

SC-750&950 SERIES

3 AXES CNC
SERVOMOTOR DRIVEN



OVERVIEW

3 AXES CNC SERVOMOTOR DRIVEN

- Light weight high speeds model from modern electrical injection molding machine.
- 3 axes CNC servomotor driven. Free tracking programming with pulse generator.
- Window XP base DSP control system with USB port. Easy to upload / download programs.
- All the necessary functions built in as standard. No extra charge.
- Able to storage teach program download or upload to PC through USB port.

FEATURES

STANDARD 14 SPARE INPUTS AND 12 SPARE OUTPUTS FOR INTERFACING WITH OTHER ANCILLARY EQUIPMENT. EXTENSION UP TO 30 I/O ALSO AVAILABLE.

1) Parts removal:

①.3 axes synchronized movements reduce complexity and cost to build end-arm-tooling.

②.Able to reach parts with hooks and undercuts using unconventional paths such as curves, etc.

2) Stack and array:Each cycle can handle up to 9 stack areas with individual stack formats. Can also place parts onto 100 points on the same surface.

3) Insert and grid:Each cycle can place 9 different insertion materials into the mould, fed from a single point, grid pallet, or multi-station.

4) 3D path:

The robot can follow teaching point-to-point path to move. It lets the track move smoothly and shorten the cycle time.

5) Inspection:

Reject program: Detects signal from the moulding machine, set the reject part count and places part in different area.

Inspection program: Places part in different area for QC inspection, for example every 100 cycles.

Test-mould program: Allows checking of parts at the beginning of each automatic moulding cycle before cycle counter starts. Weight program: Checks part quality from electronic weigh scale and separates defect parts.

Cycle counter: Counts the total number of moulding cycles. If counting good parts only, inspection cycle and defect parts are not included in count total.

SPECIFICATION

Model NO.		Stroke (mm)			Max. Payload (kgs)	Net Weight (kgs)	Operating Air Pressure
		Crosswise (N)	Vertical (C)	Traverse (I)			
SC750G	Single-stage with gripper	352	750	1020	3	180	5 bar
SC950G	Single-stage with gripper	472	950	1300	3	185	
SC750W	Single-stage with wrist	352	750	1020	3	185	
SC950W	Single-stage with wrist	472	950	1300	3	190	