



INJECTION PRESS RANGE **500-1000 ton**

Digital AC SERVO Robot Series

LW-1600VI

LWS-1600VI

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°	33 lbs (15 kg)	32.5 ft-lbs (44 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	
LW-1600VI	66.9" (1700 mm)	N/A	44.5" (1130 mm)	86.6" (2200 mm)	5.3	2.75	1574 lbs (714 kg)	30 lbs (13.6 kg)	0.68 ft ³ (19.3 L/cycle)
LWS-1600VI	66.9" (1700 mm)	68.9" (1750 mm)	(P)41.3" (1050 mm) (R)41.3" (1050 mm)	86.6" (2200 mm)	7.6	3.9	1692 lbs (767 kg)	30 lbs (13.6 kg)	0.68 ft ³ (19.3 L/cycle)

STANDARD FEATURES

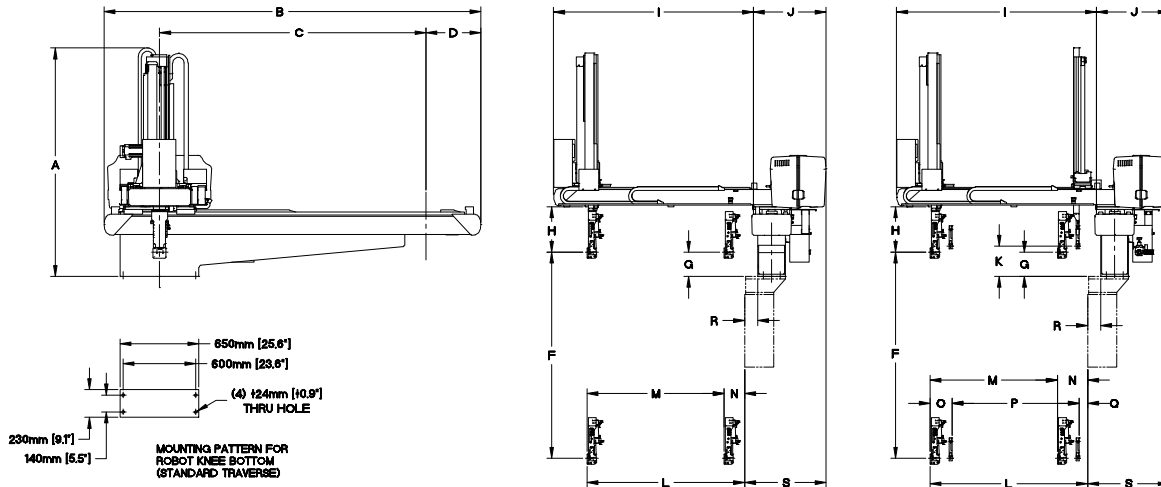
Vacuum Generator with Part Present Sensor
Part Grip Circuit
Sprue Grip Circuit
Selectable Fixed Side Extract
Defective Product Drop
Sample and Chuck Change Positions
Product Packaging (256 each axis)
CNC Step Programming
Compact Flash Memory
CPC® and AMP® Connections at the Head
Active Vibration Control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

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
Absolute Encoder
Vacuum Pressure Display & Adjust

ISO 9001
Certified Quality
Management
System

OVERALL DIMENSIONS



		LW-1600VI	LWS-1600VI
A	Overall Height	72.64" (1845 mm)	74.25" (1886 mm)
B	Overall Width	122.44" (3110 mm)	122.44" (3110 mm)
C	Traverse Stroke	86.61" (2200 mm)	86.61" (2200 mm)
D	Overhang, Release Side	17.80" (452 mm)	17.80" (452 mm)
E	Cable Guide Overhang	0" (0 mm)	0" (0 mm)
F	(P) Vertical Stroke	66.93" (1700 mm)	66.93" (1700 mm)
G	(P) Vertical Standby	7.87" (200 mm)	7.87" (200 mm)
H	Bottom of Crosswise to Chuck Mount Position	14.76" (375 mm)	14.76" (375 mm)
I	Crosswise Arm	64.96" (1650 mm)	64.96" (1650 mm)
J	Thickness	23.62" (600 mm)	23.62" (600 mm)
K	(R) Vertical Standby	—	9.84" (250 mm)
L	(P) Crosswise Reach	51.18" (1300 mm)	51.18" (1300 mm)
M	(P) Crosswise Stroke Max.	44.49" (1130 mm)	41.34" (1050 mm)
N	(P) Crosswise Standby Min.	6.69" (170 mm)	9.84" (250 mm)
O	(P) (R) Proximity Min.	—	7.09" (180 mm)
P	(R) Crosswise Stroke Max	—	41.34" (1050 mm)
Q	(R) Crosswise Standby Min.	—	2.76" (70 mm)
R	Base Offset	4.25" (108 mm)	4.25" (108 mm)
S	Mold Mounting Face - Box End	26.50" (673 mm)	26.50" (673 mm)



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