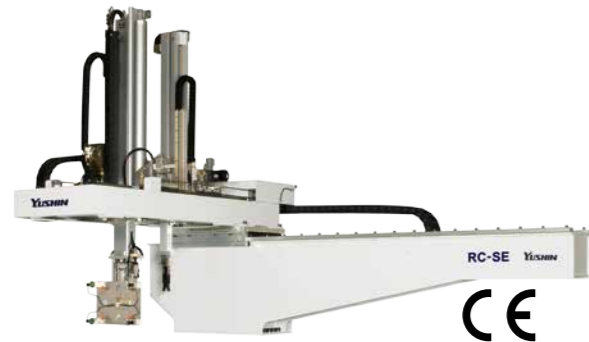


Separate catalog available

### RC2-80100S/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 800 - 1000 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.

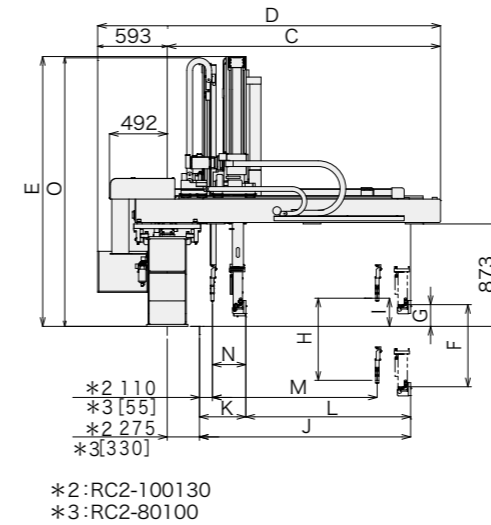
- Productivity improvement  
Faster, more accurate high-speed take-out with standard machines  
High-rigidity vertical and kick units ensure fast, accurate operations.
- E-touch II  
Equipped with easy-to-use E-touch II controller with 10.4-inch display for intuitive operation.

#### Standard Specifications

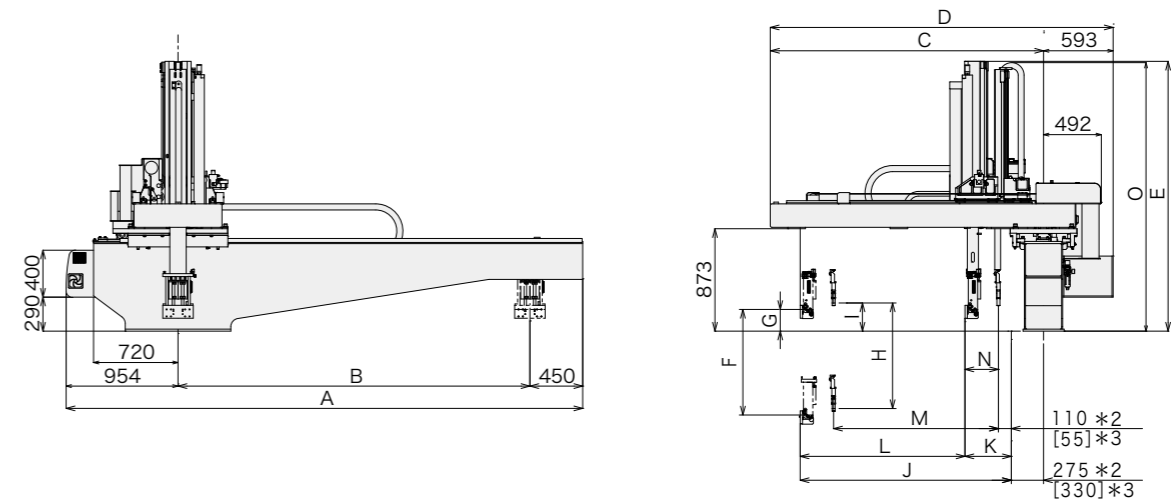
Power supply		Drive method		Controller model		Working air pressure		Flip angle		
3 phase AC200/220 V (50/60 Hz)		Digital servo motor 3/5-axis		E-touch II		0.49 MPa		90°		
Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]		Vertical stroke [mm]		Air consumption [NL/cycle]	Payload [kg]	Noise [dBA]	Target IMM clamp capacity [tf]
			Main arm	Sub arm	Main arm	Sub arm				
RC2-80100S-SE	2.7 kVA 3 phase AC200 V 7.6 A	2000 (2500) (3000)	1140	—	1550 (1800) (2100) (2500)	—	49.4 Smart ECO Vacuum OFF	25 (35) (50)	77.4	800-1000
RC2-80100D-SE	3.6 kVA 3 phase AC200 V 10.4 A	(3500) (4500)	970	970	1550 (1800) (2100) (2500)	1550 (1800) (2100) (2500)	35.0 Smart ECO Vacuum ON			

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]

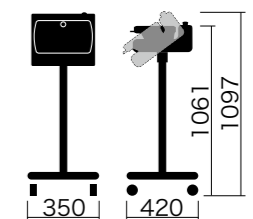


[mm]

Model	A	B	C	D	E	F	G	H	I
RC2-80100S-SE	3404 (3904) (4404) (4904) (5904)	2000 (2500) (3000) (3500) (4500)	1895	2488	2175 (2300) (2450) (2650)	1550 (1800) (2100) (2500)	330	—	—
RC2-80100D-SE								1550 (1800) (2100) (2500)	385

#### Controller [mm]

Model	J	K	L	M	N	O
RC2-80100S-SE	1300	160	1140	—	—	—
RC2-80100D-SE		330	970	970	275	2147 (2265) (2453) (2613)



(Adjustable viewing angle feature is optional.)

( ) : Modified stroke