

YA II -3000S

Cost-efficient take-out robot for automobile parts and other very large products



Clamping force 1500 tf or greater

Low posture
(Double speed mechanism)

All-axis servo-driven

Servo-driven take-out robot with excellent cost efficiency

This series was developed to extract very large and heavy molded products. This robot is suitable for large molding machines with clamping force over 1500 tf.

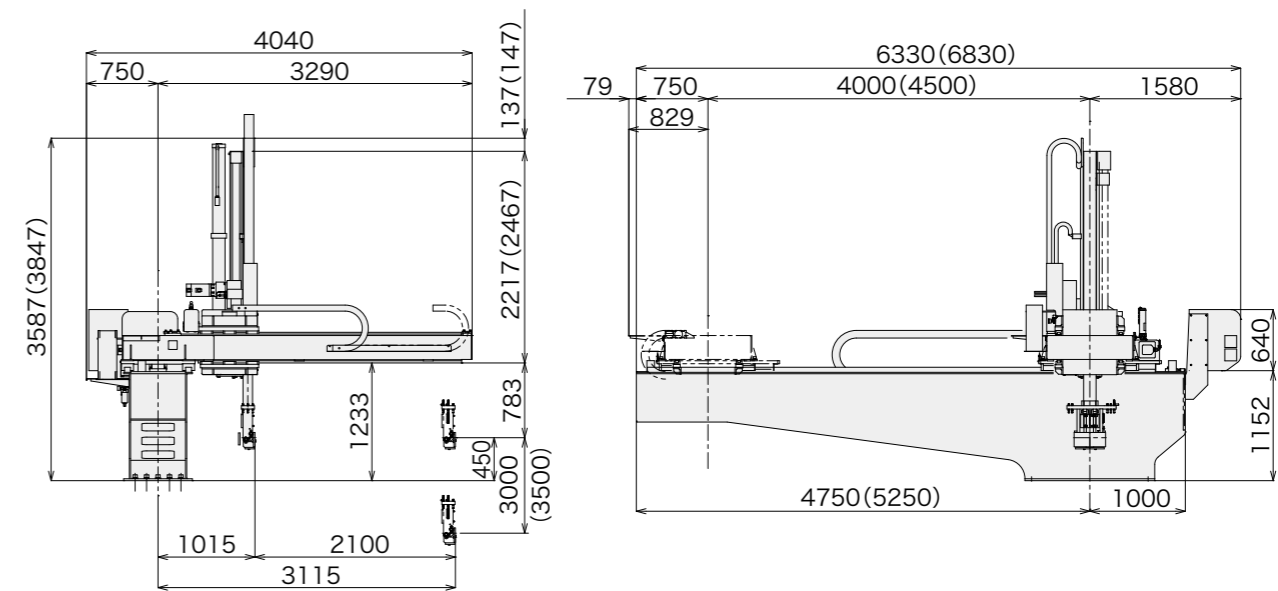
Equipped with the user-friendly E-touch compact II as its standard controller, this robot contributes to automation and labor saving at molding plants.

Standard Specifications

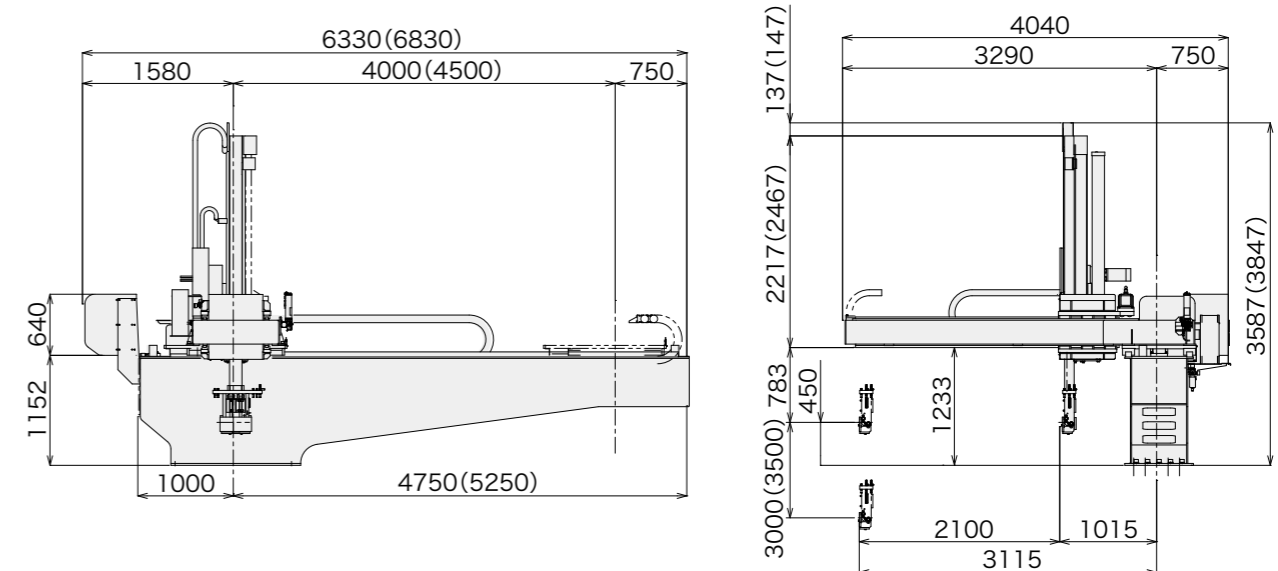
Power supply	Drive method	Controller model	Working air pressure	Flip angle					
3 phase AC200/220 V (50/60 Hz)	Digital servo motor 3-axis	E-touch compact II	0.49 MPa	90°					
Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]		Vertical stroke [mm]		Air consumption [NL/cycle]	Payload [kg]	Target IMM clamp capacity [tf]
			Main arm	Sub arm	Main arm	Sub arm			
YAII-3000S	6.0 kVA AC200 V 17.3 A	4000 (4500)	2100	—	3000 (3500)	—	230	100	1500 or more

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

■ Rear (Non-operator) Side Discharge Direction [mm]



■ Operator Side Discharge Direction [mm]



() : Modified stroke

All-Axis Servo Driven Type Take-Out Robot

All-Axis Servo Driven Type

Swing Type

Side Entry Type

For Vertical Molding Machine

Stock System

Product Series Guide [P11]

YAII-3000S