



Apex SC Series CNC Robot

The Apex SC Series Servo Traversing Robots feature AC brushless servo drive on the Strip, Vertical and Traverse Strokes for the ultimate in speed and flexibility. The servo drives allow for fast cycles along with enhanced in-mold and secondary positioning and motion sequences. This robot is the ultimate in flexibility at an unbelievable price!



Standard Features:

- SC Series Robots are also available in Single Stage and Telescoping Vertical Arm designs
- Standard with (1) Vacuum and (1) Grip circuit with part verification
- Fully user programmable touch screen control



- Programmable Sub-Routines allow programming flexibility for Reject Parts, Stacking sequences and Insert sequences
- Speed, Position and Timers can be adjusted during operation
- Diagnostics, I/O Status and error messages on pendant
- Transfer and save programs with USB port
- 14 Spare Inputs & 12 Spare Outputs for auxiliary equipment interface
- Standard SPI/EUROMAP molding machine interface w/connector (SPI-ANSI 116/E12 or SPI-ANSI 146/E67)
- Custom Mounting Adapter to fit machine platen (if necessary)

Model Number	I.M.M. Range	Payload Kg (lbs)	Strip Stroke mm (in)	Vertical Stroke mm(in)	Traverse Stroke mm(in)
SC1300	600-800	12 (26.4)	900 (35.4")	1300 (51.2")	2130 (83.8")
SC1300D	600-800	12 (26.4)	900 (35.4")	1300 (51.2")	2130 (83.8")
SC1500D	700-1200	30 (66)	760 (29.9")	1500 (59.0")	2310 (90.9")
SC1700D	1000-2000	30 (66)	1190 (46.9")	1700 (66.9")	2310 (90.9")
SC2000D	1800-2500	30 (66)	1430 (56.3")	2000 (78.7")	2490 (98.0")
SC2500D	2000-3000	50 (110)	1550 (61.0")	2500 (98.4")	3010 (118.5")
SC3000D	2200-5000	50 (110)	1970 (77.6")	3000 (118.1")	3010 (118.5")

Operating Voltage: 220V Three Phase, 50/60 HZ (20 Amps)

Available Options:

1. Additional Vacuum Circuits with verification
2. Additional Pressure Grip Circuit
3. Additional (8) Inputs and (8) Outputs
4. Wrist Rotation A – Axis. Must specify 90° or 180° with order