Single-Axis Servo Driven Type Take-Out Robot

ATC-II-150S/D

Features
- 50~220 tf
- Single-axis (Traverse axis)
- Reduced overall height type
- Single support type
- G2B-type controller

Hybrid Robot with Outstanding Price Performance and Low-Profile Design

The ATC-II-150 is a hybrid robot with a servo-powered traverse axis and pneumatic vertical and kick axes, and fast, 2-stage (telescopic) arms for a lower profile to fit low-clearance plants. Its lightweight handheld G2B controller has a highly visible LCD display and includes an SD memory card port for backing up or sharing data. The ATC-II-150 is available in S (main arm only) or D (main and sub arms) configurations and fits 50 to 220 tf molding machines.

Standard Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Power source</th>
<th>Driving method</th>
<th>Control method</th>
<th>Air pressure</th>
<th>Maximum allowable air pressure (factory)</th>
<th>Wrist flip angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATC-II-150S</td>
<td>AC200V (50/60Hz)</td>
<td>Digital servo (single axis)</td>
<td>Air cylinder (max 4 axes)</td>
<td>0.49MPa</td>
<td>0.70MPa</td>
<td>90 deg.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Power consumption</th>
<th>Traverse stroke (mm)</th>
<th>Vertical stroke (mm)</th>
<th>Air consumption (NLCycle)</th>
<th>Payload</th>
<th>Clamping force (tf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATC-II-150S</td>
<td>S type/D type</td>
<td>150 (1000), 1400 (1700), 1900 (1900)</td>
<td>850 (100), 850 (100), 850 (100)</td>
<td>17</td>
<td>Less than 3kg</td>
<td>50 ~ 220</td>
</tr>
</tbody>
</table>

Dimensions (mm)

Payload includes the end-of-arm tool.

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.

Type L, Type LL