

## RA II - $\alpha$ -150-DW

Specialized for 2-color or multi-material molding  
Model that adjusts to nozzle pitch

Clamping force 30 - 220 tf

LOW Low posture (Double speed mechanism)

All-axis servo-driven



### Ideal for Two-Color or Multi-Material Molding

Two robot arms working in tandem allow a single RAII- $\alpha$ -150-DW robot to simultaneously extract molded parts and runners from both molds in a 2-color molding machine.

### Standard Specifications

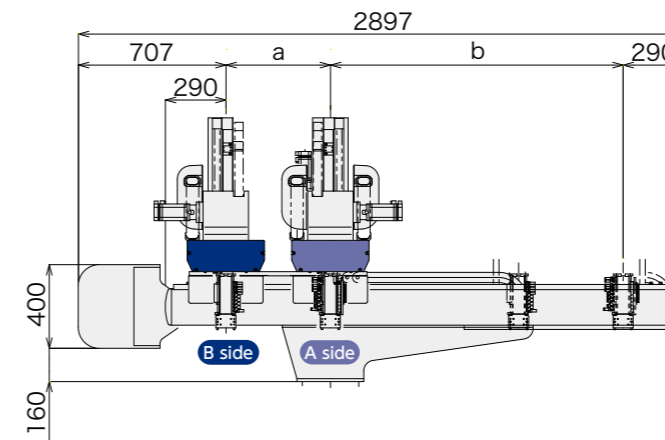
Power supply	Drive method	Controller model	Working air pressure	Flip angle
1 phase AC200 V (50/60 Hz)	Digital servo motor 7-axis	E-touch Web II	0.49 MPa	90°

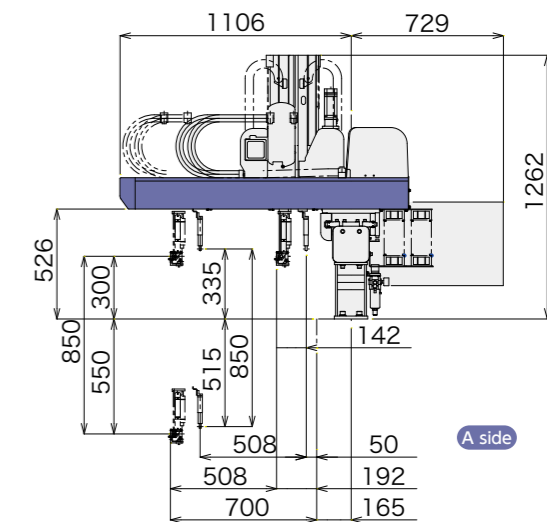
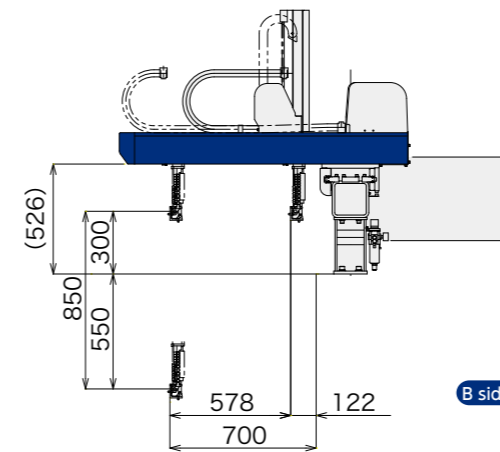
Model	Power consumption	Traverse stroke [mm]*1	A side				B side				Air consumption [NL/cycle]	Payload [kg]
			Kick stroke [mm]		Vertical stroke [mm]		Kick stroke [mm]		Vertical stroke [mm]			
			Main arm	Sub arm	Main arm	Sub arm	Main arm	Sub arm	Main arm	Sub arm		
RAII- $\alpha$ -150-DW	1 phase 3.8 kVA AC200 V 18.8 A	1400 1500	508	508	850	850	578	-	850	-	14	5

(Arm units for the A side and B side may be selected by the customer according to the application.)  
Payload includes the end-of-arm tool.  
\*1 1400 when nozzle pitch is 500 mm, 1500 when nozzle pitch is 400 mm

### Operator Side Discharge Direction [mm]



Nozzle pitch	a	b
500	500	1400
400	400	1500



### We provide solutions to your unique cutting needs

Yushin offers different options for cutting gates, sprues, and runners. A variety of cutting options are available, including nipper units and other precision cutting units.

#### Features

We have a selection of installations that cater to your needs, including the full range from rough cutting to precision cutting with quality cutting surfaces and efficient operation that minimizes the impact on cycle time.

