

# WEBLINER

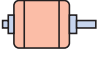
## RAII- $\alpha$ -400S/D, RAII- $\alpha$ -600S/D-e

### ■ Features



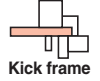
Clamping force

280~650 ton



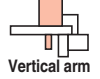
Number of servo axes

3/5-axis



Kick frame

Dual support type



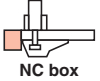
Vertical arm

2-stage telescopic type



Guide section

Yushin linear rail



NC box

On robot body



Controller

E-touch Web

### Equipped with E-touch Web Controller as standard

These models are applicable for a middle-size molding machine with a clamping force 280~650 ton. They are equipped with highly-rigid steel traverse frame and highly-functional E-touch Web controller, both of which make these models reliable. RAII- $\alpha$ -600-e, one size larger than RAII- $\alpha$ -400, is applicable for comparatively light middle-size molded products (under 10 kg) and designed to advance the price-performance configuration.

SERVO TRAVERSE ROBOT

SINGLE-AXIS SERVO-DRIVEN TRAVERSE ROBOT

SWING ROBOT

SIDE ENTRY HIGH SPEED ROBOT

TAKE-OUT ROBOT FOR VERTICAL INJECTION MOLDING MACHINE



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

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■ Standard Specification

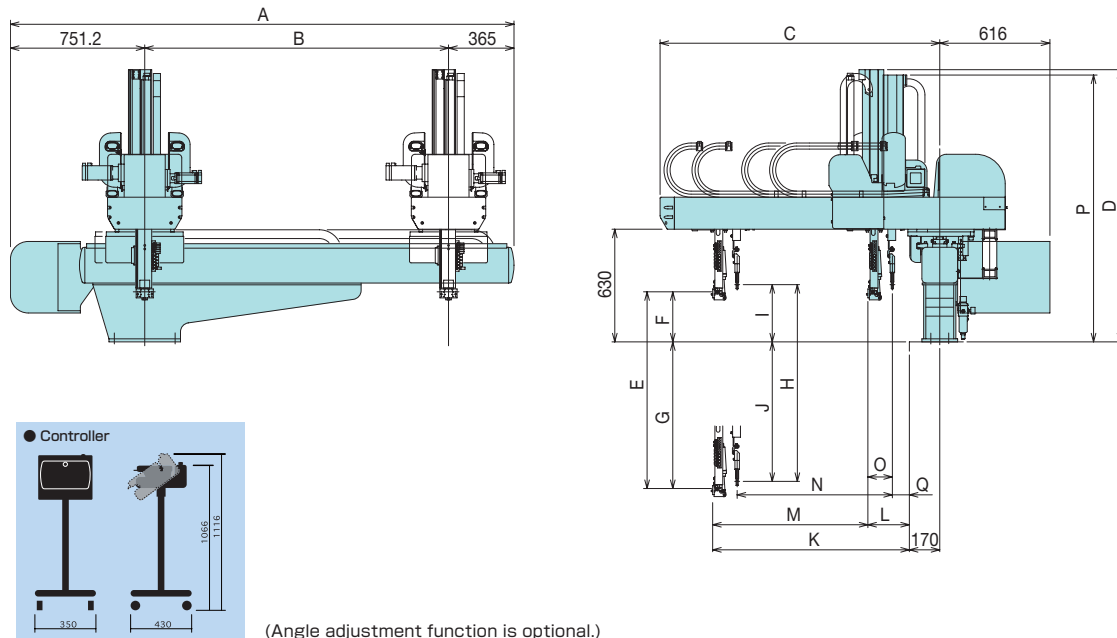
Power source	Driving method	Control method	Air pressure	Maximum air pressure	Wrist flip angle
AC200V (50/60Hz)	Digital servo motor (3/5-axis)	Micro computer control	0.49MPa	0.79MPa	90deg.

Model	Maximum power consumption	Traverse stroke (mm)	Kick stroke (mm)		Vertical stroke (mm)		Air consumption (ℓ (normal) /cycle)	Maximum payload (Including end-of-arm tool)	Clamping force (ton)	Main unit weight (kg)
			Main arm	Sub arm	Main arm	Sub arm				
RAII-α-400S	S type Single phase	1700 (1900)	1000	—	1100	—	16	Less than 10kg*	280~450	506
RAII-α-400D	AC200V 11A	<2200>	868	868		1100				536
RAII-α-600S-e	D type Single phase	2200	1100	—	1300	—	21	400~650	543	
RAII-α-600D-e	AC200V 14A	<2500>	968	968		1300			576	

( ) Type L, < > Type LL

\* The payload varies depending on the take-out robot speed setting.

■ Dimensions (mm)



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
RAII-α-400S	2816.2	1700	1564	1522	1100	280	820	—	—	—	1100	100	1000	—	—	—	—
RAII-α-400D	(3016.2)	(1900)						1100	320	780		232	868	137	1492	95	
RAII-α-600S-e	3316.2	2200	1664	1622	1300	190	1110	—	—	—	1200	100	1100	—	—	—	—
RAII-α-600D-e	(3616.2)	(2500)						1300	230	1070		232	968	137	1592	95	

( ) Type L, < > Type LL

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