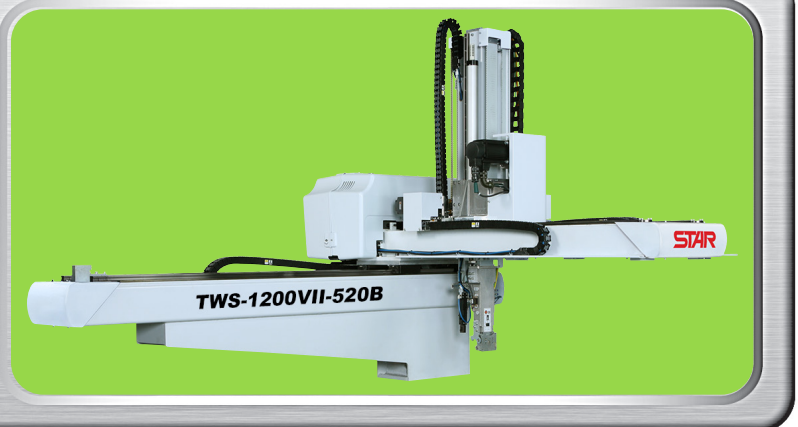


◎ INJECTION PRESS RANGE: 350-600 TON ◎

Digital AC SERVO Robot Series

TW-1200VII

TWS-1200VII



COMMON SPECIFICATIONS

| Power Source | Air Pressure | Drive | Posture (air cylinder) | Recommended Max Load | Posture Torque @ 70 PSI | Control Types |
|---------------------|------------------|----------------|------------------------|----------------------|-------------------------|---------------|
| 200 VAC ± 10% 60 Hz | 70 psi (.48 MPa) | AC Servo Motor | 90° | 33 lbs (15 kg) | 42.6 ft-lbs (57.7 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 | | | | |
| TW-1200VII | 51.18" (1300 mm) | N/A | 44.49" (1130 mm) | 78.74" (2000 mm) | 6.0 | 3.6 | 645 (1422 lbs) | 0.55 (15.4 NI / Cycle) |
| TWS-1200VII | 51.18" (1300 mm) | 53.15" (1350 mm) | 41.34" (1050 mm) | 78.74" (2000 mm) | 8.3 | 5.0 | 697 (1537 lbs) | 0.55 (15.5 NI / Cycle) |

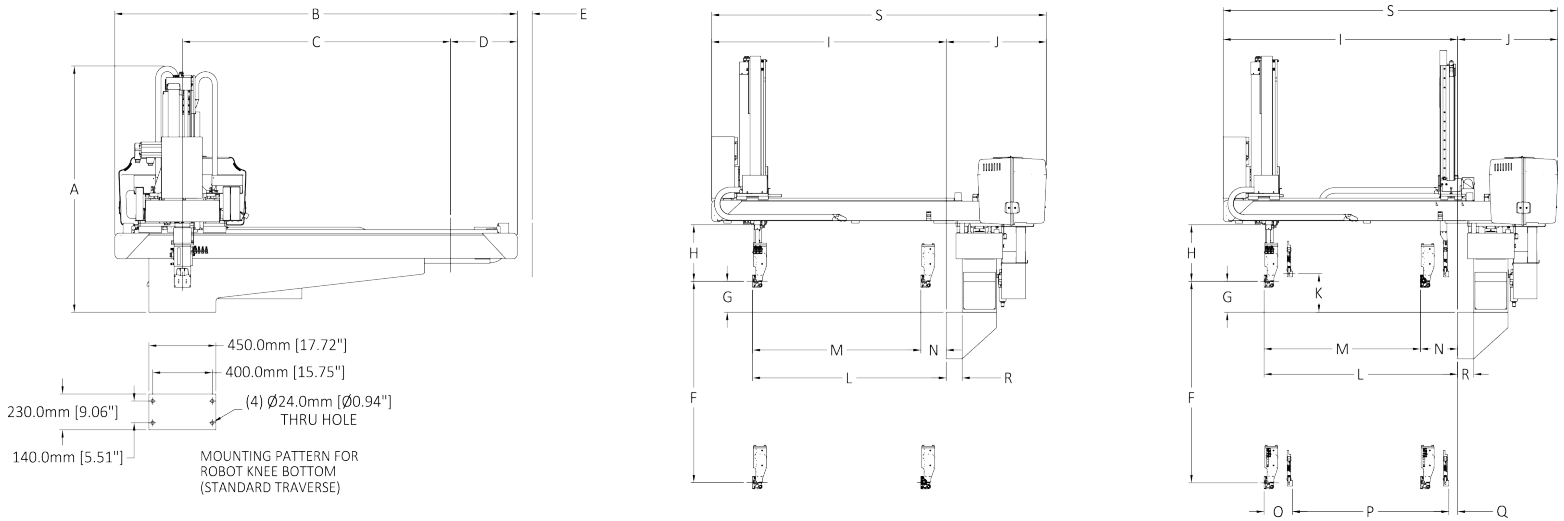
STANDARD FEATURE

| |
|---|
| 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 |
| Servo Posture Wrist |
| Servo Posture Rotate |

OVERALL DIMENSIONS



| | | TW-1200VII | TWS-1200VII |
|---|--|------------------|------------------|
| A | Overall Height | 64.88" (1648mm)* | 66.54" (1690mm) |
| B | Overall Width | 115.91" (2944mm) | 115.91" (2944mm) |
| C | Traverse Stroke | 78.74" (2000mm) | 78.74" (2000mm) |
| D | Overhang, Release Side | 19.25" (489mm) | 19.25" (489mm) |
| E | Cable Guide Overhang | 0 | 0 |
| F | (P) Vertical Stroke | 51.18" (1300mm) | 51.18" (1300mm) |
| G | (P) Vertical Standby | 7.87" (200mm) | 7.87" (200mm) |
| H | Bottom of Crosswise to Chuck Mount Postion | 14.76" (375mm) | 14.76" (375mm) |
| I | Mold Mounting Face - Crosswise Arm End | 62.01" (1575mm) | 62.01" (1575mm) |
| J | Mold Mounting Face - Box End | 26.50" (673mm) | 26.50" (673mm) |
| K | (R) Vertical Standby | - | 9.84" (250mm) |
| L | (P) Crosswise Reach Max. | 51.18" (1300mm) | 51.18" (1300mm) |
| M | (P) Crosswise Stroke Max. | 44.49" (1130mm) | 41.34" (1050mm) |
| N | (P) Crosswise Standby Min. | 6.69" (170mm) | 9.84" (250mm) |
| O | (P) Proximity Min. | - | 7.48" (190mm) |
| P | (R) Crosswise Stroke Max. | - | 41.34" (1050mm) |
| Q | (R) Crosswise Standby Min. | - | 2.36" (60mm) |
| R | Base Offset | 4.25" (108mm) | 4.25" (108mm) |
| S | Box End - Crosswise Arm End | 88.50" (2248mm) | 88.50" (2248mm) |

*Some units may be 15mm taller
All stated here is subject to change without notice



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