Effective and Multi Function and Optimum Mechanism Take Out Robot

HYBRID Series

HYBRID 400D ~ 1300D
New HYBRIID Series

Take-Out Robot

Effective and Multi Function Take Out Robot, Optimum Mechanism for 3 Plate Mold-Doule Arm Robot

Features

- Injection Molding Machine: For 280 ~ 1300 Tons Horizontal
- Servo Motor Axis: Max. 5 Axis
- Motion Guide: High Strength and Low noise LM Guide on all Axis
- Kick (Reach) Frame: Double Support Type
- Vertical Arm Structure: Telescopic Arm (2 Step)
- Main Controller Location: Body Attached (Less foot print)
- Main Arm: Full Digital Servo Motor on All Axis
- Sub Arm: Pneumatic operation for Kick (Reach) and Descent

Features Series

- Take out Arm (Main Arm, Sub Arm or Both)
- Vacuum (Use or No Use)
- Chucking (Use or No Use)
- Main Arm Gripper (Use or No Use)
- Sub Arm Gripper (Use or No Use)
- Outside Waiting (Use or No Use)
- Main Arm Descent (From Fixed Platen or Moveable Platen)
- Chuck Rotation during Traverse (Use or No Use)
- Main Arm Open (No Use, In Mold or Stack Open)
- Sub Arm Open (No Use, In Mold, In Traverse or In Return)
- Ejector Control (No Use, Descent or Take Out)
- Ejector Number (1 ~ 2 Times)
- Cycle Start (After ascent complete or Traverse start)
- J Motion (No Use, Sub Arm, Main Arm or Both)

HYwin1.0 Robot Controller

- HYwin1.0 Robot Controller (New and Upgraded)
- Advanced but simple control in 10.4” Large TFT LCD Screen with Full Color display
- Expandable and Flexibility with Windows XP Operating Systems.
- Internet Customer support with Camera Phone.
- Production Monitoring through network connection.

Model: HYBRIID-200D

- Y: 5.7 Touch Controller
- F: 10.4 Touch Controller

Model Traverse

<table>
<thead>
<tr>
<th>Standard</th>
<th>Main Arm</th>
<th>Sub Arm</th>
<th>Main Arm</th>
<th>Sub Arm</th>
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<td>ASCENT</td>
<td>1700</td>
<td>2000</td>
<td>1300</td>
<td>1100</td>
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<tr>
<td>DESCENT</td>
<td>1300</td>
<td>1100</td>
<td>825</td>
<td>750</td>
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Model Traverse

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<tr>
<th>Air Consumption</th>
<th>3phase AC220V (50/60Hz) Servo Motor</th>
<th>Micro Computer</th>
<th>Pneumatic Pressure</th>
<th>Maximum Pneumatic Pressure</th>
<th>Chuck Rotation</th>
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Technical Specification

HYNC-700 (Standard HYBRIID Robot Controller)
- Easy and Simplified Motion Control for Sophisticated Injection Molding Automation.
- 5.7”256 Color touch screen and Servo Jog button and Play back step by step motion control.
- Developed specifically for the molding industry by automation engineers with years of experience in the field.
- Part stacking, palletized insert loading function programmed in control.
- Input, output and logic circuits allow easy integration.
## Dimension

Unit: mm

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<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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All informations is subject to change without notice.

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