

● INJECTION PRESS RANGE: 650-1350 TON ●

Digital AC SERVO Robot Series

TW-1800VII-e

TWS-1800VII-e



COMMON SPECIFICATIONS

Power Source	Air Pressure	Drive	Posture (air cylinder)	Recommended Max Load	Posture Torque @ 70 PSI	Control Types
200-220 VAC $\pm$ 10% 3 Phase, 50/60Hz	70 psi (.48 MPa)	AC Servo Motor	90°	55 lbs (25 kg)	81.1 ft-lbs (110 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-1800VII-e	70.87" (1800 mm)	N/A	55.71" (1415 mm)	118.11" (3000 mm)	6.0	3.6	1139 (2511 lbs)	0.81 (23.0 NI / Cycle)
TWS-1800VII-e	70.87" (1800 mm)	72.83" (1850 mm)	49.01" (1245 mm)	118.11" (3000 mm)	8.3	5.0	1195 (2635 lbs)	0.82 (23.1 NI / Cycle)

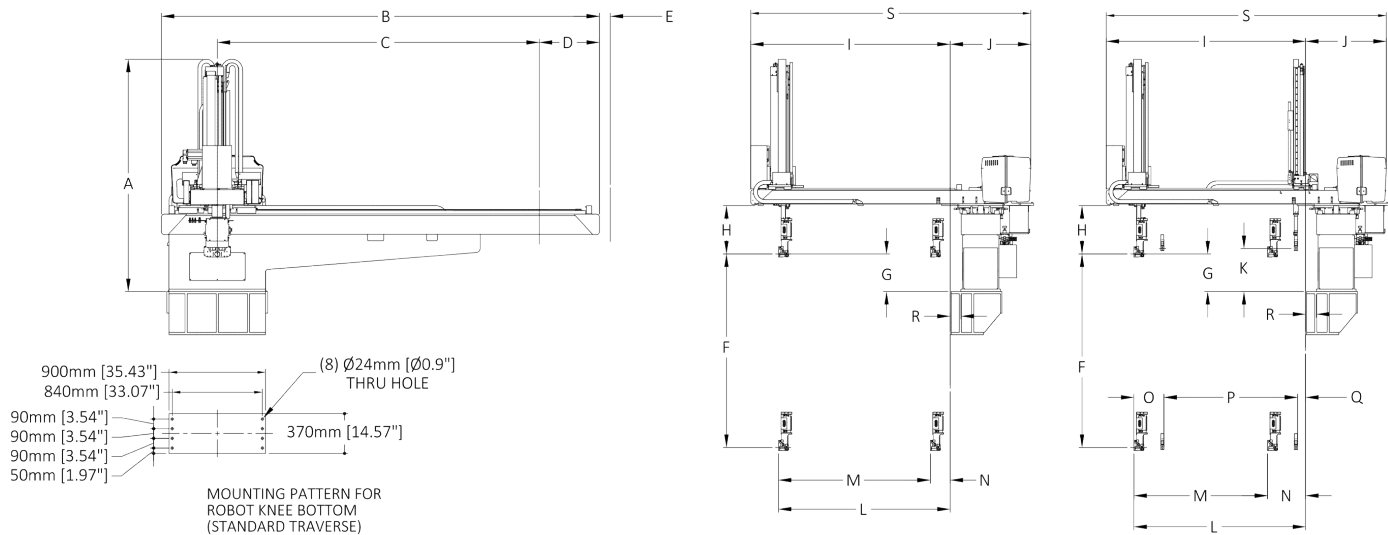
STANDARD FEATURE

- 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 Card
- 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-1800VII-e	TWS-1800VII-e
A	Overall Height	84.33" (2142mm)	84.33" (2142mm)
B	Overall Width	160.71" (4082mm)	160.71" (4082mm)
C	Traverse Stroke	118.11" (3000mm)	118.11" (3000mm)
D	Overhang, Release Side	22.09" (561mm)	22.09" (561mm)
E	Cable Guide Overhang	0	0
F	(P) Vertical Stroke	70.87" (1800mm)	70.87" (1800mm)
G	(P) Vertical Standby	13.78" (350mm)	13.78" (350mm)
H	Bottom of Crosswise to Chuck Mount Postion	17.72" (450mm)	17.72" (450mm)
I	Mold Mounting Face - Crosswise Arm End	73.15" (1858mm)	73.15" (1858mm)
J	Mold Mounting Face - Box End	29.60" (752mm)	29.60" (752mm)
K	(R) Vertical Standby	-	15.75" (400mm)
L	(P) Crosswise Reach Max.	62.99" (1600mm)	62.99" (1600mm)
M	(P) Crosswise Stroke Max.	55.71" (1415mm)	49.02" (1245mm)
N	(P) Crosswise Standby Min.	7.28" (185mm)	13.98" (355mm)
O	(P) Proximity Min.	-	11.02" (280mm)
P	(R) Crosswise Stroke Max.	-	49.02" (1245mm)
Q	(R) Crosswise Standby Min.	-	2.95" (75mm)
R	Base Offset	3.94" (100mm)	3.94" (100mm)
S	Box End - Crosswise Arm End	102.76" (2610mm)	102.76" (2610mm)

All stated here is subject to change without notice



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