Supersize

High Performance, Reliable AC Servo Take out Robot

NEXiA Series

NEXIA 2000, 2500, 3000
Genuine AC Servo for All 3 / 5 Axis, High performance, Flexible Teach Programming

Features
- For 1600 ~ 3500 Tons
- Servo Axis 3 or 5 (Servo Wrist)
- All Axis : High Strength Linear Motion Guide
- Double Arm Support for Descent Arm
- Telescopic Descent Arm
- Body Attached Main Control Box

Standard Features
1. Take out Arm : Single Arm Only
2. Suction or Vacuum (Yes/Standard)
3. Chuck Use or No Use
4. Upper Use or No Use
5. Runner Gripper Use or No Use
6. Wait Outside (Use or No Use)
7. Take out Nozzle or Clamp
8. Rotate with Traverse (Use/No Use)
9. Product Release : Basic, Stack or Cooling
10. Ejector Forward Control (Yes/No)
11. Ejector Backward Control (Yes/No) / User Output
12. Ejector Backward Complete Signal (Yes/No) / Insert Molding
13. Ejector Cycle
14. Cycle Start (On Traverse, or Up Complete)
15. J Motion (Down and Kick Simultaneously)

Optional Features
1. Internal Nippe (Use/No Use)
2. Servo Wrist (2 Axis) or Pneumatic Swivel

5.7” Touch Screen Control
- 5.7” Touch Screen allow operator to basic take out function with simple step and easy operation
- Simple step and easily can be added to each additional step up to 80 with user input and output
- Flexible teach program allow programmer to adapt any unexpected condition in the mold / outside of mold

This control is approved by North America Automotive company and LG Electronics and Samsung Electronics Suppliers in all over the world. Flexible and easy programming allow operator to learn how to program in 1 hours. Recommended all the molder who need 3 Axis Servo Robots with secondary simple automation. (Insert Molding, Stacking, Degating, etc.)

Touch Screen Control
- Large LCD touch screen allow more visual approach for robot operation / monitoring
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Specifications
<table>
<thead>
<tr>
<th>Model</th>
<th>TRAVERSE Stroke(mm)</th>
<th>Operation</th>
<th>Air Pressure</th>
<th>Max Air Pressure</th>
<th>EOAT Rotate</th>
</tr>
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<tbody>
<tr>
<td>NEXIA-2000S</td>
<td>3500</td>
<td>2100</td>
<td>1710</td>
<td>3Ph AC 220V (3A/Max)</td>
<td>54</td>
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<tr>
<td>NEXIA-2500S</td>
<td>4000</td>
<td>2500</td>
<td>1900</td>
<td>3Ph AC 220V (7A/Max)</td>
<td>92</td>
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<tr>
<td>NEXIA-3000S</td>
<td>4000</td>
<td>3000</td>
<td>2316</td>
<td>3Ph AC 220V (7A/Max)</td>
<td>100</td>
</tr>
</tbody>
</table>
Dimension

Subject to change without any notice. ( ) is for Extended Type ( L Type )

| Model      | A (5010) | B (5510) | C (3500) | D (4000) | E | F | G | H | I | J | K | L | M | N | O | P | Q |
|------------|----------|----------|----------|----------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEXIA-2000S | 5010     | 963      | 3500     | 507      | 40 | 1191 | 205 | 2782 | 1175 | 320 | 236 | 1710 | 1785 | 315 | 1092 | 2610 | 1946 |
| NEXIA-2500S | 5800     | 1135     | 4000     | 615      | 50 | 1191 | 180 | 3010 | 1225 | 320 | 296 | 1920 | 2150 | 350 | 1100 | 2978 | 2216 |
| NEXIA-3000S | 5800     | 1135     | 4000     | 615      | 50 | 1191 | 180 | 3310 | 1225 | 340 | 276 | 2316 | 2812 | 188 | 1100 | 3378 | 2592 |