

SA-650-3 SA-650S-3



Easy Operation

- Touch screen for easy operation
- Multicolor operation keys for improved visibility and ease of use
- Two-language exchange (English and Spanish)

STEC-NC2a



Injection Press Range
40~100 ton



LM Guide
THK linear motion rails on all axis



Saving Energy
Reduced power and air consumption.

To minimize the vibration and provide high rigidity and stability.

25% Power consumption reduced by 25% | 75% Air consumption reduced by 75%

COMMON SPECIFICATIONS

Power Source	Air Pressure	Drive System	Posture (Air Cylinder)	Air Cylinder Driving Force (Air Pressure at 0.49Mpa)		Control Box
				Max. Load	Posture Torque	
AC200~220V ±10 50/60Hz Single Phase	0.49 Mpa (71 psi)	AC Servo Motor	90°Fixed	3 kg (6.6 lbs) Incl Chuck Weight	4.9 N•m (3.6 ft-lbs)	STEC-NC2a

GENERAL SPECIFICATIONS

Model	Stroke (mm)				Electric Consumption (KVA)	Max Power Consumption (KW)	Net Weight (kg)		Air Consumption
	ⓅVertical	ⓇVertical	Crosswise	Traverse			Main Body	Pendant	
SA-650-3	650	-	480	1000	1.4	1.1	136	1.1	0.78 L/Cycle (0.03 ft³)
SA-650S-3		700	335		2.6	1.7	152		

* Net weight includes the weight of interlock box and driver box.

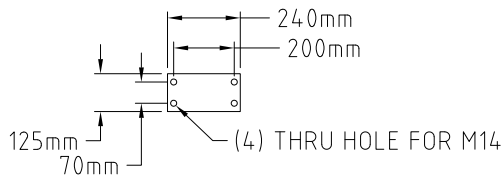
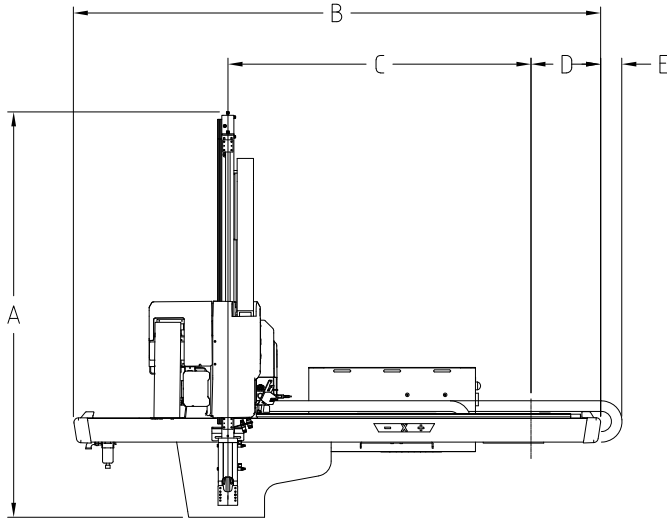
* In the column of stroke, Ⓟ stands for product side arm and Ⓡ stands for runner side arm.

STANDARD FUNCTIONS

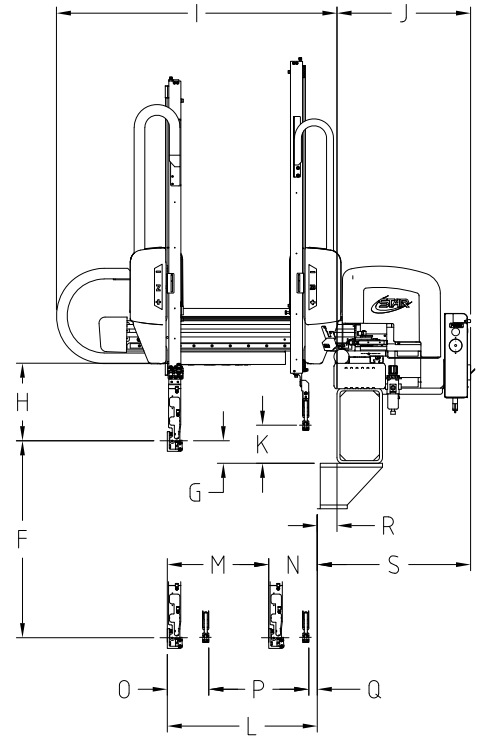
Extract descent standby	Energy saving vacuum confirmation unit (1circuit)	Ejector forward & return link	Runner release within mold
Crosswise product extract side posture control	Free extract for under-cut mold	Midway runner release (Advance & Return)	Extraction from fixed mold
Crosswise Free Servo point	Posture control during traverse	Posture midway descent at release side	Defective product reject
Initial defective product reject	Delayed traverse	Two language exchange (English, Spanish)	Standard packaging
Free packaging (100 points × 2 stage)	Start signal of conveyor	Servo sleep feature	Easy NC steps (USER PROGRAM EDITING)
External storage memory	Default blind feature	Backlight Auto OFF	

OPTION FUNCTIONS

Vacuum confirmation unit (2 or 4 circuits)	Chuck pressure regulator	Air nipper in chuck circuit	Release product at two different points
Release product at four different points	Alarm Lamp (Red color,w/o buzzer)	NT gate cutting on crossmember of moving mold side (w/unit)	



MOUNTING PATTERN FOR
ROBOT KNEE BOTTOM



OUTER DIMENSIONS (mm)		SA-650-3	SA-650S-3
A	Overall height	1280	1340
B	Overall width	1740	
C	Traverse stroke	1000	
D	Overhang, release side	230	
E	Cable guide overhang	70	
F	(P) Vertical Stroke	650	
G	(P) Vertical Standby	70	
H	Bottom of crosswise to chuck mount position	257	
I	Crosswise arm	930	
J	Thickness	460	
K	(R) Vertical standby	-	120
L	(P) Crosswise reach max	535	495
M	(P) Crosswise stroke max	480	335
N	(P) Crosswise standby min	55	160
O	(P) (R) Proximity min	-	132
P	(R) Crosswise stroke min	-	335
Q	(R) Crosswise standby min	-	28
R	Base Offset	20	65
S	Mold Mounting Face - Box End	480	525

All stated here is subject to change without notice.