

1 All-Axis Servo Driven Type Take-Out Robot

RCII-800S/D

RC II -800S/D

Offering speed, reliability, and energy savings with a wide range of scalable functions



For CE supported languages. Please contact our sales department.

Clamping force 550 - 1000 tf

High end

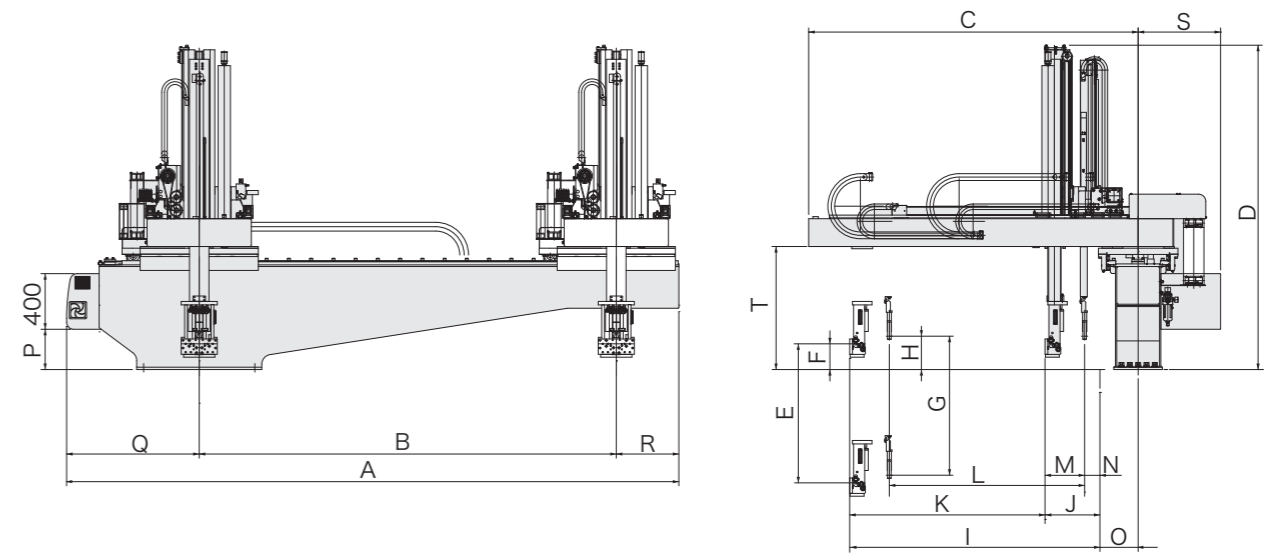
Vibration control

Power-saving

Low posture
(Double speed mechanism)

All-axis servo-driven

Separate catalog available

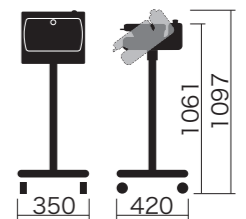


(mm)

| Model | A | B | C | D | E | F | G | H | I |
|-----------|--------------------------------------|--------------------------------------|------|------|----------------------------|----------------------------|----------------------------|----------------------------|------|
| RCII-800S | 3404 | 2000 | 1895 | 2175 | 1550 | 330 | (1800) (2100) (2500) | — | 1300 |
| RCII-800D | (3904) (4404) (4904) (5904) | (2500) (3000) (3500) (4500) | | | (2300) (2450) (2650) | (1800) (2100) (2500) | 1550 | (1800) (2100) (2500) | 385 |

| Model | J | K | L | M | N | O | P | Q | R | S | T |
|-----------|-----|------|-----|-----|----|-----|-----|-----|-----|-----|-----|
| RCII-800S | 160 | 1140 | — | — | — | 330 | 290 | 954 | 450 | 593 | 885 |
| RCII-800D | 330 | 970 | 970 | 275 | 55 | | | | | | |

Controller (mm)



() : Modified stroke

Adjustable viewing angle feature is optional.

Developed on the Basic Concepts of Speed, Reliability, and Efficiency, and a Lineup that Includes Large Models

- High-speed**
Completely redesigned arm and kick units dramatically reduce take-out time compared to previous models.
- Reliability**
Increased rigidity of the take-out robot and vibration damping applied to the arm delivers steady take-out and release action.
- Energy saving**
The standard-equipped ECO Vacuum reduces air consumption while manipulating molded parts to lower operating costs for the user.
- E-touch II**
The RC series' advanced E-touch II features a 10.4-inch full-color touch screen for easy operation.

Standard Specifications

| Power supply | Drive method | Controller model | Working air pressure | Flip angle |
|-----------------------------------|---------------------------------|------------------|----------------------|------------|
| 200/220 VAC (50/60 Hz) 3 phase | Digital servo motor 3/5-axis | E-touch II | 0.49MPa | 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 | | | |
| RCII-800S | 2.7 kVA 3 phase 200 VAC 7.6 A | 2000 (2500) (3000) (3500) (4500) | 1140 | — | 1550 (1800) (2100) (2500) | — | 49.4 (ECO Vacuum OFF) | 25 (35) (50) | 550-1000 |
| RCII-800D | 3.6 kVA 3 phase 200 VAC 10.4 A | | 970 | 970 | 1550 (1800) (2100) (2500) | | 35.7 (ECO Vacuum ON) | | |

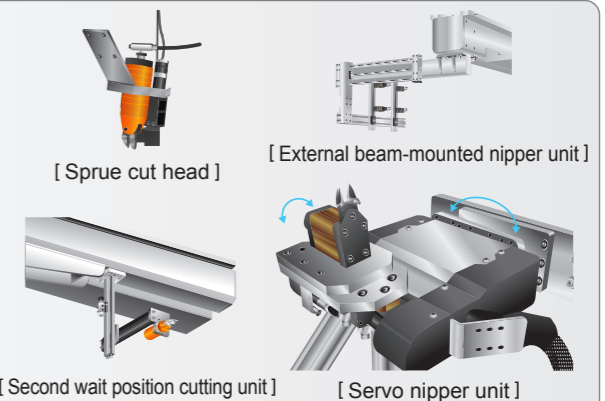
S type : Robot is equipped with main arm only. D type : Robot is equipped with main arm and sub arm.
() : Modified stroke () : Increased maximum payload Payload includes the end-of-arm tool.

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.



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