

**SA-800-3**  
**SA-800S-3**



## Easy Operation

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



**LM Guide**  
**THK linear motion rails on all axis**

To minimize the vibration and provide high rigidity and stability.



**Saving Energy**  
**Reduced power and air consumption.**

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



**Injection Press Range**  
**80~300 ton**

## 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	5 kg (11 lbs) Incl Chuck Weight	12.9 N•m (9.5 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-800-3	800	-	690	1600	1.4	1.1	206	1.1	1.40 L/Cycle (0.05 ft³)
SA-800S-3		850	520		2.6	1.7	222		

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

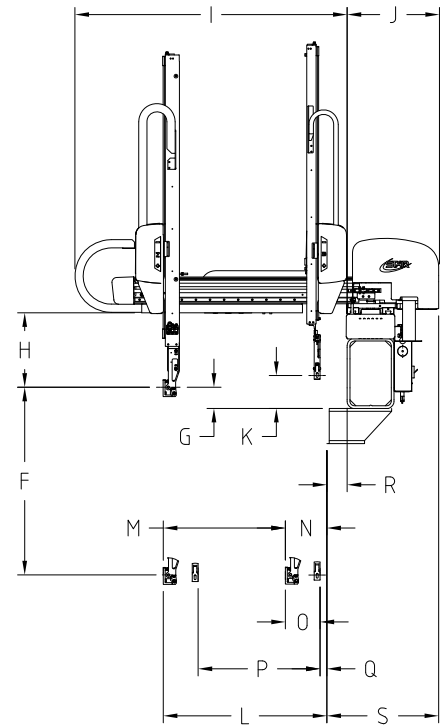
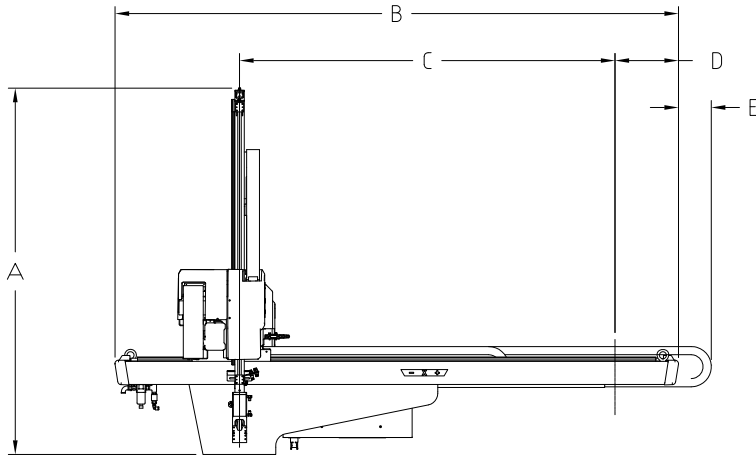
\* In the column of stroke, Ⓟstands for product side arm and Ⓡstands for runner side arm.

## STANDARD FUNCTIONS

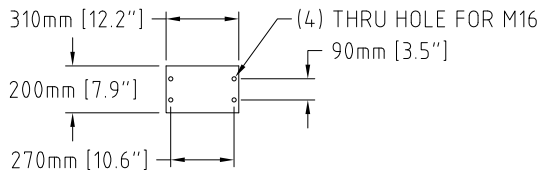
Extract descent standby	Energy saving vacuum confirmation unit (1circuit)	Ejector forward & return link	Runner release within mold
Crosswise product extract side posture control	Free extract for under-cut mold	Midway runner release (Advance & Return)	Extraction from fixed mold
Crosswise Free Servo point	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 (STANDARD TRAVERSE)



OUTER DIMENSIONS (mm)		SA-800-3	SA-800S-3
A	Overall height	1520	1560
B	Overall width	2400	
C	Traverse stroke	1600	
D	Overhang, release side	270	
E	Cable guide overhang	140	
F	(P) Vertical Stroke	800	
G	(P) Vertical Standby	90	
H	Bottom of crosswise to chuck mount position	317	
I	Crosswise arm	1160	
J	Thickness	393	
K	(R) Vertical standby	-	140
L	(P) Crosswise reach max	697	
M	(P) Crosswise stroke max	690	520
N	(P) Crosswise standby min	11	177
O	(P) (R) Proximity min	-	148
P	(R) Crosswise stroke min	-	520
Q	(R) Crosswise standby min	-	29
R	Base Offset	86	
S	Mold Mounting Face - Box End	479	

All stated here is subject to change without notice.