

● INJECTION PRESS RANGE: 450-750 TON ●

Digital AC SERVO Robot Series

TW-1500HMOVII TWS-1500HMOVII



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°	22 lbs (10 kg)	40.6 ft-lbs (55.0 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-1500HMOVII	62.99" (1600 mm)	N/A	44.49" (1130 mm)	86.61" (2200 mm)	12.0	7.2	1138 (2509 lbs)	0.60 (17.1 NI / Cycle)
TWS-1500HMOVII	62.99" (1600 mm)	64.96" (1650 mm)	38.98" (990 mm)	86.61" (2200 mm)	18.0	10.8	1215 (2679 lbs)	0.61 (17.2 NI / Cycle)

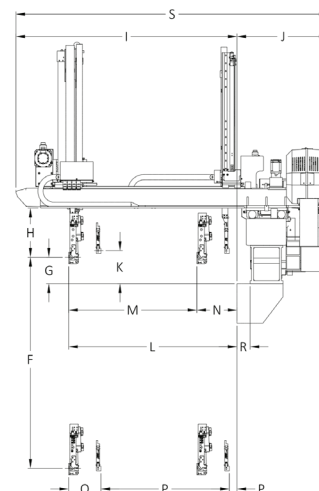
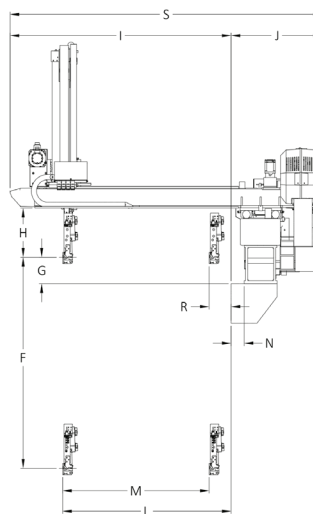
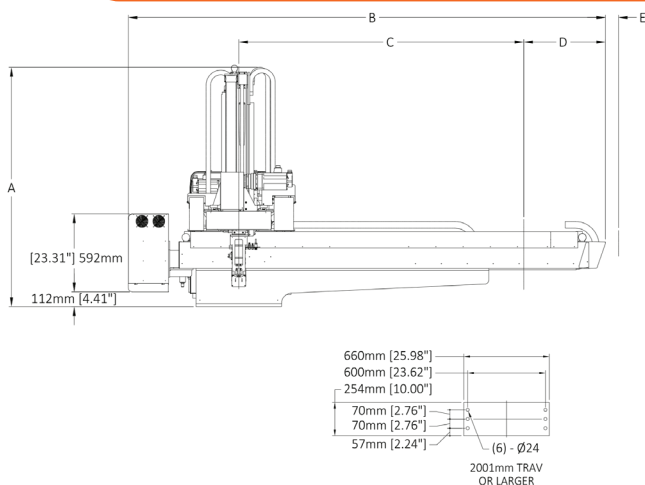
STANDARD FEATURE

- 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-1500HMOVII	TWS-1500HMOVII
A	Overall Height	71.42" (1814mm)	71.42" (1814mm)
B	Overall Width	145.04" (3684mm)	145.04" (3684mm)
C	Traverse Stroke	86.61" (2200mm)	86.61" (2200mm)
D	Overhang, Release Side	24.84" (631mm)	24.84" (631mm)
E	Cable Guide Overhang	0	0
F	(P) Vertical Stroke	62.99" (1600mm)	62.99" (1600mm)
G	(P) Vertical Standby	7.87" (200mm)	7.87" (200mm)
H	Bottom of Crosswise to Chuck Mount Postion	14.57" (370mm)	14.57" (370mm)
I	Mold Mounting Face - Crosswise Arm End	67.17" (1706mm)	67.17" (1706mm)
J	Mold Mounting Face - Box End	27.72" (704mm)	27.72" (704mm)
K	(S) Vertical Standby	-	9.84" (250mm)
L	(P) Crosswise Reach Max.	51.18" (1300mm)	51.18" (1300mm)
M	(P) Crosswise Stroke Max.	44.49" (1130mm)	38.98" (990mm)
N	(P) Crosswise Standby Min.	6.69" (170mm)	12.20" (310mm)
O	(P) Proximity Min.	-	9.84" (250mm)
P	(S) Crosswise Stroke Max.	-	38.98" (990mm)
Q	(S) Crosswise Standby Min.	-	2.36" (60mm)
R	Base Offset	3.98" (101mm)	3.98" (101mm)
S	Box End - Crosswise Arm End	94.88" (2410mm)	94.88" (2410mm)

All stated here is subject to change without notice



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