

1 All-Axis Servo Driven Type Take-Out Robot

RC2-1015-DW-SE, 1525-DW-SE, 2535-DW-SE

Separate catalog available

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Saving space with a two-in-one composite system that performs insertion, inspection, cutting, assembly, and more



Clamping force 100 - 350tf

Vibration control

Power-saving

Low posture (Double speed mechanism)

All-axis servo-driven

Single Unit that Performs Multiple Roles

The RC-DW-SE series consolidates a take-out robot and a handling robot into one versatile unit. Take-out and handling units operate independently and enable one RC-DW-SE to do the work of two conventional robots; an ideal solution for multi-process automated molding systems.

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.

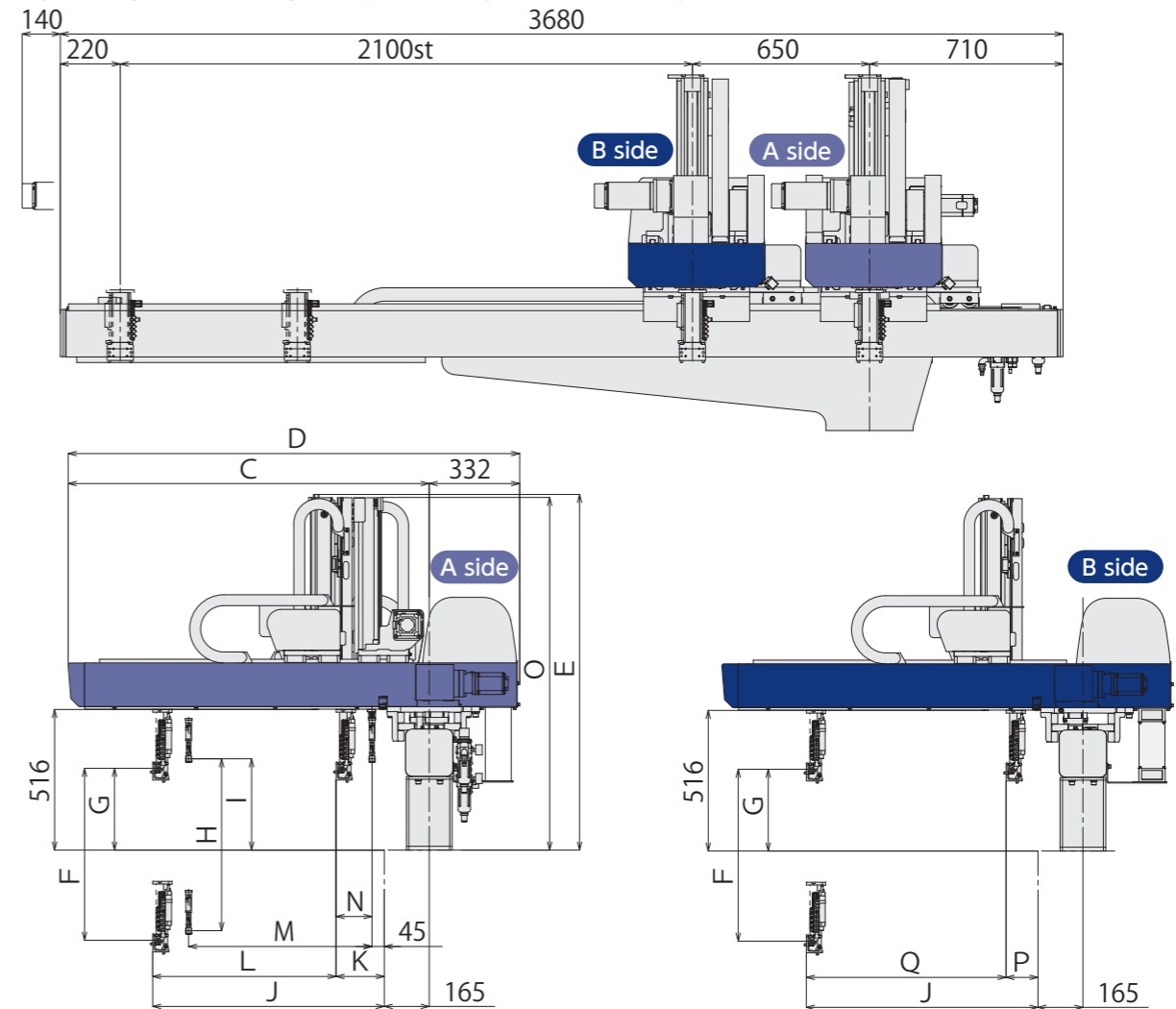
Standard Specifications

Power supply	Drive method	Controller model	Working air pressure	Flip angle
200/220 VAC (50/60 Hz) 3 phase	Digital servo motor 6/8/10-axis	E-touch II	0.49MPa	90°

Model	Power consumption 3 phase [A MAX]	Traverse stroke [mm]	A side				B side				Air consumption [NL/cycle]	Payload [kg]	Target IMM clamp capacity [tf]
			Kick stroke [mm]		Vertical stroke [mm]		Kick stroke [mm]		Vertical stroke [mm]				
			Main arm	Sub arm	Main arm	Sub arm	Main arm	Sub arm	Main arm	Sub arm			
RC2-1015	M-MS-SE	6.3kVA 200 VAC 18.0 A	583	—	700	—	523	523	700	700	18.6	5	100 150
	MS-M-SE	6.3kVA 200 VAC 18.0 A	523	523	700	700	583	—	700	—	Smart ECO VacuumOFF		
	MS-MS-SE	7.2kVA 200 VAC 20.8 A	523	523	700	700	523	523	700	700	4.2		
	M-M-SE	5.3kVA 200 VAC 15.3 A	583	—	700	—	583	—	700	—	Smart ECO VacuumON		
RC2-1525	M-MS-SE	6.3kVA 200 VAC 18.0 A	583	—	850	—	523	523	850	850	19.0	5	150 250
	MS-M-SE	6.3kVA 200 VAC 18.0 A	523	523	850	850	583	—	850	—	Smart ECO VacuumOFF		
	MS-MS-SE	7.2kVA 200 VAC 20.8 A	523	523	850	850	523	523	850	850	4.2		
	M-M-SE	5.3kVA 200 VAC 15.3 A	583	—	850	—	583	—	850	—	Smart ECO VacuumON		
RC2-2535	M-MS-SE	6.3kVA 200 VAC 18.0 A	733	—	950	—	673	673	950	950	19.8	5	250 350
	MS-M-SE	6.3kVA 200 VAC 18.0 A	673	673	950	950	733	—	950	—	Smart ECO VacuumOFF		
	MS-MS-SE	7.2kVA 200 VAC 20.8 A	673	673	950	950	673	673	950	950	4.8		
	M-M-SE	5.3kVA 200 VAC 15.3 A	733	—	950	—	733	—	950	—	Smart ECO VacuumON		

(Arm units for the A side and B side may be selected by the customer according to the application.)
Payload includes the end-of-arm tool.

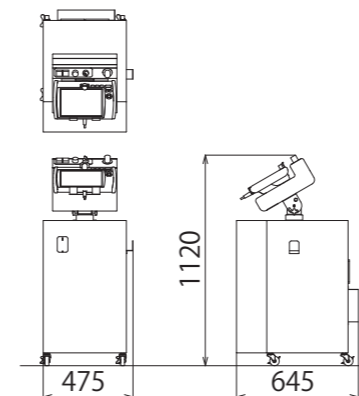
RC2-1015/1525/2535-MS-M-SE (Rear (Non-operator) Side Discharge Direction)
* For layout drawings of other DW configurations, please contact your local Yushin sales representative.



Model	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
RC2-1015-MS-M-SE	1175	1507	1180	700		700		700		523	523		1174		583
RC2-1525-MS-M-SE			1255	850	300	850	335		177			132	1246	117	
RC2-2535-MS-M-SE	1325	1657	1305	950		950		850		673	673		1294		733

Reinforced stanchions need to be installed.

Controller (mm)



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