

● INJECTION PRESS RANGE: 40-100 TON ●

Digital AC SERVO Robot Series

SA-650-4

SA-650S-4



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°	6 lbs (3kg)	3.69 ft-lbs (5.0 N•m)	STEC-NC2c

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				
SA-650-4	25.59" (650 mm)	N/A	18.89" (480 mm)	39.37" (1000 mm)	1.8	1.1	173 (382 lbs)	0.058 (1.63 NI / Cycle)
SA-650S-4	25.59" (650 mm)	27.55" (700 mm)	12.99" (330 mm)	39.37" (1000 mm)	2.4	1.4	191 (422 lbs)	0.058 (1.63 NI / Cycle)

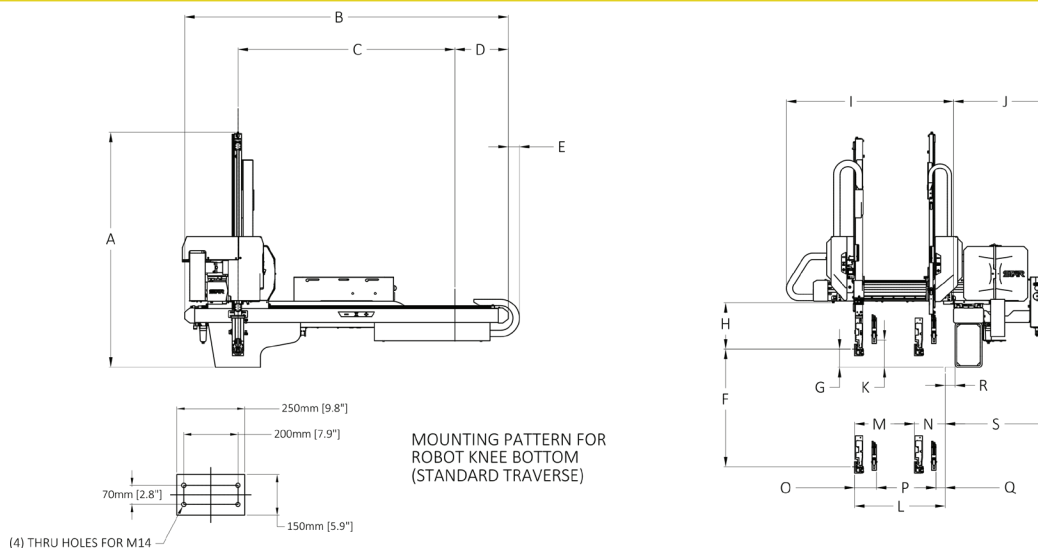
STANDARD FEATURE

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
SD Memory 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
Servo Posture Rotate

OVERALL DIMENSIONS



		SA-650-4	SA-650S-4
A	Overall Height	50.08" (1272mm)	51.19" (1300mm)
B	Overall Width	70.48" (1790mm)	70.48" (1790mm)
C	Traverse Stroke	39.37" (1000mm)	39.37" (1000mm)
D	Overhang, Release Side	11.61" (295mm)	11.61" (295mm)
E	Cable Guide Overhang	2.44" (62mm)	2.44" (62mm)
F	(P) Vertical Stroke	25.59" (650mm)	25.59" (650mm)
G	(P) Vertical Standby	3.94" (100mm)	3.94" (100mm)
H	Bottom of Crosswise to Chuck Mount Postion	10.12" (257mm)	10.12" (257mm)
I	Mold Mounting Face - Crosswise Arm End	36.42" (925mm)	36.42" (925mm)
J	Mold Mounting Face - Box End	20.67" (525mm)	20.67" (525mm)
K	(R) Vertical Standby	-	5.91" (150mm)
L	(P) Crosswise Reach Max.	19.68" (500mm)	19.68" (500mm)
M	(P) Crosswise Stroke Max.	18.89" (480mm)	12.99" (330mm)
N	(P) Crosswise Standby Min.	0.79" (20mm)	6.69" (170mm)
O	(P) Proximity Min.	-	4.76" (121mm)
P	(R) Crosswise Stroke Max.	-	12.99" (330mm)
Q	(R) Crosswise Standby Min.	-	1.93" (49mm)
R	Base Offset	2.16" (55mm)	2.16" (55mm)
S	Box End - Crosswise Arm End	22.52" (572mm)	22.52" (572mm)

All stated here is subject to change without notice.



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