







YCII-1300S/D

■ Features

-  **1000–1600 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 -1300 is sized for 1000-1600 tf molding machines.

E-touch compact-YC PAT.



- ECO Vacuum
 - ECO Monitor
 - Predictive Maintenance
- Standard equipment
- * 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 Specifications

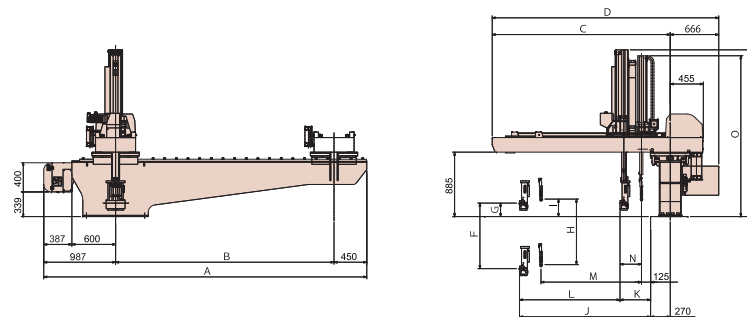
Power source	Driving method	Control method	Air pressure	Wrist flip angle
Single phase AC200V/220V (50/60Hz) Single phase*/ Three phase*	Digital servo motor 3/5-axis	Micro computer control	0.49MPa Maximum allowable air pressure (factory) 0.7MPa	90 deg.

* The power source is "single phase" for YCII-600/800-e, and "three phase" for YCII-800/1300-e.

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			
YCII-1300S	S type 2.5kVA AC200V 9.1A	3000 [3500]	1570	—	1800 <2100>	—	47.0 (ECO Vacuum OFF)	35	1000 ~ 1600
YCII-1300D	D type 3.4kVA AC200V 13.8A		1380	1380	1800 <2100>	1800 <2100>	35.0 (ECO Vacuum ON)		

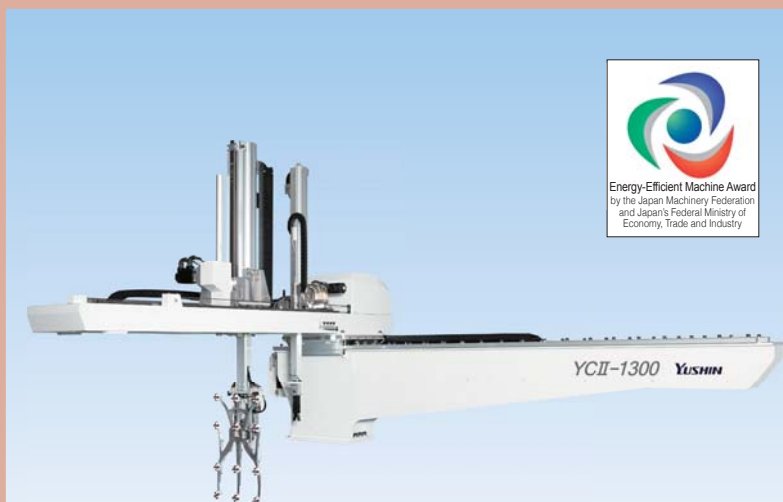
S type: Robot is equipped with product take-out arm only. D type: Robot is equipped with product take-out arm and runner take-out arm. []: Modified traverse stroke
Payload includes the end-of-arm tool.
Higher payloads possible, depending on take-out settings and speeds.

■ Dimensions (mm)



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
YCII-1300	4437 (4937)	3000 (3500)	2447	3113	2290 <2440>	1800 <2100>	185	1800 <2100>	240	1800	420 (230)	1380 (1570)	1380	295	2210 <2446>

(): Modified traverse stroke
< >: Modified vertical stroke
[]: S-Type Dimensions



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

PAT.