

Separate catalog available

RC-0103S/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 30 tf or less

Vibration control

Power-saving

All-axis servo-driven

Running Cost Reduction Compressed Air Economizing Tool Smart ECO Vacuum

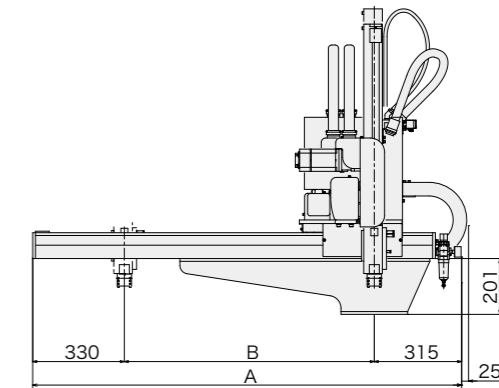
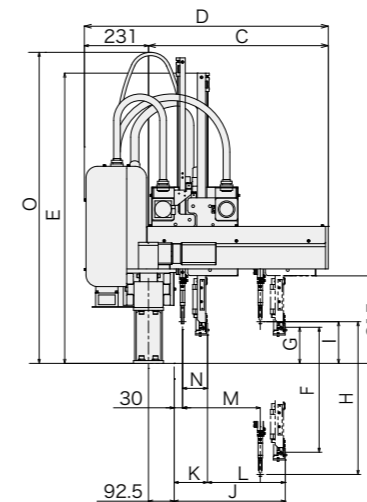
Yushin has refined our unique ECO Vacuum technology to reduce compressed air consumption even further. Smart ECO Vacuum monitors vacuum pressure continuously to optimize suction timing. As a result, robot air consumption can be economized by as much as 78%, which can lead to lower electricity costs for air compressors and reduced capital expenditures.

Standard Specifications

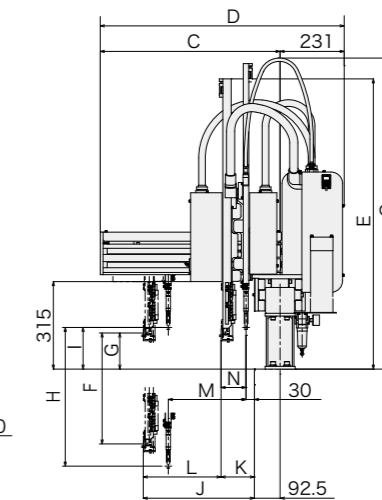
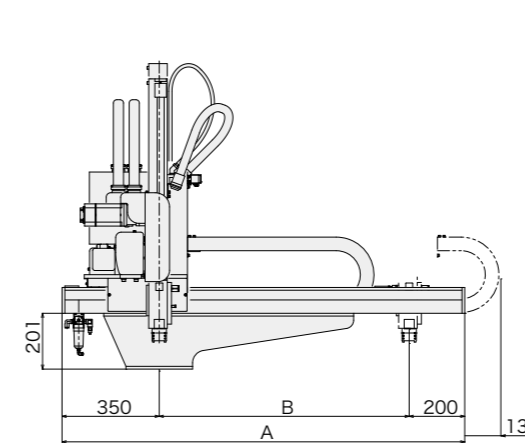
Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]		Vertical stroke [mm]		Air consumption [NL/cycle]	Payload [kg]	Noise [dBA]	Target IMM clamp capacity [tf]
			Main arm	Sub arm	Main arm	Sub arm				
RC-0103S-SE	1.7 kVA 1 phase AC200 V 8.5 A	900 (1200) (1600)	320 (470)	—	450	—	2.9 Smart ECO Vacuum OFF	2 «3»	78.7	30 or less
RC-0103D-SE	2.2 kVA 1 phase AC200 V 10.8 A		280 (430)	280 (430)		550				

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.
The extended traverse stroke option includes the extended kick stroke as a set.

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



Operator Side Discharge Direction [mm]

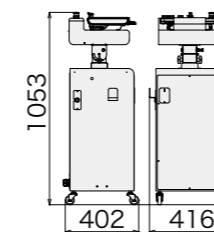


[mm]

Model	A		B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Operator Side Discharge Direction	Rear (Non-operator) Side Discharge Direction														
RC-0103S-SE	1450 (1750)	1545 (1845)	900 (1200)	648 (798)	879 (1029)	1045	450	130	—	—	400 (550)	80	320	—	—	—
RC-0103D-SE	(2150)	(2245)	(1600)	(798)	(1029)				550	150	(550)	120	280 (430)	280 (430)	90	1100 (1200)

() : Modified stroke

Controller [mm]



All-Axis Servo Driven Type

Swing Type

Side Entry Type

For Vertical Molding Machine

Stock System

Product Series Guide [P11]

All-Axis Servo Driven Type Take-Out Robot

RC-0103S/D-SE