

## RB II -3000S-HS

Shorter production cycle for very large molded products such as automobile parts and housing supplies



**Clamping force** 1500tf or greater

**High speed** **Low posture** (Double speed mechanism)

**All-axis servo-driven**

The photo shows a robot equipped with an optional Servo Wrist Unit.

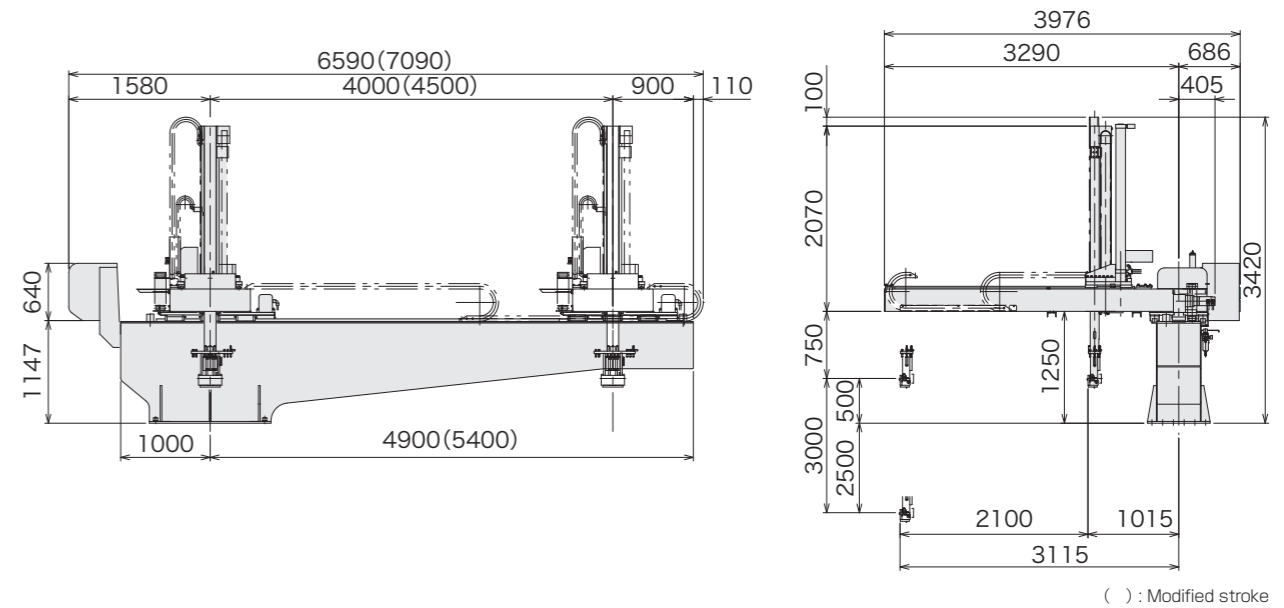
### High-speed take-out robot for very large molded products

Ultra-large high-speed take-out robot RBII-3000S-HS, suitable for a molding machine with a clamping force over 1500 tf, extracts very large molded products such as automobile parts, home electric appliance products, and housing-related products at high speed. This robot, whose shortest take-out dry cycle time is 2.90 seconds, contributes to manufacturing efficiency by shortening take-out times remarkably. Also, robot operation is easy with the standard-equipped 10.4-inch full-color touchscreen controller.

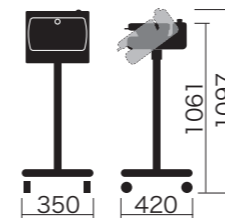
#### Standard Specifications

Power supply	Drive method	Controller model	Working air pressure	Flip angle					
200/220 VAC (50/60 Hz) 3 phase	Digital servo motor 3-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			
RBI-3000S-HS	6.0 kVA 200 VAC 17.3 A	4000 (4500)	2100	—	3000	—	200	50	1500 or more

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



#### 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]