

● 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 $\pm$ 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 (ft ³)
	(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)

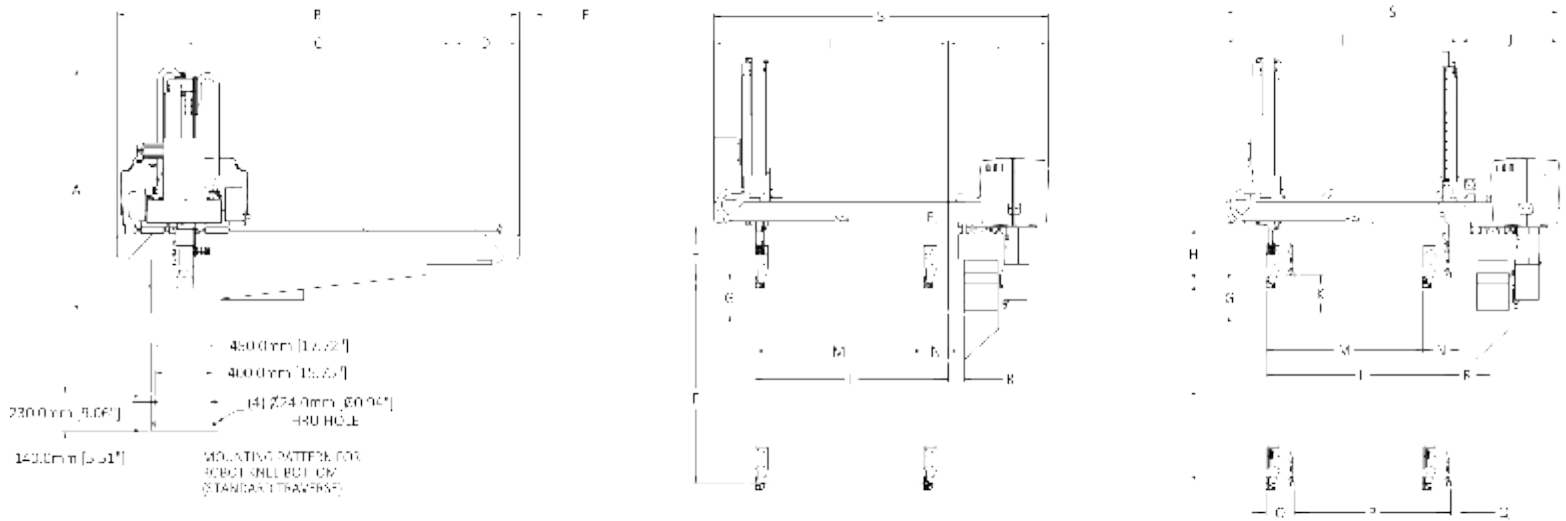
STANDARD FEATURE

- 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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