11)	76.0	250 350
RC2-2535D-SE			673	673	950 (1100) (1300) (1550)	—				
RC2-3550S-SE	D type 3.6 kVA 200 VAC 10.4 A	1700 (1900) (2200) (2500)	978	—	1100 (1300) (1550)	—	11.7 Smart ECO Vacuum OFF 3.1 Smart ECO Vacuum ON	10 (13)	75.7	350 500
RC2-3550D-SE			918	918	1100 (1300) (1550)	—				

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.
Traverse beam stanchion is standard equipment for traverse stroke over 1900 mm.

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



Operator Side Discharge Direction [mm]



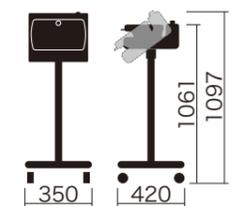
[mm]

Model	A	B	C	D	E	F	G	H	I
RC2-2535S-SE	2455 (2655) (2855)	1500 (1700) (1900)	1325	1866	1305 (1380) (1480) (1605)	950 (1100) (1300) (1550)	300	—	—
RC2-2535D-SE	(3155) (3455)	(2200) (2500)						950 (1100) (1300) (1550)	335
RC2-3550S-SE	2655 (2855) (3155) (3455)	1700 (1900) (2200) (2500)	1575	2116	1380 (1480) (1605)	1100 (1300) (1550)	176	—	—
RC2-3550D-SE								1100 (1300) (1550)	216

Model	J	K	L	M	N	O
RC2-2535S-SE	850	117	733	—	—	—
RC2-2535D-SE		177	673	673	132	1294 (1374) (1470) (1598)
RC2-3550S-SE	1100	122	978	—	—	—
RC2-3550D-SE		182	918	918	137	1374 (1470) (1598)

() : Modified stroke

Controller [mm]



(Adjustable viewing angle feature is optional.)

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