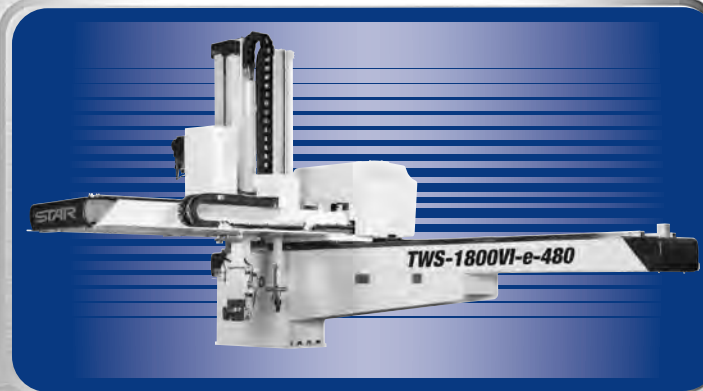


INJECTION PRESS RANGE **650-1350 ton**

Digital AC SERVO Robot Series

TW-1800VI-e

TWS-1800VI-e



COMMON SPECIFICATIONS

Power Source	Air Pressure	Drive	Posture (Air Cylinder)	Recommended Max Load	Posture Torque @ 70 PSI	Control Types
200 VAC ± 10% 60 Hz	70 psi (.48 MPa)	AC Servo Motor	90°	55 lbs (25 kg)*	64.9 ft-lbs (88 N·m)	STEC-480 STEC-380

* It is possible to increase the Maximum Load capacity depending on the speed acceleration & deceleration data.

GENERAL SPECIFICATIONS

Model	Stroke				Electric Consumption (kVA)	Max Power Consumption (kW)	Net Weight		Air Consumption
	(P) Vertical	(R) Vertical	Crosswise	Traverse			Main Body	Pendant and Stand	
TW-1800VI-e	70.9" (1800 mm)	N/A	55.71" (1415 mm)	118.1" (3000 mm)	5.3	2.8	2707 lbs (1228 kg)	30 lbs (13.6 kg)	0.85 ft ³ (24 L/cycle)
TWS-1800VI-e	70.9" (1800 mm)	72.8" (1850 mm)	(P)49.0" (1245 mm) (R)49.0" (1245 mm)	118.1" (3000 mm)	7.6	3.9	2829 lbs (1284 kg)	30 lbs (13.6 kg)	0.85 ft ³ (24 L/cycle)

STANDARD FEATURES

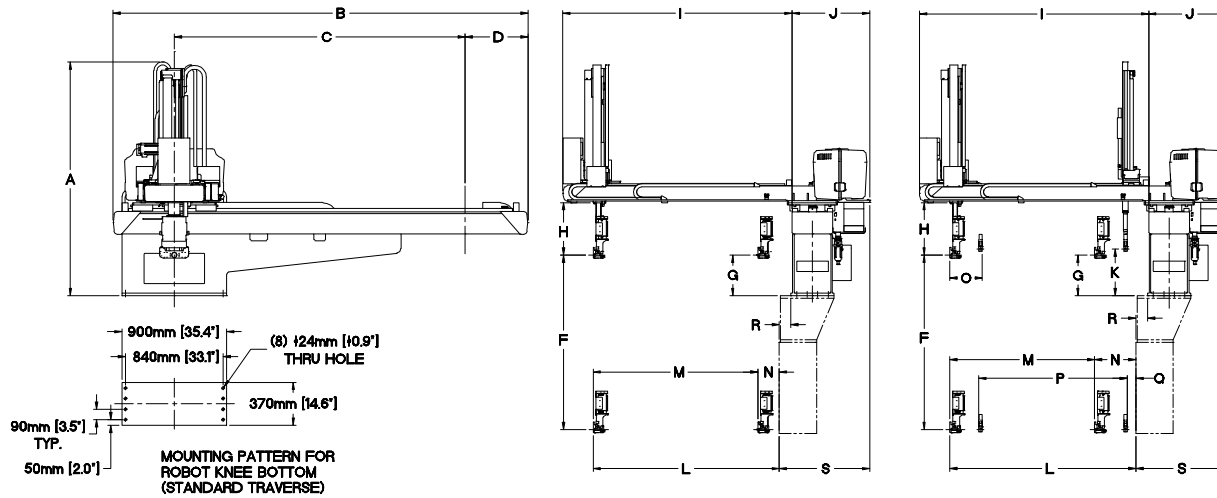
Vacuum Generator with Part Present Sensor
Part Grip Circuit
Sprue Grip Circuit
Selectable Fixed Side Extract
Defective Product Drop
Sample and Chuck Change Positions
Product Packaging (256 each axis)
CNC Step Programming
Compact Flash Memory
CPC® and AMP® Connections at the Head
Active Vibration Control
IMM Mounting Weldment
Multi-Level Password Protection
Position, Speed and Timer Adjust in Auto
Alarm History
Grease Pocket LM Bearings
Central Lube
Vacuum Pressure Display & Adjust

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
Quick Chuck Change
Absolute Encoder
Extended Strokes
Servo Posture Wrist

ISO 9001
Certified Quality
Management
System

OVERALL DIMENSIONS



		TW-1800VI-e	TWS-1800VI-e
A	Overall Height	84.02" (2134 mm)	85.00" (2159 mm)
B	Overall Width	161.10" (4092 mm)	161.10" (4092 mm)
C	Traverse Stroke	118.11" (3000 mm)	118.11" (3000 mm)
D	Overhang, Release Side	22.28" (566 mm)	22.28" (566 mm)
E	Cable Guide Overhang	0.0" (0 mm)	0.0" (0 mm)
F	(P) Vertical Stroke	70.87" (1800 mm)	70.87" (1800 mm)
G	(P) Vertical Standby	13.78" (350 mm)	13.78" (350 mm)
H	Bottom of Crosswise to Chuck Mount Position	17.72" (450 mm)	17.72" (450 mm)
I	Crosswise Arm	77.56" (1970 mm)	77.56" (1970 mm)
J	Thickness	26.30" (668 mm)	26.30" (668 mm)
K	(R) Vertical Standby	—	15.75" (400 mm)
L	(P) Crosswise Reach	62.99" (1600 mm)	62.99" (1600 mm)
M	(P) Crosswise Stroke Max.	55.71" (1415 mm)	49.02" (1245 mm)
N	(P) Crosswise Standby Min.	7.28" (185 mm)	13.98" (355 mm)
O	(P) (R) Proximity Min.	—	11.02" (280 mm)
P	(R) Crosswise Stroke Max.	—	49.02" (1245 mm)
Q	(R) Crosswise Standby Min.	—	2.95" (75 mm)
R	Base Offset	3.94" (100 mm)	3.94" (100 mm)
S	Mold Mounting Face - Box End	30.63" (778 mm)	30.63" (778 mm)



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