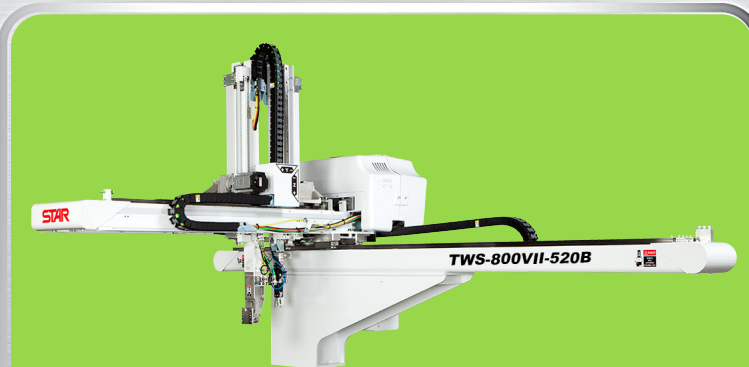


● INJECTION PRESS RANGE: 80-300 TON ●

Digital AC SERVO Robot Series

TW-800VII

TWS-800VII



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°	11 lbs (5 kg)	14.9 ft-lbs (20.2 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-800VII	33.5" (850 mm)	N/A	30.3" (770 mm)	63" (1600 mm)	2.9	1.7	342 (754 lbs)	0.077 (2.2 NI / Cycle)
TWS-800VII	33.5" (850 mm)	33.5" (850 mm)	(P)26.6" (675 mm) (R)26.6" (675 mm)	63" (1600 mm)	3.5	2.1	383 (844 lbs)	0.081 (2.3 NI / Cycle)

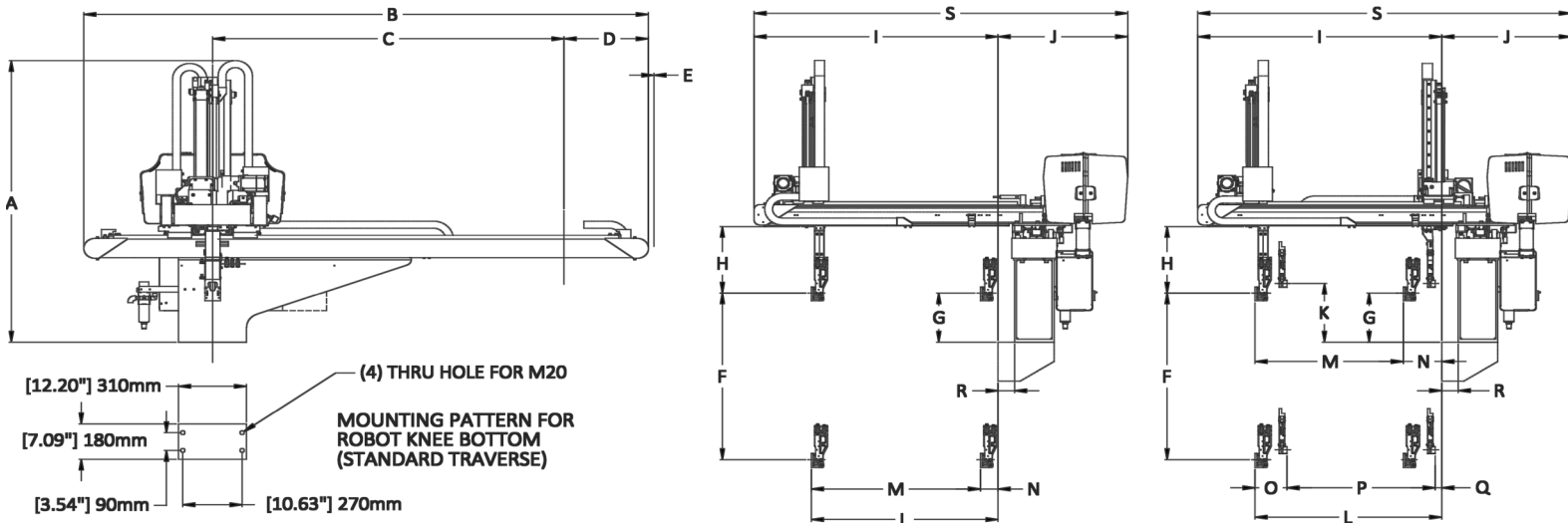
STANDARD FEATURE

- 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
- Servo Posture Wrist
- Servo Posture Rotate

OVERALL DIMENSIONS



		TW-800VII	TWS-800VII
A	Overall Height	56.57" (1437mm)*	56.57" (1437mm)*
B	Overall Width	101.22" (2571mm)	101.22" (2571mm)
C	Traverse Stroke	62.99" (1600mm)	62.99" (1600mm)
D	Overhang, Release Side	15.59" (396mm)	15.59" (396mm)
E	Cable Guide Overhang	0	0
F	(P) Vertical Stroke	33.46" (850mm)	33.46" (850mm)
G	(P) Vertical Standby	9.84" (250mm)	9.84" (250mm)
H	Bottom of Crosswise to Chuck Mount Postion	13.39" (340mm)	13.39" (340mm)
I	Mold Mounting Face - Crosswise Arm End	43.74" (1111mm)	43.74" (1111mm)
J	Mold Mounting Face - Box End	23.23" (590mm)	23.23" (590mm)
K	(R) Vertical Standby	-	11.81" (300mm)
L	(P) Crosswise Reach Max.	33.46" (850mm)	33.46" (850mm)
M	(P) Crosswise Stroke Max.	30.32" (770mm)	26.57" (675mm)
N	(P) Crosswise Standby Min.	3.15" (80mm)	6.89" (175mm)
O	(P) Proximity Min.	-	5.71" (145mm)
P	(R) Crosswise Stroke Max.	-	26.57" (675mm)
Q	(R) Crosswise Standby Min.	-	1.18" (30mm)
R	Base Offset	2.95" (75mm)	2.95" (75mm)
S	Box End - Crosswise Arm End	66.97" (1701mm)	66.97" (1701mm)

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



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