

RB II -2500S

For reliable take-out of very large molded products such as automobile parts and housing materials



Clamping force 1500 tf or greater

Low posture
(Double speed mechanism)

All-axis servo-driven

Equipped with E-touch II as standard

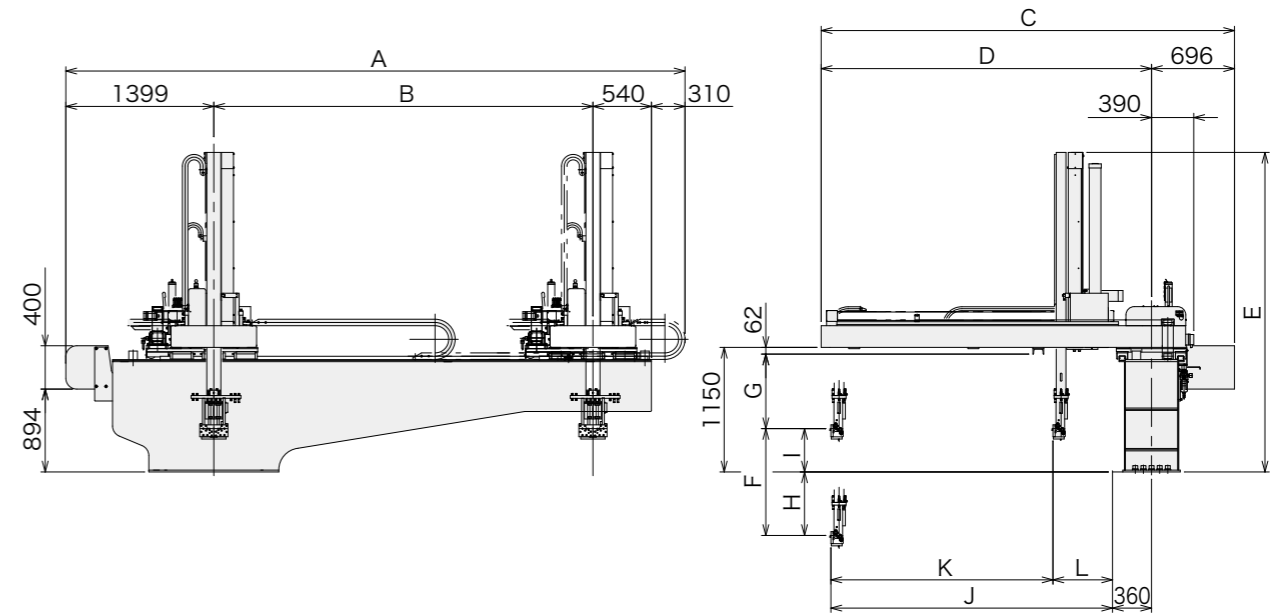
This series was developed to extract very large and heavy molded products. This robot is suitable for large molding machines with clamping force over 1500 tf. Equipped with the highly-functional E-touch II as standard, this robot contributes to automation and labor saving in molding plants for very large products.

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 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 | | | |
| RBII-2500S | 3.8 kVA AC200 V 10.8 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.

Dimensional Drawings [mm]

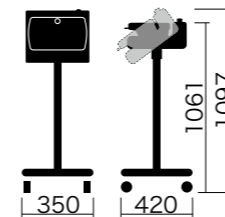


[mm]

| Model | A | B | C | D | E | F | G | H | I | J | K | L |
|--------------------------------------|-------------|--------------------|------|------|-------------|-------------|-----|-------------|-----|------|------|-----|
| RBII-2500S | 5749 (6749) | 3500 (4500) (5000) | 3746 | 3050 | 2950 (3190) | 2500 (3000) | 688 | 2100 (2600) | 400 | 2600 | | 550 |
| RBII-2500S Increased maximum payload | | | | | | | 718 | 2130 (2630) | 370 | 2610 | 2050 | 560 |

() : Modified stroke

Controller [mm]



Adjustable viewing angle feature is optional.

All-Axis Servo Driven Type

Swing Type

Side Entry Type

For Vertical Molding Machine

Stock System

Product Series Guide [P11]

All-Axis Servo Driven Type Take-Out Robot