

## YA II -3000S

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



**Clamping force** 1500tf or greater

**Low posture**  
(Double speed mechanism)

**All-axis servo-driven**

### 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

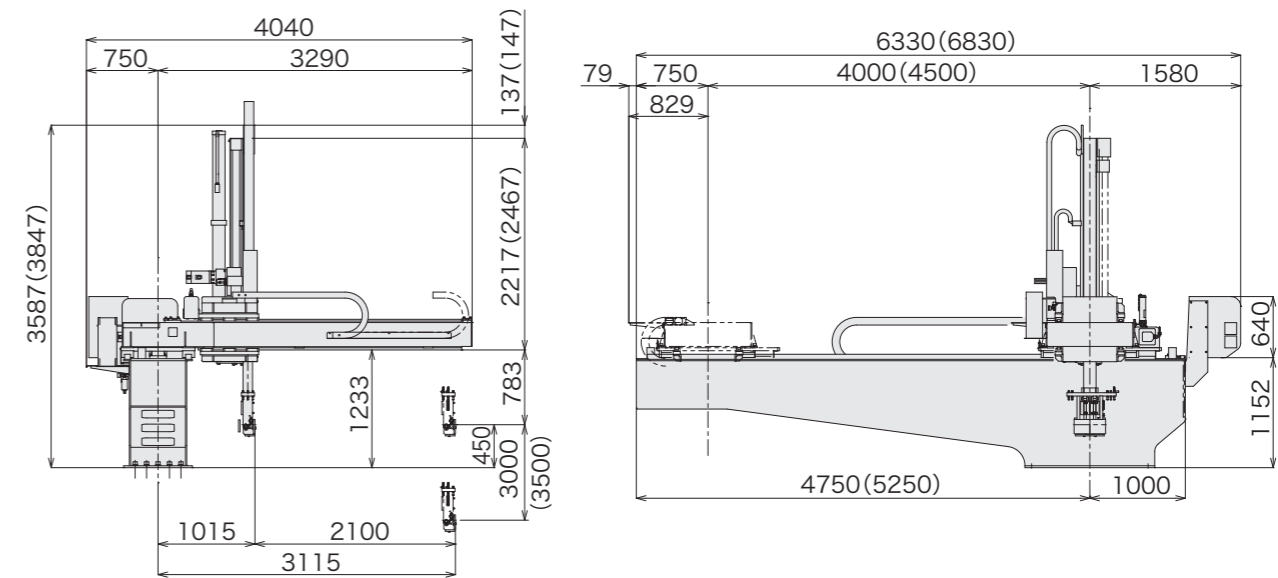
| Power supply                      | Drive method                  | Controller model   | Working air pressure | Flip angle |
|-----------------------------------|-------------------------------|--------------------|----------------------|------------|
| 200/220 VAC<br>(50/60 Hz) 3 phase | Digital servo motor<br>3-axis | E-touch compact II | 0.49MPa              | 90°        |

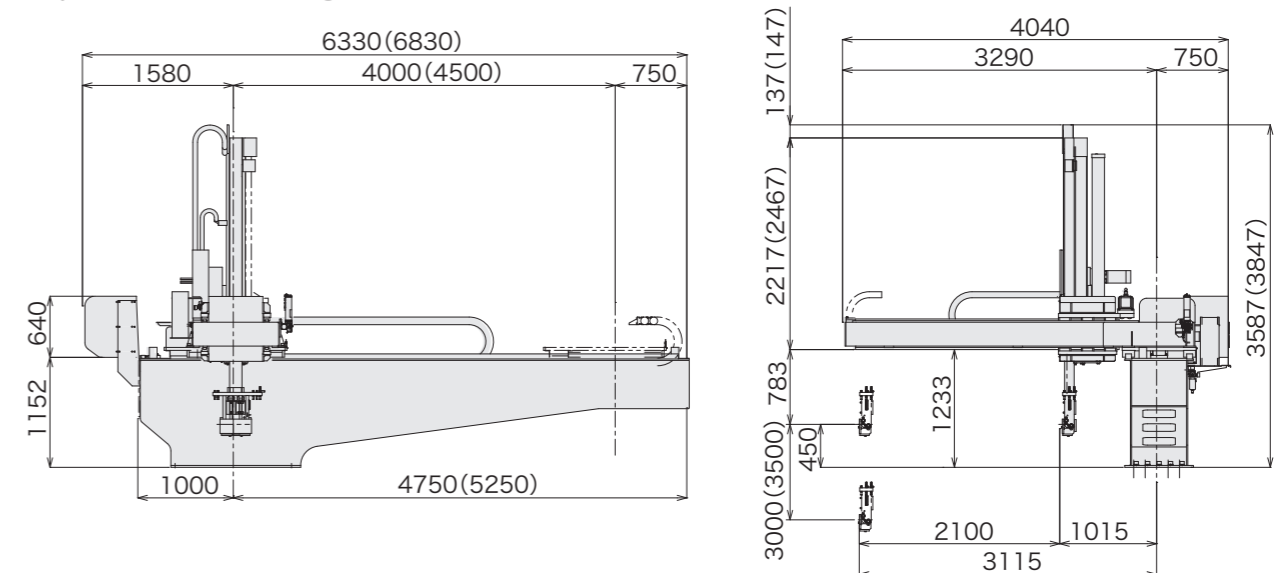
| Model      | Power consumption         | Traverse stroke [mm] | Kick stroke [mm] |         | Vertical stroke [mm] |         | Air consumption [NL/cycle] | Payload [kg] | Target IMM clamp capacity [tf] |
|------------|---------------------------|----------------------|------------------|---------|----------------------|---------|----------------------------|--------------|--------------------------------|
|            |                           |                      | Main arm         | Sub arm | Main arm             | Sub arm |                            |              |                                |
| YAII-3000S | 6.0 kVA<br>200 VAC 17.3 A | 4000<br>(4500)       | 2100             | —       | 3000<br>(3500)       | —       | 230                        | 100          | 1500 or more                   |

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

■ Rear (Non-operator) Side Discharge Direction (mm)



■ Operator Side Discharge Direction (mm)



( ) : Modified stroke