



Side Entry In Mold Labeling Robots System

SIS-1600



Refer carefully to this manual before operation.

■ Coding Principle



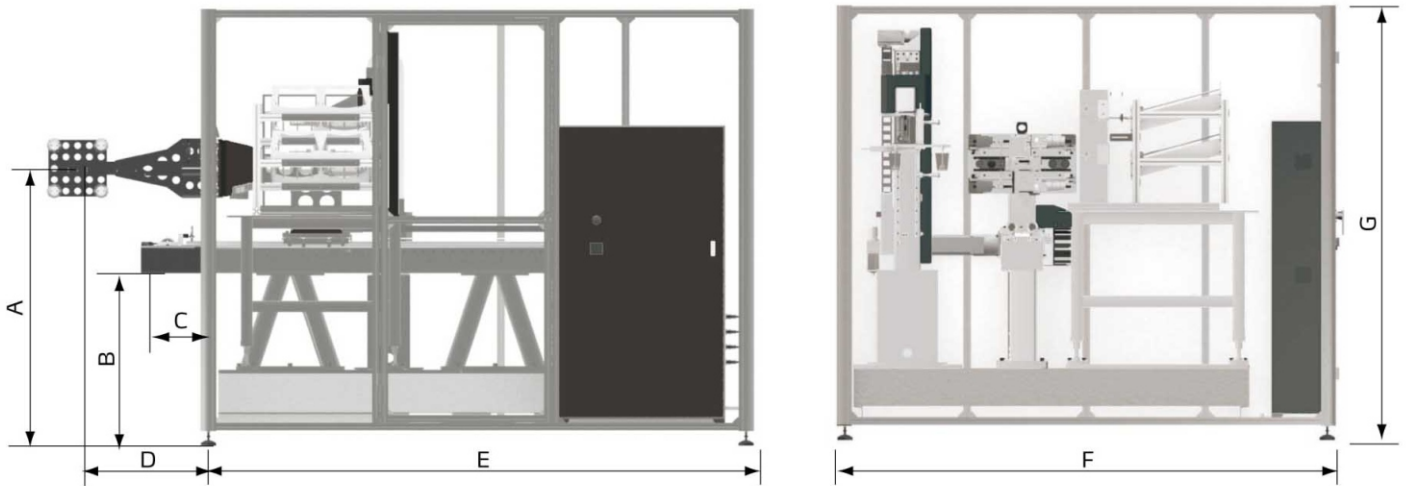
■ Features

- Employs floor standing, separate from injection molding machine without mechanical vibration frequency interfere.
- Servo motors control the transmission parts precisely and rapidly.
- Servo motors driven stacking units.
- Electrostatic charge included in gripper.
- Conveyor and safety guarding included.

■ Application

Suitable for injection molding machine under 450T clamp force. The system designed for single face mold with 1, 2 or 4 cavity. Place labels and take out products automatically and rapidly, cycle time is 4 to 6 seconds, improve the production efficiency and the product quality.

Outline Drawings



Specifications

Model		SIS-1300	SIS-1300M	SIS-1600	SIS-1600M	SIS-2000	SIS-2000M
IMM (Ton)		50-200	50-200	200-350	200-350	350-450	350-450
Main Axis	Traverse Stroke	1300	1300	1600	1600	2000	2000
	Crosswise Stroke Product (mm)	150	150	150	150	150	150
	Crosswise Stroke Labeling (mm)	150	150	150	150	150	150
Stacking	Crosswise Stroke (mm)	200	200	200	200	200	200
	Vertical Stroke (mm)	700	700	700	700	700	700
	Gripper Angle (deg)	90	90	90	90	90	90
IML	Crosswise Stroke (mm)	200	200	200	200	200	200
	Gripper Angle (deg)	90	90	90	90	90	90
Width of Belt (mm)		400	400	400	400	400	400
Conveyor	Length of Conveyor (mm)	2000	2000	2000	2000	2000	2000
	Height Adjustable (mm)	700-1000	700-1000	700-1000	700-1000	700-1000	700-1000
Min Cycle Time (sec)		4.6	4.2	5.0	4.5	5.5	5
Dimensions (mm)	A	1460	1460	1460	1460	1460	1460
	B	900	900	900	900	900	900
	C	310	310	310	310	310	310
	D	1210	1210	1210	1210	1210	1210
	E	2540	2540	2840	2840	3140	3140
	F	2560	2560	2650	2560	2650	2650
	G	2300	2300	2300	2300	2300	2300

Notes: 1) "EM12" stands for EUROMAP12 communication interface.
 "EM67" stands for EUROMAP67 communication interface.
 "N" stands for non-operation side, operation side without "N"
 2) Power supply requirement: 3Φ, 380-440V, 50/60Hz

Shini Group

Addr: No. 23, Minhe St., Shulin Dist.,
New Taipei, Taiwan

Tel: +886 2 2680 9119

Fax: +886 2 2680 9229

Email: shini@shini.com

Factories:

- Taiwan
- Dongguan
- Pinghu
- Ningbo
- Mumbai

2014-10-15-04 Copyrights Reserved.

www.shini.com