

● 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
200-220 VAC $\pm$ 10% 3 Phase, 50/60Hz	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)

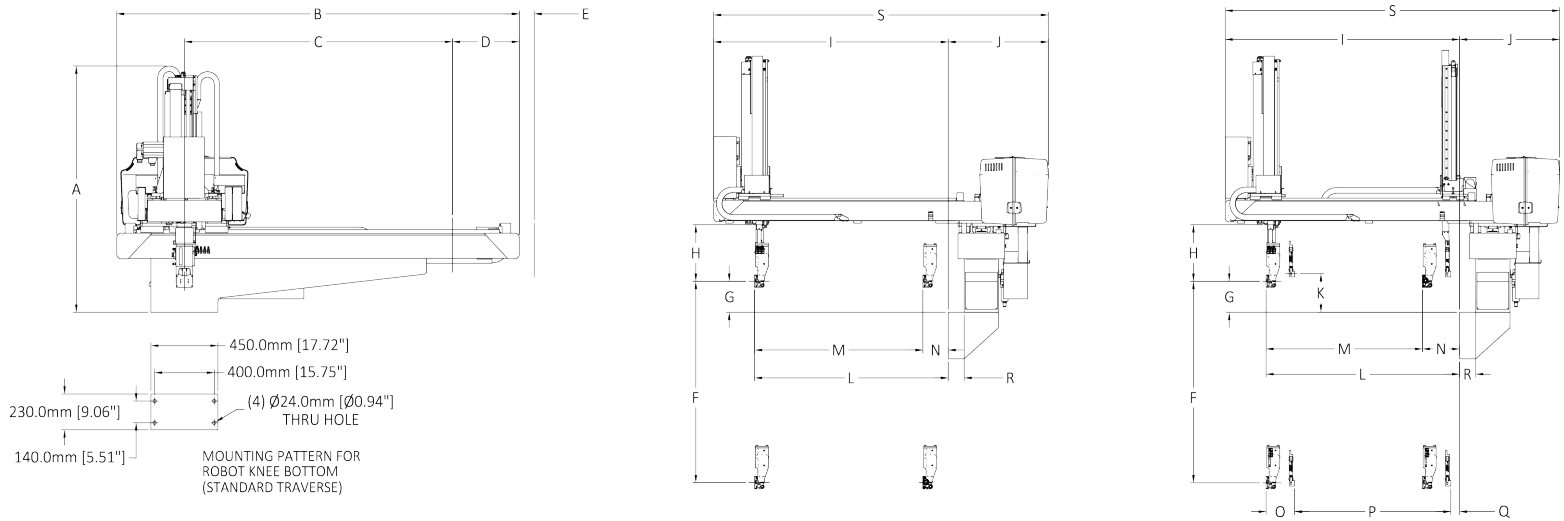
STANDARD FEATURE

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



Wisconsin (HQ)

N90 W14401 Commerce Drive
Menomonee Falls, WI 53051
Phone: 262-253-3550
Fax: 262-253-3559

Email: kscheife@starautomation.com

California

18141 Beach Blvd. Unit 195
Huntington Beach, CA 92648
Phone: 714-375-2400
Fax: 714-375-2446

Email: ryamasaki@starautomation.com

Georgia

5555 Oakbrook Parkway Suite 320
Norcross, GA 30093
Phone: 770-582-9350
Fax: 770-582-9351

Email: chebert@starautomation.com

Indiana

5625 Vogel Road Unit B
Evansville, IN 47715
Phone: 812-475-9947
Fax: 812-475-9949

Email: sberry@starautomation.com

Michigan

17197 North Laurel Park Dr. Suite 125
Livonia, MI 48152
Phone: 734-462-9522
Fax: 734-462-9527

Email: ttsukuda@starautomation.com

Rhode Island

860A Waterman Avenue
E Providence, RI 02914
Phone: 401-434-0617
Fax: 401-434-0627

Email: sales@starautomation.com

Tennessee

Sales Phone: 678-428-4202
Service Phone: 615-796-5670
Email: chebert@starautomation.com

Star Seiki Mexico S.A. De C.V.

Blvd Bernardo Quintana #7001
Torre II Oficina 1004 Colonia Centro Sur,
Queretaro, CP. 76090 Mexico
Phone: +52-442-199-5180

Email: knomura@starseikimexico.com