High Speed / AC Digital Servo Operation for 3 Axis.

ZEST Series
ZEST-100S~300S & ZEST-100D~300D

ISO 9001:2000
4 Basic Safety Position for IMM Interface
- Suction, Chuck or Spare Out put can be selected
- Additional Positions can be added in Mold Area
- Additional Motions can be added in Mold Area
- Additional Position can be added outside Area
- Additional Motion can be added outside area

Step by Step Operation for Safety
- Servo Jog Button allow to run or stop during step
- 1 Vacuum, 2 Chucking
- Ejector Forward Control (Yes or No)
- Ejector Backward Control (Yes or No)
- J Motion in Mold (Fast Take out cycle)
- An Inspection Signal Separate Parts
- Palletizing / Insert Molding Is ready

HYNC-700 - 5.7 Inch Touch Screen Controller
- 5.7” Touch Screen Controller with Flexible Programming
- Easy to add step and Motion in Mold or outside of mold
- All I/O can be viewed during manual or automatic mode

● Features
- IMM : 50 ~ 300 Tons IMM
- Servo Axis : 3 ~ 5Axis
- Motion Guide : High Strength Linear Motion Guide
- Up/Down : Non Telescopic
- Main Controller : Body Attached

● Standard Control Features
1) 4 Basic Safety Position for IMM Interface
2) Suction, Chuck or Spare Out put can be selected
3) Additional Positions can be added in Mold Area
4) Additional Motions can be added in Mold Area
5) Additional Position can be added outside Area
6) Additional Motion can be added outside area
7) Step by Step Operation for Safety
8) Servo Jog Button allow to run or stop during step
9) 1 Vacuum, 2 Chucking
10) 4 User Input, 4 User Output
11) Ejector Forward Control (Yes or No)
12) Ejector Backward Control (Yes or No)
13) J Motion in Mold (Fast Take out cycle)
14) An Inspection Signal Separate Parts
15) Palletizing / Insert Molding Is ready

● Option
1) Additional Suction / Gripper
2) Additional User Input/ Output

● Technical Specification

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<tr>
<th>Model</th>
<th>Traverse Stroke</th>
<th>Down Stroke</th>
<th>Kick Stroke</th>
<th>Electric</th>
<th>Air Consumption</th>
<th>Payload</th>
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<tr>
<td></td>
<td>Standard L Type</td>
<td>L Type</td>
<td>Main Arm</td>
<td>Sub Arm</td>
<td>S: 8A(Max.) D: 10A(Max.)</td>
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<tr>
<td>ZEST-100S</td>
<td>1300</td>
<td>1500</td>
<td>1700</td>
<td>700</td>
<td>641</td>
<td>6 kgf</td>
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<tr>
<td>ZEST-100D</td>
<td>1500</td>
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<td>821</td>
<td>7 kgf</td>
</tr>
</tbody>
</table>

Features
- Electric       : 1PhaseAC220V(50/60Hz)
- Driving Method : Servo / Pneumatic
- Controller     : Micro Computer
- Air Pressure   : 6 kgf/cm.
- Max Pressure   : 8 kgf/cm.
- Rotation       : 90°
### Dimension

**Unit: mm**

| Model    | Model | A   | B   | C   | D   | E   | F   | G   | H   | I   | J   | K   | L   | M   | N   | O   | P   | Q   | R   | S   | T   | U   | V   |
|----------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ZEST-100S | 2251  | 2451 | 662 | 1300 | 1500 | 279 | 10  | 370 | 306 | 1584| 552 | 165 | -   | -   | -   | 641 | -   | -   | 300 | 400 | 575 | 1111| 705 | 64  |
| ZEST-100D | 2251  | 2451 | 662 | 1300 | 1500 | 279 | 10  | 370 | 306 | 1584| 552 | 165 | -   | -   | -   | 641 | -   | -   | 300 | 400 | 575 | 1111| 705 | 205 |
| ZEST-200S | 2451  | 2651 | 662 | 1500 | 1700 | 279 | 10  | 370 | 306 | 1684| 552 | 165 | -   | -   | -   | 641 | -   | -   | 300 | 500 | 575 | 1111| 705 | 64  |
| ZEST-200D | 2451  | 2651 | 662 | 1500 | 1700 | 279 | 10  | 370 | 306 | 1684| 552 | 165 | -   | -   | -   | 641 | -   | -   | 300 | 500 | 575 | 1111| 705 | 205 |
| ZEST-300S | 2451  | 2651 | 662 | 1500 | 1700 | 279 | 10  | 370 | 306 | 1834| 552 | 165 | -   | -   | -   | 821 | -   | -   | 300 | 600 | 575 | 1291| 885 | 64  |
| ZEST-300D | 2451  | 2651 | 662 | 1500 | 1700 | 279 | 10  | 370 | 306 | 1834| 552 | 165 | -   | -   | -   | 821 | -   | -   | 300 | 600 | 575 | 1291| 885 | 205 |

Subject to change without any notice for quality improvements ( ) is for L Type, [ ] is for LL Type (Extended)

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