

SE SERIES



CNC ROBOT

PARALLEL FORWARD LOADER TYPE



Application

14 spare input and output terminal for coordinate with other auxiliary equipments.

1. Parts removal:

- Reduce the difficulty and lower the cost to built End Of The Arm Tooling.
- Able to reach unconventional paths such as curves, hooks, undercut, exceptional route.

2. Stack and array:

In one cycle can handle up to 9 stack areas with individual stacking format. Otherwise can place 100 points on a same working surface.

3. Insert and grid:

In one cycle can pick 9 different insertion materials into the mold. It can be feed from a single point or grid pallet or multi-station.

4. Inspection:

- Reject program: When detecting the reject signal from Injection Molding Machine, it can set the quantities and place on a different area.
- Inspection program: By setting the quality counter for Q/C purpose. For example to inspect the parts every 100 molding cycle once.
- Test-Mold program: By setting the test-mold counter, at the beginning of the automatic molding cycle can be checked.
- Weight program: Check the quality parts by electronic weight scale. It can separate the defects.
- Cycle counter: By setting the total molding cycle. It only counting the good parts, inspection and defects will not taken into total count.



Hand-Held Pendant

One key one-function designs for clearly commanded. Pulse generator can manually move the robot to designate location, safe and easy for programming. Mutli-language switches and conversational method guides the operator through out user-friendly operation. Each teachable program can write up to 500 steps, each step can write 10 motion sequences together. All speeds can be adjusted by the percentage rate.



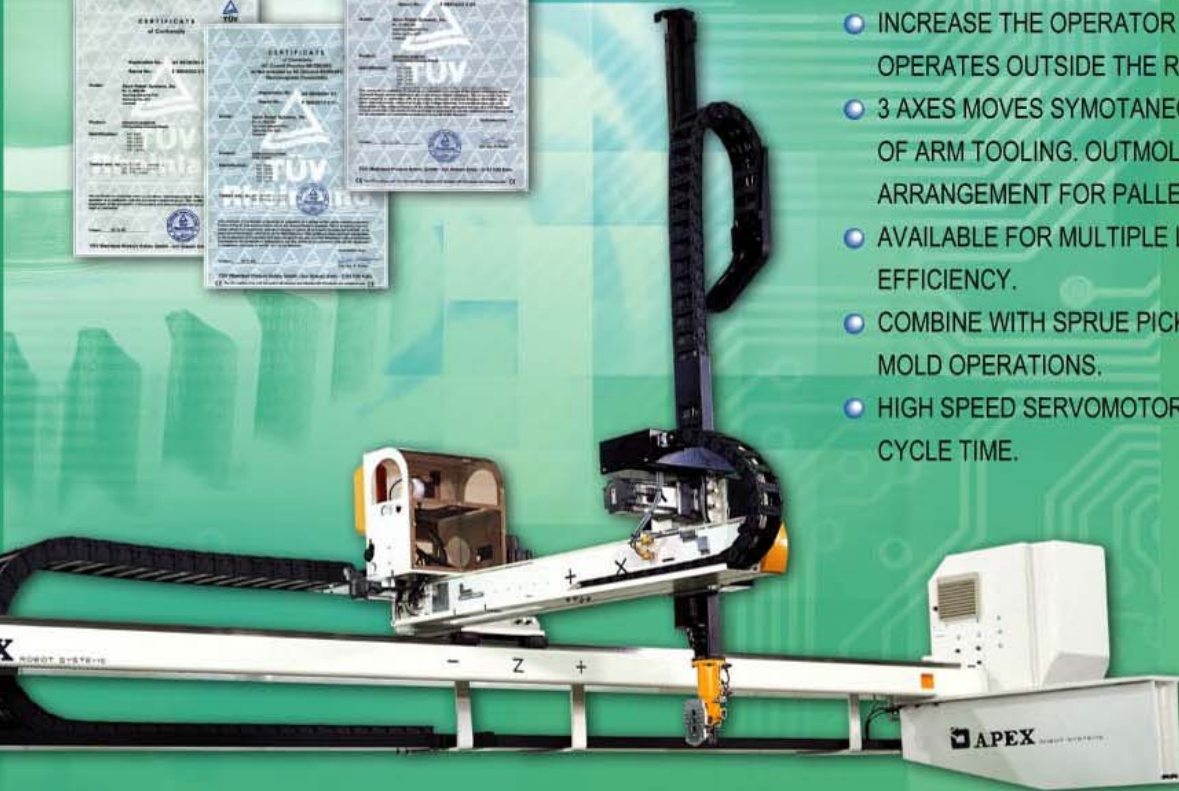
Wrist Rotation Device



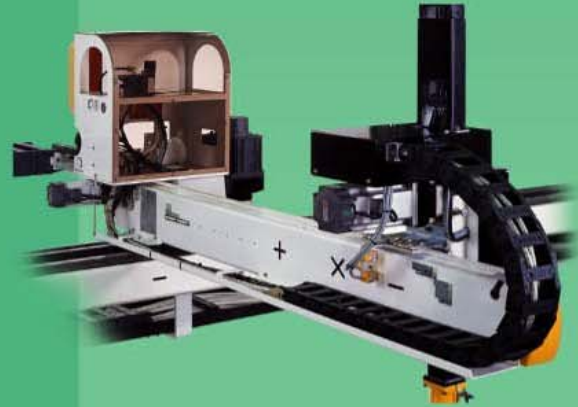
Unique designed wrist rotation device with air shut off pin. Excellent safety protection and easy to changed the End Of The Arm Tooling.



- SAVING MOLDING MACHINE OPERATION SPACE.
- INCREASE THE OPERATOR SAFETY AS OPERATOR OPERATES OUTSIDE THE ROBOT MOTION AREA.
- 3 AXES MOVES SYMOTANEOUSLY TO SAVE COST OF END OF ARM TOOLING. OUTMOLD AREA CAN BE FREE ARRANGEMENT FOR PALLETIZING OR STACKING.
- AVAILABLE FOR MULTIPLE LINKAGE TO INCREASE EFFICIENCY.
- COMBINE WITH SPRUE PICKER SUITABLE FOR 3 PLATEN MOLD OPERATIONS.
- HIGH SPEED SERVOMOTOR DRIVES TO SHORTEN THE CYCLE TIME.



Centralize Control Cabinet



3 Axes Servomotor Drives

Optional Accessories



End Of Arm Tooling accessories.

Optional Accessories



Extra vacuum generator.

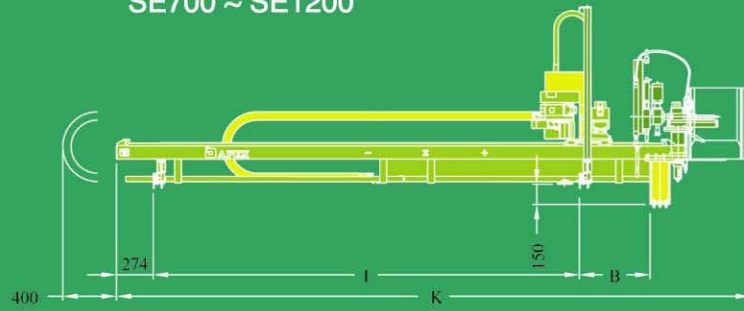
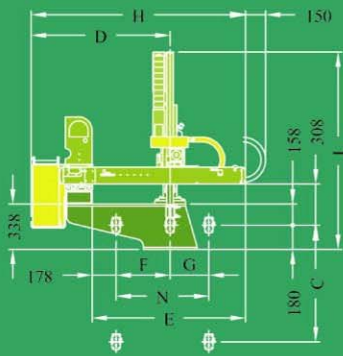
Optional Accessories



Sprue Picker

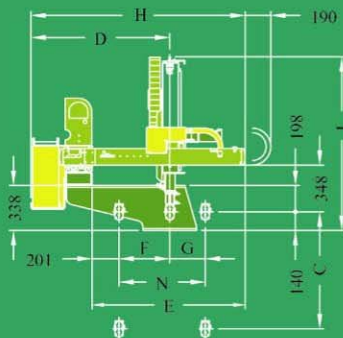
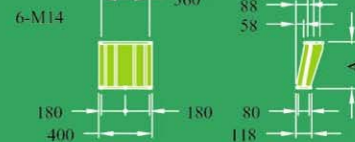
Mechanical Drawings

SE700 ~ SE1200

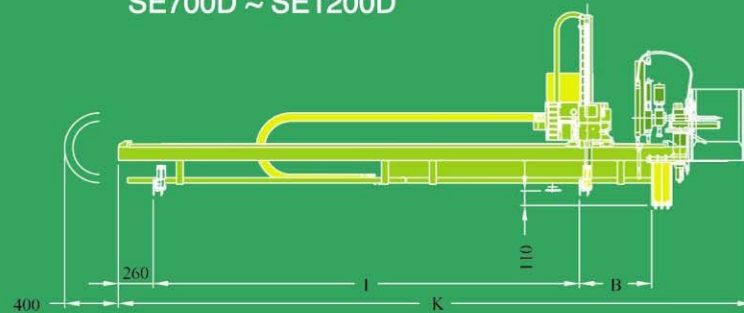


Model No.	B	C	D	E	F	G	H	I	K	L	N
SE700	201	700	875	902	242	209	1357	2540	3766	1472	451
SE900		900	955	1022	322	249	1477	3020	4246	1672	571
SE1200		1200	1035	1142	402	289	1597	3500	4726	1972	691
SE700+STD	291	700	875	902	242	209	1357	2450	3766	1472	451
SE900+STD		900	955	1022	322	249	1477	2930	4246	1672	571
SE1200+STD		1200	1035	1142	402	289	1597	3410	4726	1972	691

A
100
150
200
250
300
350

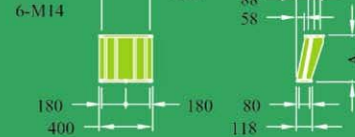


SE700D ~ SE1200D



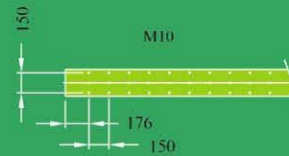
Model No.	B	C	D	E	F	G	H	I	K	L	N
SE700D	214	700	875	902	219	184	1357	2540	3766	1197	403
SE900D		900	955	1022	299	224	1477	3020	4246	1297	523
SE1200D		1200	1035	1142	379	264	1597	3500	4726	1447	643
SE700D+STD	304	700	875	902	219	184	1357	2450	3766	1197	403
SE900D+STD		900	955	1022	299	224	1477	2930	4246	1297	523
SE1200D+STD		1200	1035	1142	379	264	1597	3410	4726	1447	643

A
100
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350



Supports are required.

Support height = floor to fix platen surface height + spacer height + 338 (base height)



Technical Specifications

Model No.		Stroke (mm)					Max. Payload (Kgs)		Net Weight (Kgs)	Operating Air Pressure
		Crosswise (kick) (N)		Vertical (C)		Traverse (I)	Main	Sub		
		Main	Sub	Main	Sub					
SE700	Single-stage	451	-	700	-	2540	6	-	230	5 kg / cm ²
SE900	Single-stage	571	-	900	-	3020	6	-	240	
SE1200	Single-stage	691	-	1200	-	3500	6	-	250	
SE700D	Telescopic	403	-	700	-	2540	6	-	280	
SE900D	Telescopic	523	-	900	-	3020	6	-	290	
SE1200D	Telescopic	643	-	1200	-	3500	6	-	295	
ST650D ST950D	Telescopic	-	120	-	650 950	-	-	3	54 59	

Operation Voltage: AC 220V 3 phase



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