

Separate catalog available

## J-HOP

Runner take-out robot for vertical molding machines with an articulated take-out arm to save space



Clamping force 20 - 100tf

Standard

Compact design

Servo + Air-driven

### Compact Design Saves Space

The J-HOP offers 1380 mm horizontal moving distance from mold center to sprue runner release point, even though the overall robot width is approximately half of the conventional model.

### Stable High-Speed Operation Driven by Servo Motor

Articulated arms powered by a servo motor reduce the robot footprint, which allows a granulator or other machine to be installed near the rear side of the molding machine. This feature also shortens take-out time.

#### Standard Specifications

Power supply	Drive method	Controller model	Working air pressure
200 VAC (50/60 Hz) Single phase	Digital servo motor (1-axis) Air cylinder	GIIB-type controller	0.5MPa

Model	Power consumption	Entry stroke (mm)	Vertical stroke (mm)	Horizontal rotation	Air consumption (NL/cycle)	Payload (kg)	Target IMM clamp capacity (tf)
J-HOP 650R-R	0.45 kVA 200 VAC 2.25 A	Stroke 680	90	Select 0°, 45°, 90°, 135° or 180°	2.6	1	20-100
J-HOP 650R-L							
J-HOP 650RX-R		Release position 1380					
J-HOP 650RX-L							

Payload includes the chuck and end-of-arm tool.

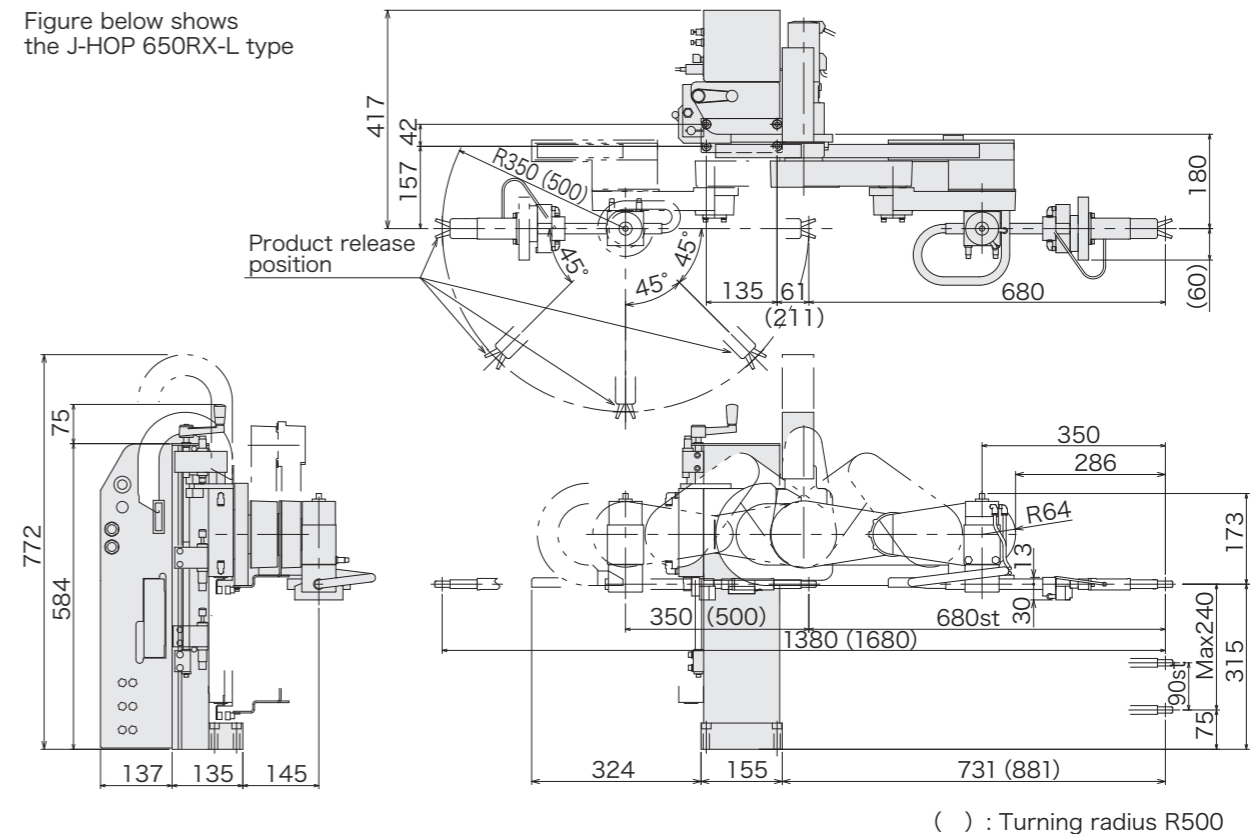
○ Type L : Main unit is on left side of arm. Type R : Main unit is on the right side of arm.

#### Options

Options	Explanation of each option
X specification	When molded products are released onto a conveyor or a chute, the chuck unit flips 180 degrees to release the products without damaging them.
Custom color	The main body, frame covers, control box, and operation box can be painted with colors specified by customers.
Enable switch (2 positions)	The touch switch on the touch screen becomes active only while the operator is pressing this switch.
Mount for horizontal extraction (Standalone type)	This is a separate mount on which the take-out robot is installed when there is no space to install the take-out robot on the molding machine bed.
Mount for horizontal extraction (On molding machine type)	This robot mount is installed on the molding machine when the take-out robot cannot be installed directly on the molding machine bed.

We offer an assortment of options. Please inquire with your local Yushin sales representative for details.

Figure below shows the J-HOP 650RX-L type



### Introducing our Robot Tooling and Accessory Guide (EOAT Parts Catalog)

What are you looking for in end-of-arm tools?

- Make new tools
- Make tool exchanges more efficient
- Modifying or repairing parts



Yushin has the solution for you.

