







YCII-400S/D, YCII-600S/D-e

■ Features

-  **280–650 tf**
-  **3/5-axis**
-  **Dual support type**
-  **Reduced overall height type**
-  **On robot body**
-  **E-touch compact-YC**

All-Axis Servo Driven Take-Out Robot for Energy-Smart Manufacturers

Compared to older models, YC series robots benefit from much lighter components and structures by incorporating design optimization technology. This weight reduction results in significantly better energy efficiency and longevity. Design optimization also targeted factors like natural oscillation and damping characteristics to greatly reduce arm vibration. The YC II -400/600-e is sized for 280-650 tf molding machines.

E-touch compact-YC PAT.



- ECO Vacuum
 - ECO Monitor
 - Predictive Maintenance*
- * Continuously monitors robot during operation and alerts operator with a message if potential trouble symptoms are detected. This function elevates maintenance from preventative to predictive.
- Standard equipment



The CE specification is a special order. Please contact us.

PAT.

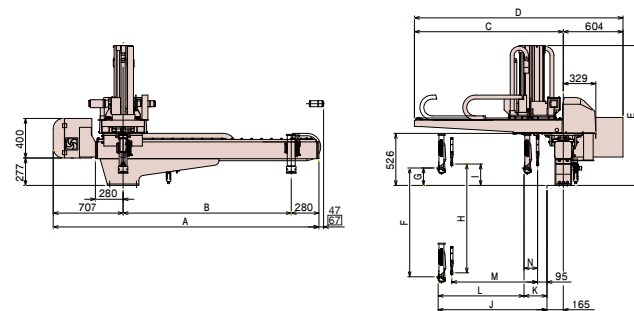
■ Standard Specifications

Power source	Driving method	Control method	Air pressure	Wrist flip angle
Single phase AC200V/220V (50/60Hz)	Digital servo motor 3/5-axis	Micro computer control	0.49MPa Maximum allowable air pressure (factory) 0.7MPa	90 deg.

Model	Power consumption	Traverse stroke (mm)	Kick stroke (mm)		Vertical stroke (mm)		Air consumption (NL/cycle)	Payload (kg)	Clamping force (tf)
			Main arm	Sub arm	Main arm	Sub arm			
YC II -400S*	S type 2.2kVA AC200V 11.0A D type 2.8kVA AC200V 14.0A	1700 [1900] [2200] [2500]	1000	—	1100 <1300>	—	11.0 (ECO Vacuum OFF) 7.4 (ECO Vacuum ON)	10	280 ~ 450
YC II -400D*			868	868					
YC II -600S-e	S type 2.2kVA AC200V 11.0A D type 2.8kVA AC200V 14.0A	2200 [2500]	1100	—	1300	—	17.0 (ECO Vacuum OFF) 9.0 (ECO Vacuum ON)	10	400 ~ 650
YC II -600D-e			968	968					

S type: Robot is equipped with product take-out arm only. D type: Robot is equipped with product take-out arm and runner take-out arm.
 Payload includes the end-of-arm tool.
 Higher payloads possible, depending on take-out settings and speeds.
 * The power source should be "three phase" when the high speed traverse option is selected.

■ Dimensions (mm)



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
YC II -400	2687 [2887] [3187] [3487]	1700 [1900] [2200] [2500]	1505	2109	1414 <1514>	1100 <1300>	176	1100 <1300>	216	1100	232 [100]	868 [1000]	868	137
YC II -600-e	3187 [3487]	2200 [2500]	1625	2229	1514	1300	86	1300	126	1200	232 [100]	968 [1100]	968	137

() : Modified traverse stroke < > : Modified vertical stroke
 [] : S-Type Dimensions □ : For rear-side models