

◎ 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 Load Max	Posture Torque @ 70 PSI	Control Types
200 VAC ± 10% 60 Hz	70 psi (.48 MPa)	AC Servo Motor	90°	11 lbs (5 kg)	14.9 ft-lbs (20.2 N·m)	STEC-520A

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	41.34" (1050 mm)	N/A	26.77" (680 mm)	70.87" (1800 mm)	8.8	4.5	638 (1406 lbs)	0.066 (1.9 NI / Cycle)
TWS-1000HMOVII	41.34" (1050 mm)	41.34" (1050 mm)	17.13" (435 mm)	70.87" (1800 mm)	13.6	7.0	697 (1537 lbs)	0.069 (2.0 NI / Cycle)

STANDARD FEATURE

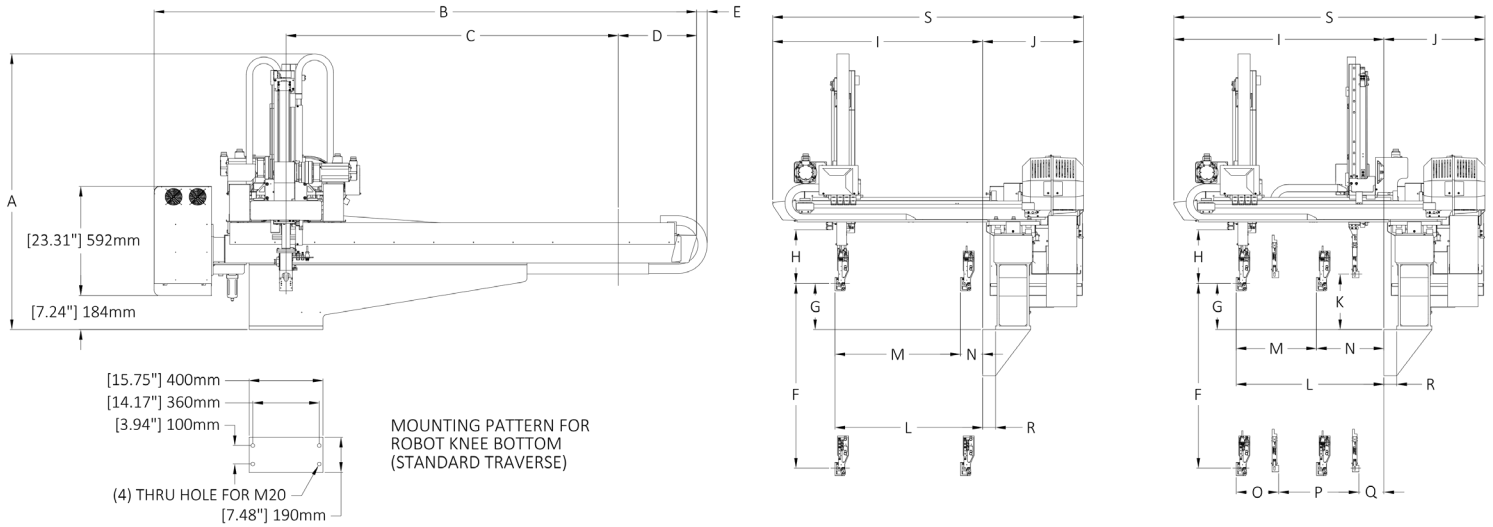
Vacuum Generator with Part Present Sensor
Part Grip Circuit
Sprue Grip Circuit
USB Port
Ethernet Port
Sample and Chuck Change Positons
Product Packaging (256 each axis)
CNC Step Programming
Micro SD Card
CPC® and AMP® Connections at the Head
Active Vibration Control
IMM Mounting Weldment
Multi- Level 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

ISO 9001 Certified
Quality Management
System

OVERALL DIMENSIONS



MOUNTING PATTERN FOR ROBOT KNEE BOTTOM (STANDARD TRAVERSE)

		TW-1000HMVII	TWS-1000HMVII
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	41.34" (1050mm)	41.34" (1050mm)
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)



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