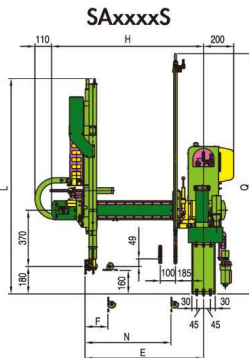
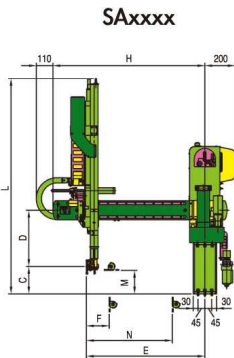
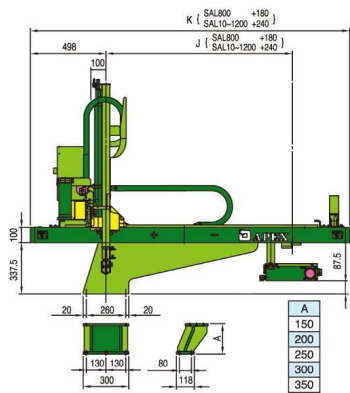
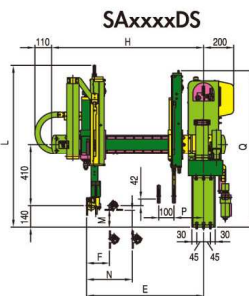
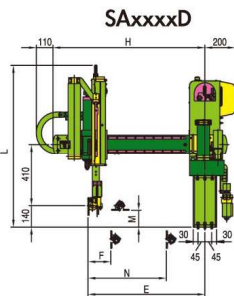
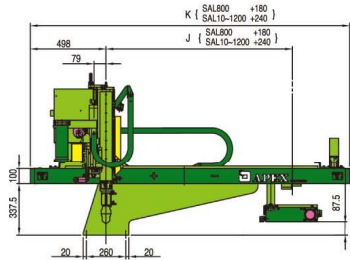


# Mechanical Drawings



Model No.	C	D	E	F	H	J	K	L	M	N
SA800	180	370	894	200	1120	1226	2126	1537	160	680
SA1000	180	370	1019	250	1240	1406	2306	1717	160	800
SA1200	157	393	1028	300	1240	1646	2546	1917	127	800

Model No.	E	F	H	J	K	L	N	Q
SA800S	894	200	1120	1226	2126	1537	500	1682
SA1000S	1019	250	1240	1406	2306	1717	620	1882



Model No.	E	F	H	J	K	L	M	N
SA800D	884	200	1120	1226	2126	1175	120	630
SA1000D	1013	250	1240	1406	2306	1275	120	750
SA1200D	1013	300	1240	1646	2546	1375	110	750

Model No.	E	F	H	J	K	L	M	N	P	Q
SA800DS	884	200	1120	1226	2126	1175	120	420	195	1205
SA1000DS	1013	250	1240	1406	2306	1275	120	505	226	1305
SA1200DS	1013	300	1240	1646	2546	1375	110	505	226	1405

## Technical Specifications

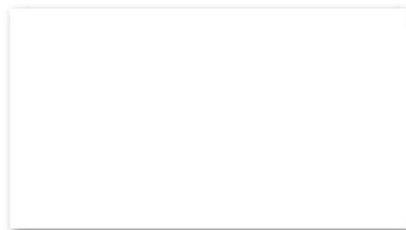
Model No.	Dry Cycle (sec.)		I.M.M. Range (Tonne)	Stroke (mm)					Max. Payload (kgs)		Net Weight (kgs)	Comp Air Consumption (NL/Cycle)	
	Take-Out	Cycle		Crosswise		Vertical	Traverse	Main	Sub				
				Main	Sub								
SA800	Single-stage & Single-Arm	1.2	11	80-200	200	—	—	—	—	3	180	37	
SA800S	Single-stage & Double-Arm					100	850	1226 (SAL+180)	—	3	190	42.5	
SA800D	Telescopic & Single-Arm					—	—	—	—	—	200	32.5	
SA800DS	Telescopic & Double-Arm	1.4	12	200-450	250	100	850	1050	1406 (SAL+240)	3	210	41	
SA1000	Single-stage & Single-Arm					—	—	—	—	—	—	185	46.5
SA1000S	Single-stage & Double-Arm					—	—	—	—	—	—	195	52
SA1000D	Telescopic & Single-Arm					—	—	—	—	—	—	210	40.5
SA1000DS	Telescopic & Double-Arm					—	—	—	—	—	—	220	50.5
SA1200	Single-stage & Single-Arm					1.6	13	450-650	300	—	—	—	1646 (SAL+240)
SA1200D	Telescopic & Single-Arm	—	—	—	—					—	—	215	51.5
SA1200DS	Telescopic & Double-Arm	—	—	—	—					—	—	230	63.5

Power Source: AC 110V or 220V SINGLE PHASE



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**APEX DYNAMICS, INC.**

**SA** SERIES  
TRaversing ROBOT  
ONE AXIS SERVO DRIVEN





# SA SERIES TRAVERSING ROBOTS

- APEX IS THE MOST TRUSTED NAME IN INJECTION MOULDING ROBOTS
- 3 Axis linear guide bearing for smooth movements.



New

## Servo Motor-Driven On Traverse-axis



- AC Brushless servomotor drive on traverse axis with accuracy to  $\pm 0.1$ mm.
- Available in 110V or 220V single phase operation, please specify.

## Hand-Held Controller:

One key per function pendant with large LCD screen and multi-language support. Conversational programming style is user-friendly and easy to use.

## Programming:

