Next Generation Automatic Take Out Robot! The Best of the Best!

NEXIA Series

NEXIA 400S ~ 3000S & NEXIA 400D ~ 1300D
Take-Out Robot

Full Digital AC Servo Motor for Each Axis and Multi Functional Next Generation Robot.

NEXIA Series

Features
- Injection Molding Machine: For 280 – 4000 Tons Horizontal
- Servo Motor Axis: From 3 – 7 Axis Servo
- 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)

Standard Features
- 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, In Traverse or In Return)
- Sub Arm Open (No Use, In Mold, In Traverse or In Return)
- Ejector Control (No Use, Descent or Take Out)
- Ejector Backward (Use or No Use)
- Ejector Number (1 – 2 Times)
- Cycle Start (After ascent complete or Traverse start)
- J Motion (No Use, Sub Arm, Main Arm or Both)

Optional Feature
- Robot Nipper installation (No Use or Use)
- External Nipper equipment Installation (No Use, in Robot, External 1 or External 2)

HYNC-700 (Standard Nexia 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.

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: HYBRID-200D
- F: 5.7 Touch Controller
- F: 10.4 Touch Controller

Technical Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Traverse</th>
<th>Ascent/Descent (mm)</th>
<th>Kick/Reach/Stroke (mm)</th>
<th>Electric Consumption</th>
<th>Air Consumption (Internal/External)</th>
<th>Maximum Handling Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYBRID-200D</td>
<td>1300</td>
<td>1200</td>
<td>1050</td>
<td>3 Phase AC220V</td>
<td>4.5 M^3/10^3s</td>
<td>30 kgf</td>
</tr>
</tbody>
</table>
All information is subject to change without notice.