

## YA II -2500S

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

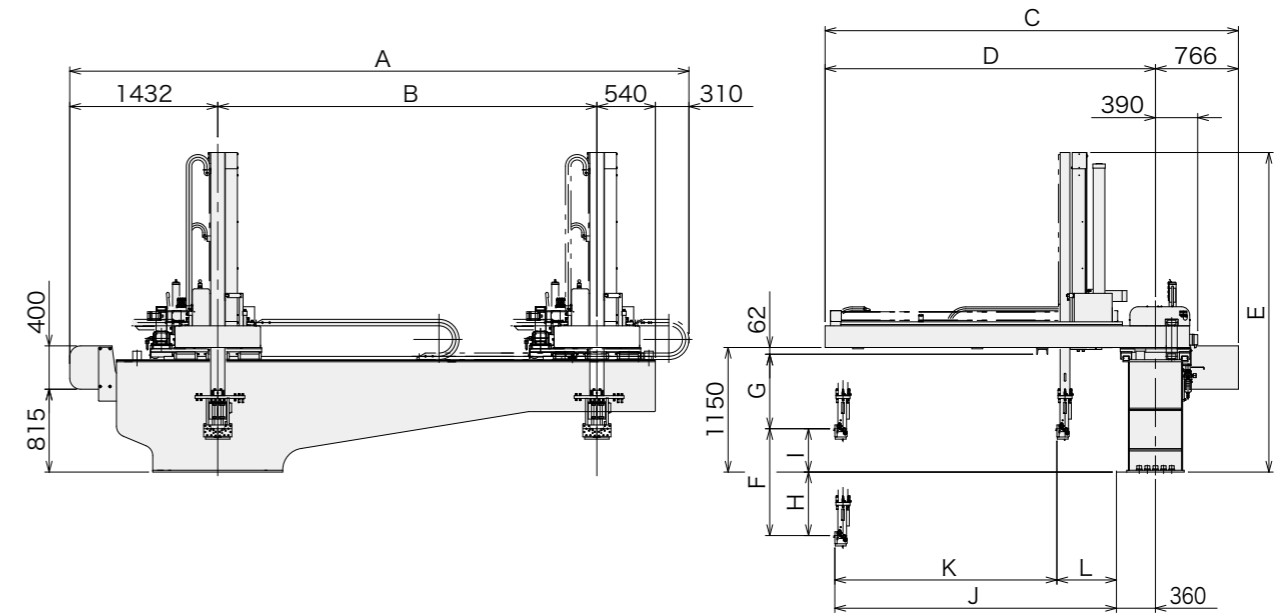


**Clamping force** 1500 tf or greater

**Low posture**  
(Double speed mechanism)

**All-axis servo-driven**

Dimensional Drawings [mm]



### 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-2500S	3.8 kVA AC200 V 12.4 A	3500 (4500) (5000)	2050	—	2500 (3000)	—	132	50 (80)	1500 or more

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

[mm]

Model	A	B	C	D	E	F	G
YAII-2500S	5782 (6782) (7282)	3500 (4500) (5000)	3816	3050	2950 (3190)	2500 (3000)	688
YAII-2500S Increased maximum payload							718

Model	H	I	J	K	L
YAII-2500S	2100 (2600)	400	2600	2050	550
YAII-2500S Increased maximum payload	2130 (2630)	370	2610		560

( ) : Modified stroke