

- 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**

RC-70S/D

Offering speed, reliability, and energy savings with a wide range of scalable functions



Clamping force 30 - 80 tf

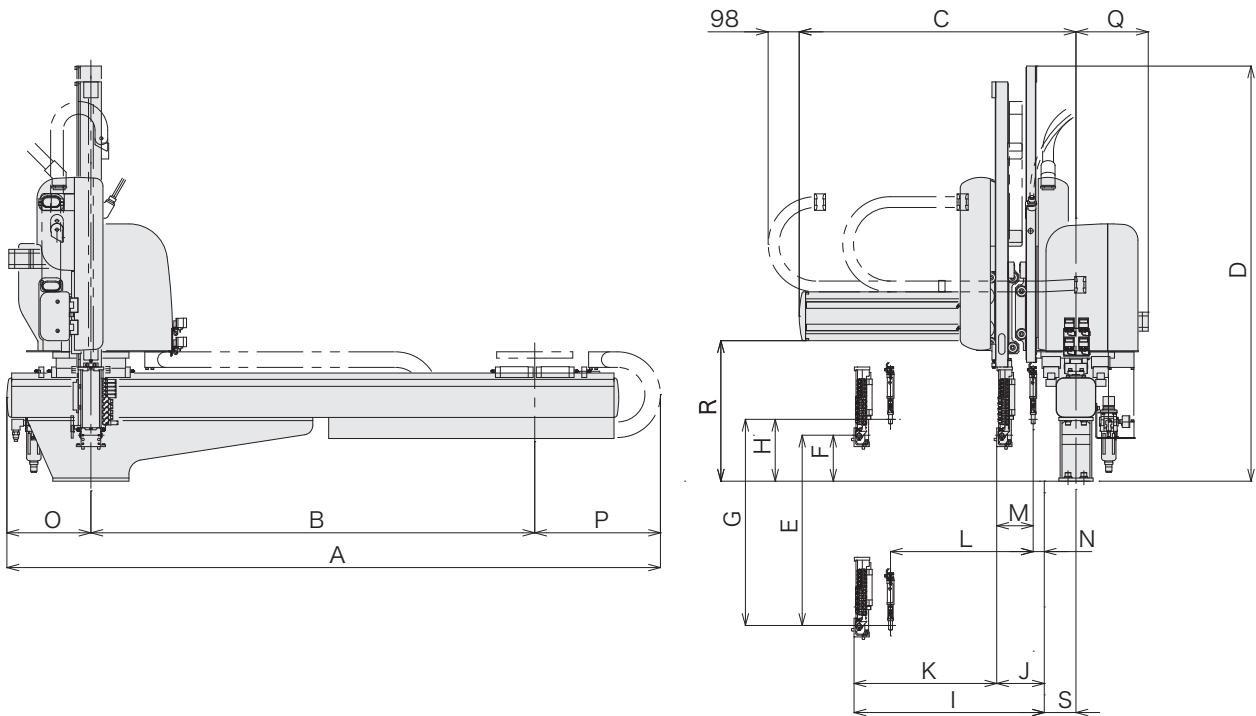
High end

Vibration control

Power-saving

All-axis servo-driven

Separate catalog available



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RC-70S/D

Equipped with E-touch II as standard

The RC-70 series consists of all-axis servo driven type take-out robots that support a network of small molding machines. The RC-70 is sized for small molding machines with clamping forces from 30 to 80 tf. A frame that ensures high precision and high-speed motions has been adopted for the traverse axis as the main driving mechanism.

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 II		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			
RC-70S	0.9 kVA Single phase 200 VAC 4.3 A	1400 (1700)	500	—	600 (700)	—	4.0 (ECO Vacuum OFF)	3	30-80
RC-70D	1.1 kVA Single phase 200 VAC 5.5 A		450	450		650 (750)	1.3 (ECO Vacuum ON)		

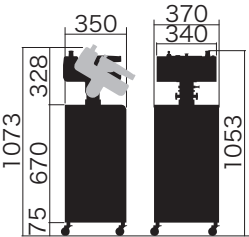
S type : Robot is equipped with main arm only. D type : Robot is equipped with main arm and sub arm.  
( ) : Modified stroke  
Payload includes the end-of-arm tool.

(mm)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
RC-70S	2062 (2362)	1400 (1700)	873	1259 (1363)	600 (700)	145	—	—	600	100	500	—	—	35	265	397	228	443	100
RC-70D				1309 (1413)			650 (750)	195		150	450	450	115						

( ) : Modified stroke

Controller (mm)



All-Axis Servo Driven Type Take-Out Robot