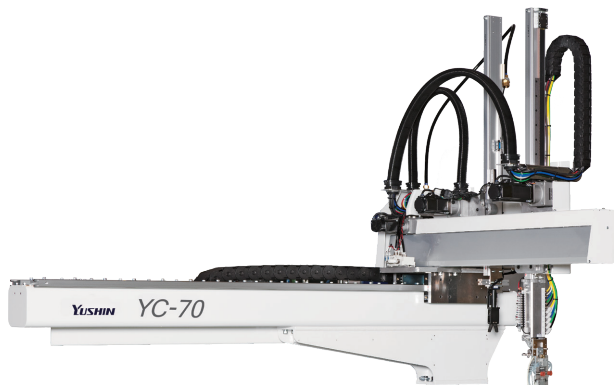


Separate catalog available

- 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]

YC-70S/D

Energy-saving model featuring optimized air suction along with lighter weight and improved vibration resistance thanks to design optimization technology



Clamping force

30 - 80 tf

S

Standard

Vibration control

Optimized design + Power-saving

All-axis servo-driven



For CE supported languages, Please contact our sales department.

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 YC-70 is sized for small molding machines with clamping forces from 30 to 80 tf.

Equipped with E-touch compact-YC as standard



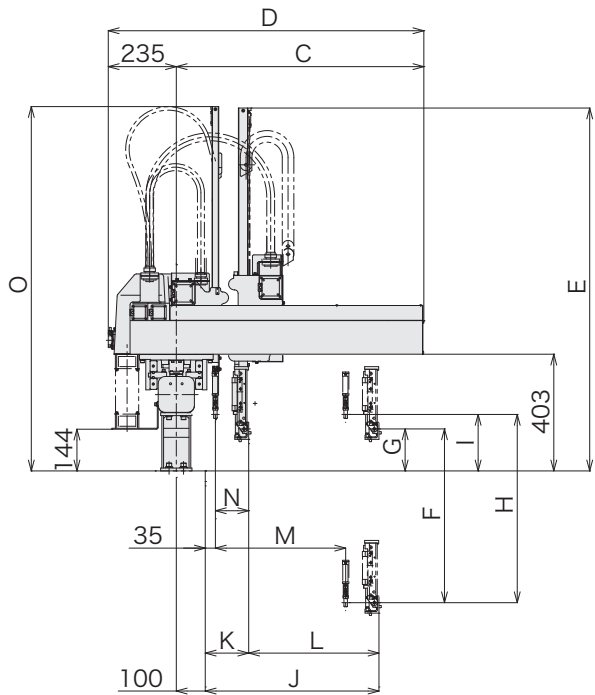
- ECO Vacuum®
 - ECO Monitor®
 - Predictive Maintenance*
- * Continuously monitors take-out robot during operation and alerts operator with a message if any signs of potential trouble are detected.

Standard Specifications

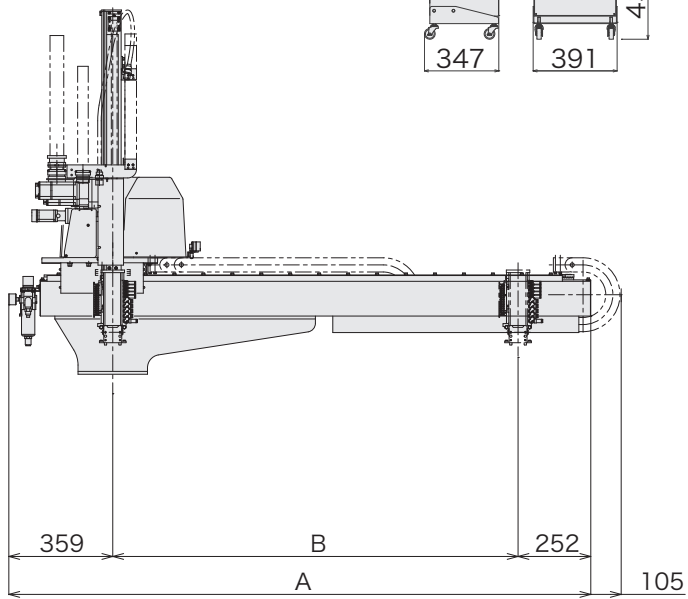
Power supply		Drive method		Controller model		Working air pressure		Flip angle	
200/220 VAC (50/60 Hz) Single phase		Digital servo motor 3/5-axis		E-touch compact-YC		0.49MPa		90°	
Model	Power consumption	Traverse stroke (mm)	Kick stroke (mm)		Vertical stroke (mm)		Air consumption (NL/cycle)	Payload (kg)	Target IMM clamp capacity (tf)
			Main arm	Sub arm	Main arm	Sub arm			
YC-70S	1.4 kVA 200 VAC 7.0 A	1100 (1400) (1700)	500	—	600 (700)	—	3.2 (ECO Vacuum OFF)	3	30-80
YC-70D	1.7 kVA 200 VAC 8.5 A		450	450		650 (750)	1.0 (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.

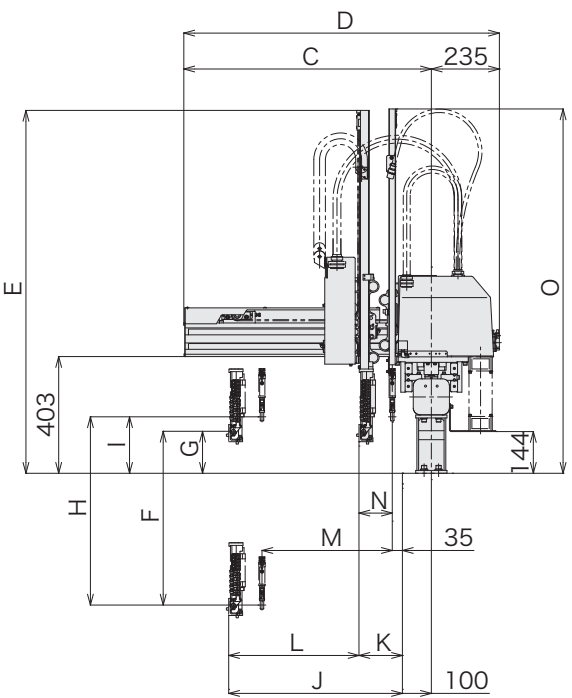
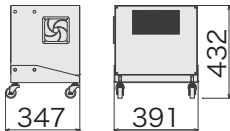
Rear (Non-operator) Side Discharge Direction (mm)



Operator Side Discharge Direction (mm)



Control Box (mm)



Model	A	B	C	D	E	F	G	H
YC-70S	1711 (2011) (2311)	1100 (1400) (1700)	855	1090	1253 (1353)	600 (700)	145	—
YC-70D								650 (750)

Model	I	J	K	L	M	N	O
YC-70S	—	600	100	500	—	—	—
YC-70D	195		150	450	450	115	1258 (1358)

() : Modified stroke

YC-70S/D

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