**COMMON SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Power Source</th>
<th>Air Pressure</th>
<th>Drive</th>
<th>Posture (Air Cylinder)</th>
<th>Recommended Max Load</th>
<th>Posture Torque @ 70 PSI</th>
<th>Control Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 VAC ± 10% 60 Hz</td>
<td>70 psi (.48 MPa)</td>
<td>AC Servo Motor</td>
<td>90°</td>
<td>77 lbs (35 kg)*</td>
<td>64.9 ft-lbs (88 N.m)</td>
<td>STEC-480 STEC-380</td>
</tr>
</tbody>
</table>

* It is possible to increase the Maximum Load capacity depending on the speed acceleration & deceleration data.

**GENERAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Stroke</th>
<th>Electric Consumption (kVA)</th>
<th>Max Power Consumption (kW)</th>
<th>Net Weight (Main Body)</th>
<th>Pendant and Stand</th>
<th>Air Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>TW-1500VI</td>
<td>(P) 59.06&quot; (1500 mm)</td>
<td>N/A</td>
<td>62.6&quot; (1590 mm)</td>
<td>98.43&quot; (2500 mm)</td>
<td>7.5</td>
<td>3.9</td>
</tr>
<tr>
<td></td>
<td>(R) 61.03&quot; (1550 mm)</td>
<td>66.7&quot; (1685 mm)</td>
<td>96.72&quot; (2450 mm)</td>
<td>9.8</td>
<td>5.0</td>
<td>3157 lbs (1432 kg)</td>
</tr>
<tr>
<td>TWS-1500VI</td>
<td>(P) 59.06&quot; (1500 mm)</td>
<td>(R) 61.03&quot; (1550 mm)</td>
<td>66.7&quot; (1685 mm)</td>
<td>96.72&quot; (2450 mm)</td>
<td>9.8</td>
<td>5.0</td>
</tr>
</tbody>
</table>

**STANDARD FEATURES**

- Vacuum Generator with Part Present Sensor
- Part Grip Circuit
- Sprue Grip Circuit
- Selectable Fixed Side Extract
- Detective Product Drop
- Sample and Chuck Change Positions
- Product Packaging (256 each axis)
- CNC Step Programming
- Compact Flash Memory
- CPC® and AMP® Connections at the Head
- Active Vibration Control
- IMM Mounting Weldment
- Multi-Level Password Protection
- Position, Speed, and Timer Adjust in Auto
- Alarm History
- Grease Pocket LM Bearings
- Central Lube
- Vacuum Pressure Display & Adjust

**OPTION LIST**

- Additional Vacuum Generator with Part Present Sensor
- Additional Part Grip
- Nipper on Chuck
- Rotation 90°, 180° 2-Position, 180° 3-Position
- Shuttle on Tool
- Mold Spray
- Air Blow
- 1–3 Color Alarm Light
- Special Paint
- Free Packaging
- Quick Chuck Change
- Absolute Encoder
- Extended Strokes
- Servo Posture Rotate

**ISO 9001 Certified Quality Management System**
### OVERALL DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>TW–1500VI</th>
<th>TWS–1500VI</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Overall Height</td>
<td>80.31&quot; (2040 mm)</td>
<td>81.70&quot; (2075 mm)</td>
</tr>
<tr>
<td>B Overall Width</td>
<td>140.43&quot; (3567 mm)</td>
<td>140.43&quot; (3567 mm)</td>
</tr>
<tr>
<td>C Traverse Stroke</td>
<td>98.43&quot; (2500 mm)</td>
<td>98.43&quot; (2500 mm)</td>
</tr>
<tr>
<td>D Overhang, Release Side</td>
<td>21.30&quot; (541 mm)</td>
<td>21.30&quot; (541 mm)</td>
</tr>
<tr>
<td>E Cable Guide Overhang</td>
<td>0.0&quot; (0 mm)</td>
<td>0.0&quot; (0 mm)</td>
</tr>
<tr>
<td>F (P) Vertical Stroke</td>
<td>59.06&quot; (1500 mm)</td>
<td>59.06&quot; (1500 mm)</td>
</tr>
<tr>
<td>G (P) Vertical Standby</td>
<td>9.84&quot; (250 mm)</td>
<td>9.84&quot; (250 mm)</td>
</tr>
<tr>
<td>H Bottom of Crosswise to Chuck Mount Position</td>
<td>21.65&quot; (550 mm)</td>
<td>21.65&quot; (550 mm)</td>
</tr>
<tr>
<td>I Crosswise Arm</td>
<td>87.09&quot; (2212 mm)</td>
<td>87.09&quot; (2212 mm)</td>
</tr>
<tr>
<td>J Thickness</td>
<td>27.56&quot; (700 mm)</td>
<td>27.56&quot; (700 mm)</td>
</tr>
<tr>
<td>K (R) Vertical Standby</td>
<td>---</td>
<td>11.81&quot; (300 mm)</td>
</tr>
<tr>
<td>L (P) Crosswise Reach</td>
<td>70.87&quot; (1800 mm)</td>
<td>70.87&quot; (1800 mm)</td>
</tr>
<tr>
<td>M (P) Crosswise Stroke Max.</td>
<td>62.60&quot; (1590 mm)</td>
<td>55.71&quot; (1415 mm)</td>
</tr>
<tr>
<td>N (P) Crosswise Standby Min.</td>
<td>8.27&quot; (210 mm)</td>
<td>15.16&quot; (385 mm)</td>
</tr>
<tr>
<td>O (P) (R) Proximity Min.</td>
<td>---</td>
<td>12.20&quot; (310 mm)</td>
</tr>
<tr>
<td>P (R) Crosswise Stroke Max.</td>
<td>---</td>
<td>55.71&quot; (1415 mm)</td>
</tr>
<tr>
<td>Q (R) Crosswise Standby Min.</td>
<td>---</td>
<td>2.95&quot; (75 mm)</td>
</tr>
<tr>
<td>R Base Offset</td>
<td>3.94&quot; (100 mm)</td>
<td>3.94&quot; (100 mm)</td>
</tr>
<tr>
<td>S Mold Mounting Face - Box End</td>
<td>31.89&quot; (810 mm)</td>
<td>31.89&quot; (810 mm)</td>
</tr>
</tbody>
</table>

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