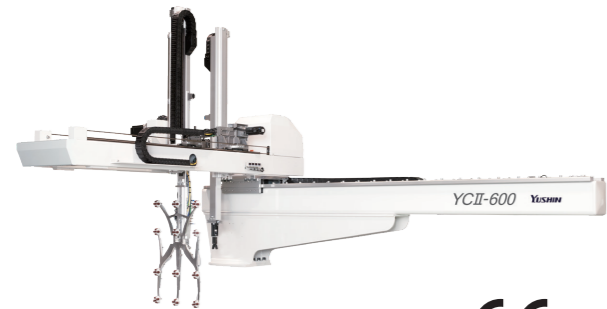


1 All-Axis Servo Driven Type Take-Out Robot

YCII-600S/D, YCII-800S/D-e

Separate catalog available

- All-Axis Servo Driven Type
- Single-Axis Servo Driven Type
- Swing Type
- Side Entry Type
- For Vertical Molding Machine
- Stock System
- Product Series Guide [P11]



CE
For CE supported languages.
Please contact our sales department.

Clamping force

400 - 1000 tf

S

Standard

Vibration control

Optimized design + Power-saving

Low posture (Double speed mechanism)

All-axis servo-driven

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

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 YCII-600/800 models are sized for molding machines with clamping forces from 400 to 1000 tf.

Equipped with E-touch compact-YC as standard



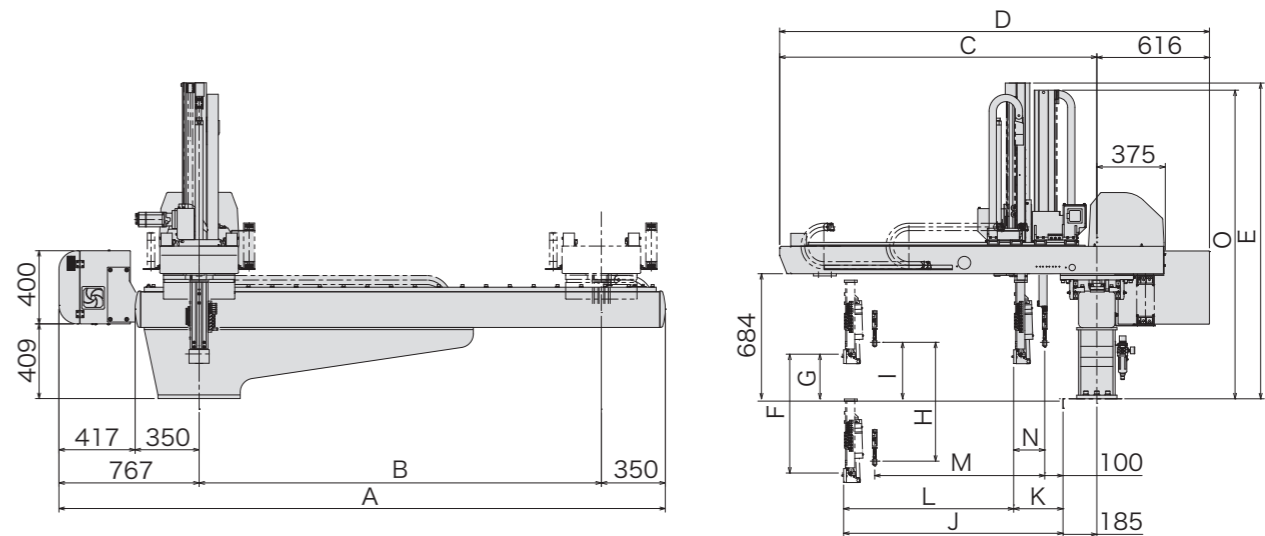
- ECO Vacuum®
- ECO Monitor®
- Predictive Maintenance*

* Continuously monitors take-out robot during operation and alerts operator with a message if any signs of potential trouble are detected.

Standard Specifications

Power supply		Drive method		Controller model		Working air pressure		Flip angle	
200/220 VAC (50/60 Hz) Single phase		Digital servo motor 3/5-axis		E-touch compact-YC		0.49MPa		90°	
Model	Power consumption	Traverse stroke (mm)	Kick stroke (mm)		Vertical stroke (mm)		Air consumption (NL/cycle)	Payload (kg)	Target IMM clamp capacity (tf)
			Main arm	Sub arm	Main arm	Sub arm			
YCII-600S	S type 2.2 kVA 200 VAC 11.0 A	2200 (2500)	1060	—	1300 (1550)	—	18.0 (ECO Vacuum OFF)	15	400-650
YCII-600D			930	930		1300 (1550)	10.0 (ECO Vacuum ON)		
YCII-800S-e	D type 2.8 kVA 200 VAC 14.0 A		1160	—	1550	—	22.0 (ECO Vacuum OFF)		550-1000
YCII-800D-e			1030	1030		1550	13.0 (ECO Vacuum ON)		

S type : Robot is equipped with main arm only. D type : Robot is equipped with main arm and sub arm.
() : Modified stroke
Payload includes the end-of-arm tool.



(mm)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
YCII-600S	3317 (3617)	2200 (2500)	1737	2353	1727 (1852)	1300 (1550)	244	—	—	1200	140	1060	—	—	1688 (1813)
YCII-600D								1300 (1550)	309		270	930	930	170	
YCII-800S-e			1857	2473	1852	1550	184	—	—	1300	140	1160	—	—	1813
YCII-800D-e								1550	249		270	1030	1030	170	

() : Modified stroke

YCII-600S/D, YCII-800S/D-e

All-Axis Servo Driven Type Take-Out Robot

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