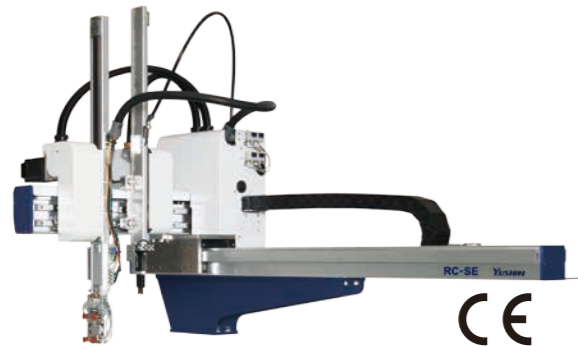


Separate catalog available

RC-0103S/D-SE

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



Clamping force 30 tf or less

Vibration control

Power-saving

All-axis servo-driven

For CE supported languages, please contact our sales department.

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.

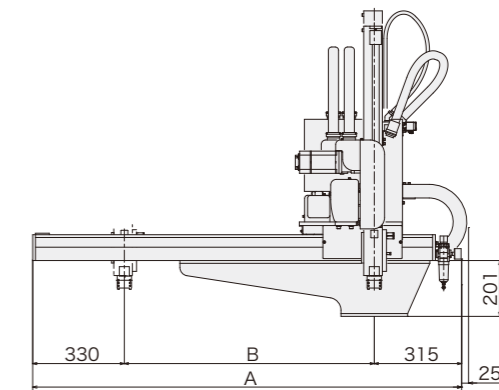
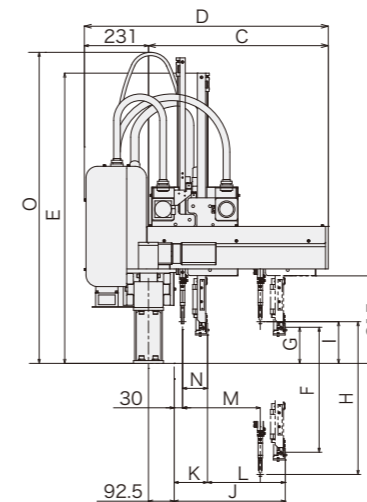
Standard Specifications

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

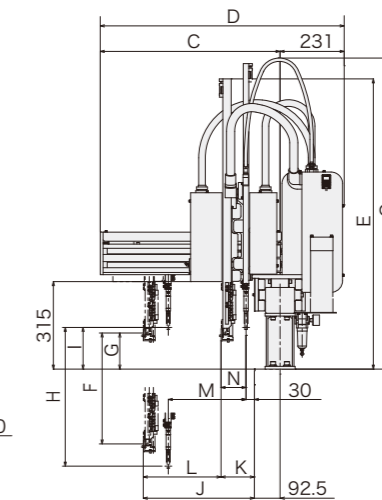
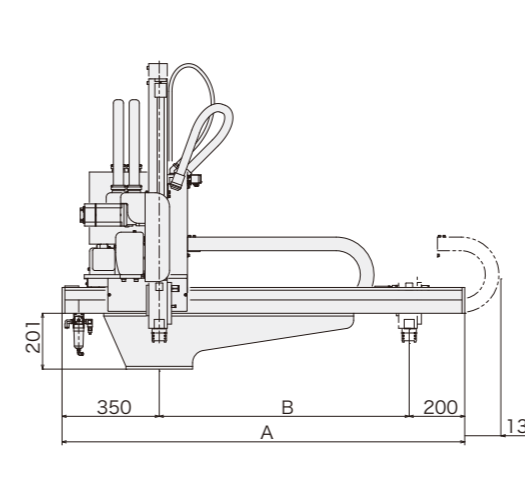
Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]		Vertical stroke [mm]		Air consumption [NL/cycle]	Payload [kg]	Noise [dBA]	Target IMM clamp capacity [tf]
			Main arm	Sub arm	Main arm	Sub arm				
RC-0103S-SE	1.7 kVA 1-phase 200 VAC 8.5 A	900 (1200) (1600)	320 (470)	—	450	—	2.9 Smart ECO Vacuum OFF	2 «3»	78.7	30 or less
RC-0103D-SE	2.2 kVA 1-phase 200 VAC 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 1,600 mm includes the extended kick stroke as a set.
Traverse beam stanchion is standard equipment for traverse stroke over 900 mm.

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]

