

● INJECTION PRESS RANGE: 40-100 TON ●

*Digital AC SERVO Robot Series*

## T-600VII TS-600VII



### COMMON SPECIFICATIONS

| Power Source                              | Air Pressure     | Drive          | Posture (air cylinder) | Recommended Max Load | Posture Torque @ 70 PSI | Control Types |
|-------------------------------------------|------------------|----------------|------------------------|----------------------|-------------------------|---------------|
| 200-220 VAC $\pm$ 10%<br>3 Phase, 50/60Hz | 70 psi (.48 MPa) | AC Servo Motor | 90°                    | 6 lbs (3 kg)         | 4.0 ft-lbs<br>(5.4 N·m) | STEC-520B     |

### GENERAL SPECIFICATIONS

| Model     | Stroke          |                 |                                          |                  | Electric Consumption (kVA) | Max Power Consumption (kW) | Main Body Weight (KG) | Air Consumption (ft³)  |
|-----------|-----------------|-----------------|------------------------------------------|------------------|----------------------------|----------------------------|-----------------------|------------------------|
|           | (P) Vertical    | (R) Vertical    | Crosswise                                | Traverse         |                            |                            |                       |                        |
| T-600VII  | 25.59" (650 mm) | N/A             | 16.54" (420 mm)                          | 47.24" (1200 mm) | 2.6                        | 1.5                        | 196 (432 lbs)         | 0.042 (1.2 NI / Cycle) |
| TS-600VII | 25.59" (650 mm) | 25.59" (650 mm) | (P)14.17" (360 mm)<br>(R)14.17" (360 mm) | 47.24" (1200 mm) | 2.9                        | 1.7                        | 219 (483 lbs)         | 0.044 (1.3 NI / Cycle) |

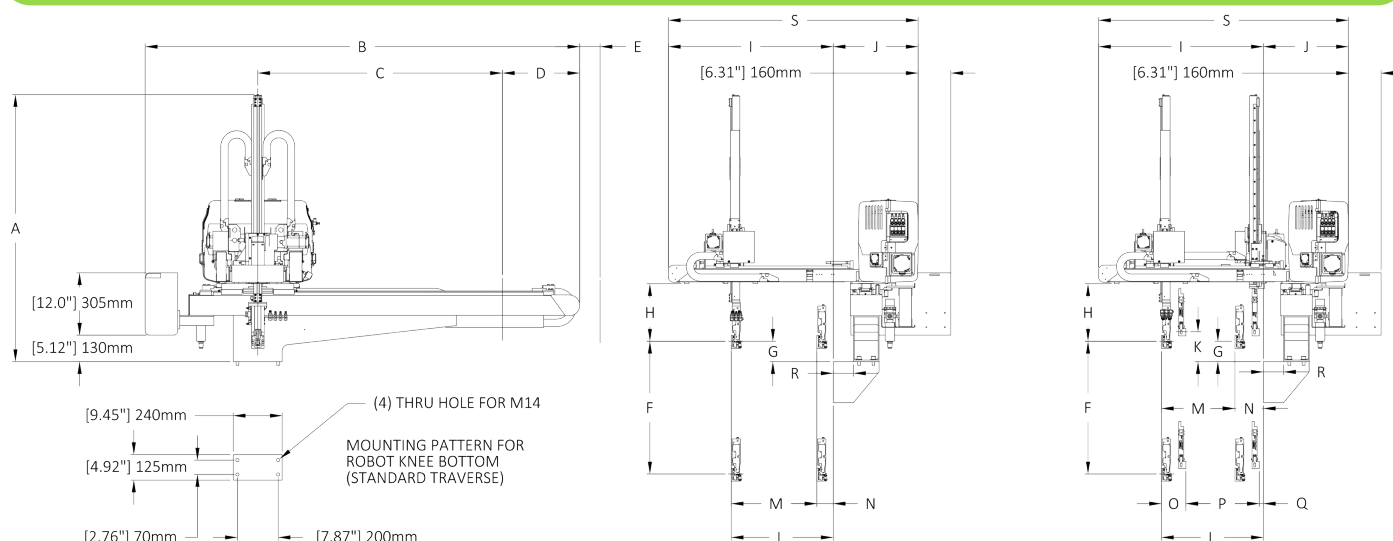
### STANDARD FEATURE

- Vacuum Generator with Part Present Sensor
- Part Grip Circuit
- Sprue Grip Circuit
- USB Port
- Ethernet Port
- Sample and Chuck Change Positons
- Product Packaging (256 each axis)
- CNC Step Programming
- Micro SD
- 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

### 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
- Central Lube
- Quick Chuck Change

## OVERALL DIMENSIONS



|   |                                             | T-600VII         | TS-600VII        |
|---|---------------------------------------------|------------------|------------------|
| A | Overall Height                              | 51.46" (1307mm)  | 51.50" (1308mm)  |
| B | Overall Width                               | 84.09" (2136mm)  | 84.09" (2136mm)  |
| C | Traverse Stroke                             | 47.24" (1200mm)  | 47.24" (1200mm)  |
| D | Overhang, Release Side                      | 14.92" (379mm)   | 14.92" (379mm)   |
| E | Cable Guide Overhang                        | 0                | 0                |
| F | (P) Vertical Stroke                         | 25.59" (650mm)   | 25.59" (650mm)   |
| G | (P) Vertical Standby                        | 3.94" (100mm)    | 3.94" (100mm)    |
| H | Bottom of Crosswise to Chuck Mount Position | 11.08" (281.5mm) | 11.08" (281.5mm) |
| I | Mold Mounting Face - Crosswise Arm End      | 43.74" (809mm)   | 43.74" (809mm)   |
| J | Mold Mounting Face - Box End                | 16.22" (412mm)   | 16.22" (412mm)   |
| K | (R) Vertical Standby                        | -                | 5.79" (147mm)    |
| L | (P) Crosswise Reach Max.                    | 19.69" (500mm)   | 19.69" (500mm)   |
| M | (P) Crosswise Stroke Max.                   | 16.54" (420mm)   | 14.17" (360mm)   |
| N | (P) Crosswise Standby Min.                  | 3.15" (80mm)     | 5.51" (140mm)    |
| O | (P)(R) Proximity Min.                       | -                | 4.72" (120mm)    |
| P | (R) Crosswise Stroke Max.                   | -                | 14.17" (360mm)   |
| Q | (R) Crosswise Standby Min.                  | -                | 0.79" (20mm)     |
| R | Base Offset                                 | 3.94" (100mm)    | 3.94" (100mm)    |
| S | Box End - Crosswise Arm End                 | 48.07" (1221mm)  | 48.07" (1221mm)  |

All stated here is subject to change without notice



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