**All-Axis Servo Driven Traverse Type Take-Out Robot**

## YCII-70S/D

**Features**

- 30~80tf
- 3/5-axis
- Single support type
- Reduced overall height type
- On robot body

### E-touch compact-YC

The E-touch compact-YC is a reduced overall height type on the robot body. It includes features such as ECO Vacuum, ECO Monitor, and Predictive Maintenance. It decreases the overall height, making it easier to install in limited spaces. The E-touch compact-YC also includes predictive maintenance functions that monitor the robot's operation and alert the operator to potential issues.

**Specifications**

- **Power source**: Single phase AC200V/220V 50/60Hz
- **Driving method**: Digital servo motor 3/5-axis
- **Control method**: Micro computer control
- **Air pressure**: 0.49MPa Maximum allowable air pressure (factory) 0.7MPa
- **Wrist flip angle**: 90 deg.

### Standard Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Power consumption</th>
<th>Traverse stroke (mm)</th>
<th>Kick stroke (mm)</th>
<th>Vertical stroke (mm)</th>
<th>Air consumption (NL/cycle)</th>
<th>Payload (kg)</th>
<th>Clamping force (tf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>YCII-70S</td>
<td>S type 1.4kVA AC200V 7.0A</td>
<td>1100 [1400]</td>
<td>600 (700)</td>
<td>–</td>
<td>3.2 (ECO Vacuum OFF)</td>
<td>3</td>
<td>30 ~ 90</td>
</tr>
<tr>
<td></td>
<td>D type 1.9kVA AC200V 8.5A</td>
<td>442 442</td>
<td>660 (750)</td>
<td>–</td>
<td>1.0 (ECO Vacuum ON)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note**

- S type: Robot is equipped with product take-out arm only.
- D type: Robot is equipped with product take-out arm and runner take-out arm.
- Modified traverse stroke
- Modified vertical stroke
- Payload includes the end-of-arm tool.
- Higher payloads possible depending on take-out settings and speeds.

### Dimensions (mm)

The dimensions of the YCII-70S/D robot are as follows:

- **Model**: YCII-70S/D
- **X**: 592
- **Y**: 442
- **Z**: 442
- **K**: 125
- **L**: 125
- **M**: 125
- **N**: 125
- **O**: 125

These dimensions are crucial for ensuring proper installation and operation of the robot in various applications.