

● INJECTION PRESS RANGE: 80-350 TON ●

Digital AC SERVO Robot Series

TW-1000HMOVII TWS-1000HMOVII



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°	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 (ft³)
	(P) Vertical	(R) Vertical	Crosswise	Traverse				
TW-1000HMOVII	39.37" (1000 mm)	N/A	26.77" (680 mm)	70.87" (1800 mm)	7.2	4.3	638 (1406 lbs)	0.066 (1.9 NI / Cycle)
TWS-1000HMOVII	39.37" (1000 mm)	41.34" (1050 mm)	17.13" (435 mm)	70.87" (1800 mm)	12.0	7.2	697 (1537 lbs)	0.069 (2.0 NI / Cycle)

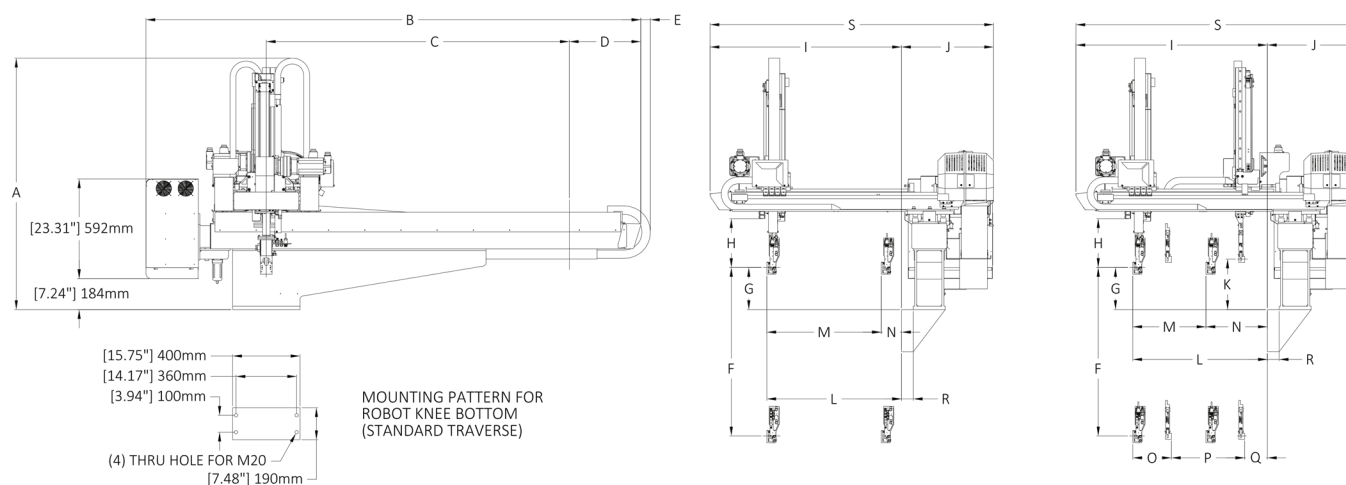
STANDARD FEATURE

- 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

OVERALL DIMENSIONS



		TW-1000HMOVII	TWS-1000HMOVII
A	Overall Height	59.64" (1515mm)	59.64" (1515mm)
B	Overall Width	115.79" (2941mm)	115.79" (2941mm)
C	Traverse Stroke	70.87" (1800mm)	70.87" (1800mm)
D	Overhang, Release Side	16.73" (425mm)	16.73" (425mm)
E	Cable Guide Overhang	2.28" (58mm)	2.28" (58mm)
F	(P) Vertical Stroke	39.37" (1000mm)	39.37" (1000mm)
G	(P) Vertical Standby	9.84" (250mm)	9.84" (250mm)
H	Bottom of Crosswise to Chuck Mount Postion	11.42" (290mm)	11.42" (290mm)
I	Mold Mounting Face - Crosswise Arm End	44.88" (1140mm)	44.88" (1140mm)
J	Mold Mounting Face - Box End	21.54" (547mm)	21.54" (547mm)
K	(S) Vertical Standby	-	11.81" (300mm)
L	(P) Crosswise Reach Max.	31.50" (800mm)	31.50" (800mm)
M	(P) Crosswise Stroke Max.	26.77" (680mm)	17.13" (435mm)
N	(P) Crosswise Standby Min.	4.72" (120mm)	14.37" (365mm)
O	(P) (S) Proximity Min.	-	9.06" (230mm)
P	(S) Crosswise Stroke Max.	-	17.13" (435mm)
Q	(S) Crosswise Standby Min.	-	5.31" (135mm)
R	Base Offset	2.76" (70mm)	2.76" (70mm)
S	Box End - Crosswise Arm End	66.42" (1687mm)	66.42" (1687mm)

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