Ultra high speed, Take out cycle in the blink of an eye.

SIDE ENTRY

SR-150~350 & SR II -150~350
TOP IV-V-X350~550
SIDE ENTRY
Simple Operation, Better Safety and High Precision Robots.

SR / SR II Series

Features
- Injection Molding Machine: For 100 ~ 450 tons Horizontal
- Application: Low ceiling environment, Thin wall, High speed molding
- Servo Axis: Maximum 2 Axis
- Motion Guide: High Strength and Low noise LM Guide
- Side Entry Motion allows to minimize take out cycle time

Low Ceiling Clearance
- There is no robot arm on the mold. Even low ceiling clearance plantable to install the part takes out automation on molding machines.

AC Servo Motor
- High Power and compact servo motors are used to optimize acceleration, deceleration and overall speeds.

Cold Runner or Sprue
- This robot can be installed with TOP IV Sprue picker robot for 3 Plate mold (Side Entry for Parts, Sprue for TOP IV Sprue Picker).
- Special Vacuum Cylinder Stem
- Special Vacuum Cylinder stems help to minimize take out cycle time in the blink of an eye with minimized kick (Reach) stroke.

Model Description
- SR-150: Molding Machine Tonnage (ton)
  - SR : Servo Motor for Traverse Axis, and Pneumatic Cylinder for Kick Motion
  - SR II : Servo Motor for Traverse Axis and Kick

Technical Specification

<table>
<thead>
<tr>
<th>Power</th>
<th>Motion Control</th>
<th>Control Method</th>
<th>Normal Pneumatic Pressure</th>
<th>Maximum Pneumatic Pressure</th>
<th>Chuck Rotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC220V/110V</td>
<td>Pneumatic Cylinder Motion</td>
<td>Micro Computer</td>
<td>6kgf/cm²</td>
<td>8kgf/cm²</td>
<td>90°</td>
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</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Traverse Stroke (mm)</th>
<th>Kick Stroke (mm)</th>
<th>Max. electric consumption</th>
<th>Max. electric consumption</th>
<th>Maximum Handling Capacity</th>
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<tbody>
<tr>
<td>SR / SR I-150</td>
<td>1500</td>
<td>800</td>
<td>Topfin</td>
<td>7 (11)</td>
<td>Up to 2kN</td>
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<tr>
<td>SR / SR II-250</td>
<td>2500</td>
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<td>10</td>
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<td>SR / SR II-350</td>
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<td>1500</td>
<td>Topfin</td>
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<td>Up to 2kN</td>
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</table>

TOP IV-V Series

Take out robot for vertical injection molding machine.
For 30 ~ 350 Tons Vertical Injection Molding Machines.
Sprue or Parts Pick and Place Robot.
High Speed and Productivity, Unattended Operation.
All information is subject to change without any notice.

**Model SR II series**

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
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<tbody>
<tr>
<td>SR/SR II-150</td>
<td>2025</td>
<td>955</td>
<td>1070</td>
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<td>379</td>
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<td>1500</td>
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<tr>
<td>SR/SR II-250</td>
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<td>866</td>
<td>756</td>
<td>379</td>
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<td>620</td>
<td>350</td>
<td>355</td>
<td>600</td>
<td>1195</td>
<td>365</td>
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<tr>
<td>SR/SR II-350</td>
<td>2465</td>
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**Model IV-V series**

<table>
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<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>TOP IV-V-X350</td>
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<td>832</td>
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<td>TOP IV-V-X450</td>
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<td>TOP IV-V-X550</td>
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</tbody>
</table>

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