

◎ 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 Load Max | Posture Torque @ 70 PSI | Control Types |
|---------------------|------------------|----------------|------------------------|----------------------|-------------------------|---------------|
| 200 VAC ± 10% 60 Hz | 70 psi (.48 MPa) | AC Servo Motor | 90° | 6 lbs (3 kg) | 4.0 ft-lbs (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) (R)14.17" (360 mm) | 47.24" (1200 mm) | 2.9 | 1.7 | 219 (483 lbs) | 0.044 (1.3 NI / Cycle) |

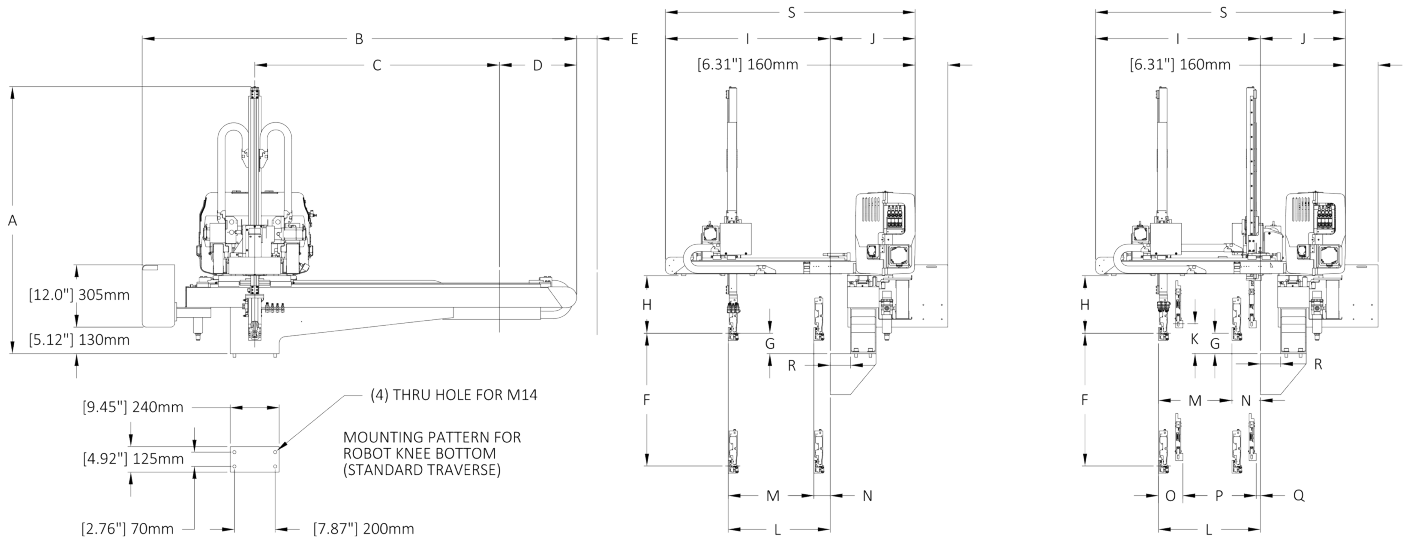
STANDARD FEATURE

| |
|---|
| 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 | 83.90" (2131mm) | 83.90" (2131mm) |
| 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 | 31.85" (417mm) | 31.85" (417mm) |
| 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 | 48.27" (1226mm) | 48.27" (1226mm) |



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