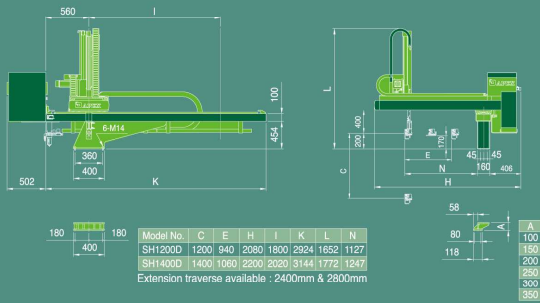
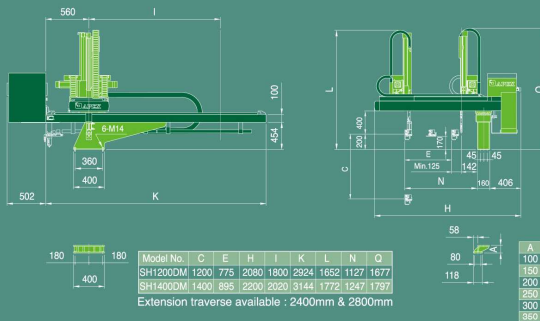


## Mechanical Drawings

SH1200D~SH1400D



SH1200DM~SH1400DM



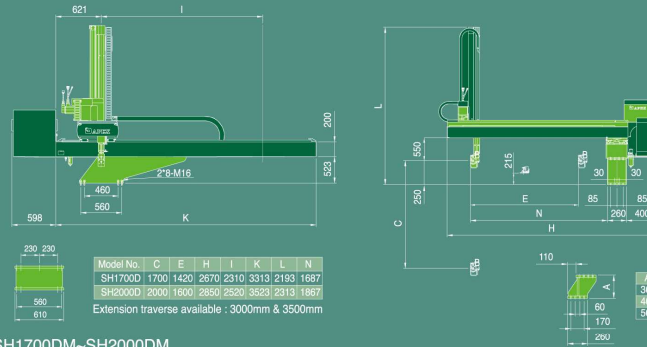
## Technical Specifications

Model No.		Stroke ( mm )					Max. Payload (Kg)	Net Weight (Kg)	Operating Air Pressure
		Crosswise ( kick )		Vertical		Traverse			
		Main ( E )	Sub	Main ( C )	Sub				
SH1200D	Telescopic & Single-Arm	940	-	1200	-	1800	12	475	5 kg/cm <sup>2</sup>
SH1400D	Telescopic & Single-Arm	1060	-	1400	-	2020	12	500	
SH1200DM	Telescopic & Double-Arm	775	775	1200	1250	1800	12	500	
SH1400DM	Telescopic & Double-Arm	895	895	1400	1450	2020	12	525	

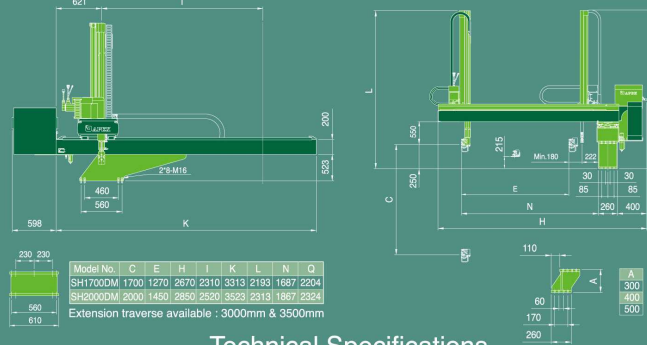
Operation Voltage: AC 220V 3 phase

## Mechanical Drawings

SH1700D~SH2000D



SH1700DM~SH2000DM



## Technical Specifications

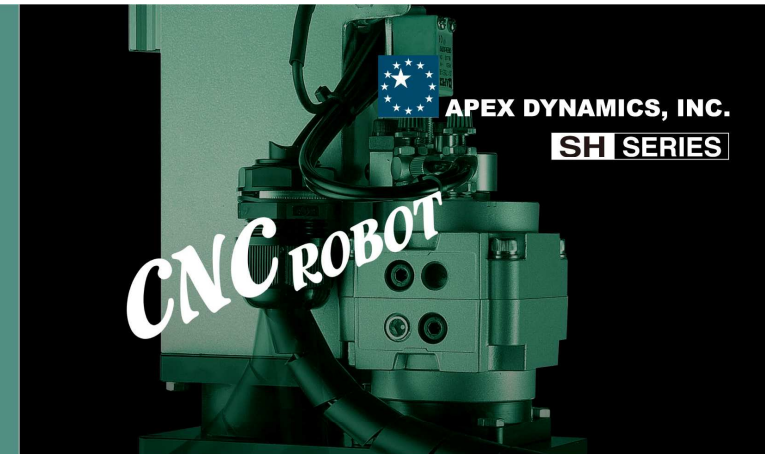
Model No.		Stroke ( mm )					Max. Payload (Kg)	Net Weight (Kg)	Operating Air Pressure
		Crosswise ( kick )		Vertical		Traverse			
		Main ( E )	Sub	Main ( C )	Sub				
SH1700D	Telescopic & Single-Arm	1420	-	1700	-	2310	30	890	5 kg/cm <sup>2</sup>
SH2000D	Telescopic & Single-Arm	1600	-	2000	-	2520	30	920	
SH1700DM	Telescopic & Double-Arm	1270	1270	1700	1750	2310	30	920	
SH2000DM	Telescopic & Double-Arm	1450	1450	2000	2050	2520	30	950	

Operation Voltage: AC 220V 3 phase



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DESIGNED BY SHC/DRE 2010.11.11



# SH SERIES

## 6 AXIS SERVO MOTOR DRIVEN CNC ROBOTS WITH TELESCOPIC ARM

- Rigid box frame design on the cross axis. Very sturdy under high speeds operation.
- Strong and lightweight Aluminum alloy extrusion material that can absorb shock wave further more to reduce vibration.
- 6 axis synchronized movement. Free tracking control with pulse generator, easy to program.
- Sub-arm model equipped with electrical motor for easy strokes adjustment. No need to climb up.



**NEW**



SH-XXXXDM



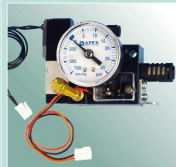
SH-XXXX



C axis servo rotation device on arm



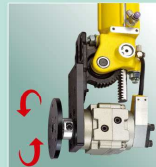
Vacuum pad & frame. Quick change system.



Vacuum generator



C axis pneumatic rotation device on arm (90° or 180°).



C axis pneumatic rotation device on EOAT (90° or 180°).



SPI or Euromap plug

### Application

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

- **Parts removal:**
  - Reduce the difficulty and lower the cost to built End Of Arm Tooling.
  - Able to reach unconventional paths such as curves, hooks, undercut and exceptional routes.
- **Stack and array:**

Can handle up to 9 stacks and array areas. Otherwise can placing 100 points on the same working surface.
- **Insert and grid:**

Can handle 9 different insertion materials into the mold. It can be feed from single point or grid pallet or multi-station.
- **Coordinate with other second operation machines**

Conveyor, palletizing, sprue cutting, electronic weight scale, parts feeder, self-storage system and many others.
- **Multiple inspection functions**
  - Reject program: When connected to Injection Molding Machine, can place reject part in pointed area.
  - Inspection program: By setting the quality counter placing the part for Q/C purpose. Example once every 100 cycles.
  - Weight program: Connected to electronic weight scale, it can separate the defect part.
  - Cycle counter: By setting the total molded cycles. Inspection or defect cycle will not taken into counters.



CNC control box. 6 drivers for 6 axis.

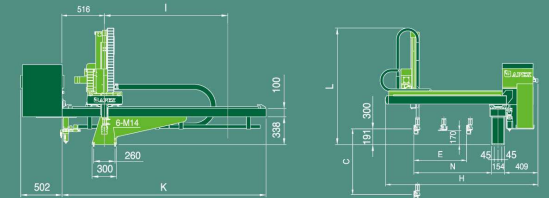


### Touch-Screen Pendant

- 8" Touch screen. AMD 500MHz CPU with DDR 512M Memories. Compatible with Windows CE system and 512M CF memory card.
- Easy to operate with graphic symbol. All the information is stored in the CF card. Update system, upload or download program can be done directly on hand-pendant.
- Multiple languages can be select. All the repair and maintenance can be done on the hand-pendant. Faster and easier than ever.
- Gigantic memory capacity. It can store over 10,000 sets of programs; each program can edit 500 steps. Also can use USB port to upload or download to PC.

## Mechanical Drawings

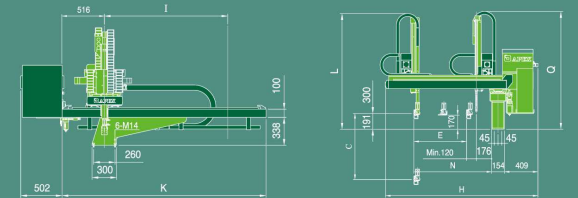
### SH800D~SH1000D



Model No.	C	E	H	I	K	L	N
SH800D	800	520	1620	1320	2310	1280	706
SH1000D	1000	700	1800	1560	2550	1380	886

Extension traverse available : 1850mm & 2160mm

### SH800DM~SH1000DM



Model No.	C	E	H	I	K	L	N	Q
SH800DM	800	395	1620	1320	2310	1280	706	1360
SH1000DM	1000	575	1800	1560	2550	1380	886	1420

Extension traverse available : 1850mm & 2150mm

## Technical Specifications

Model No.		Stroke ( mm )					Max. Payload (Kg)	Net Weight (Kg)	Operating Air Pressure
		Crosswise ( kick )		Vertical		Traverse ( I )			
		Main ( E )	Sub	Main ( C )	Sub				
SH800D	Telescopic & Single-Arm	520	-	800	-	1920	6	400	5 kg/cm <sup>2</sup>
SH1000D	Telescopic & Single-Arm	700	-	1000	-	1560	6	425	
SH800DM	Telescopic & Double-Arm	395	395	800	850	1320	6	425	
SH1000DM	Telescopic & Double-Arm	575	575	1000	1050	1560	6	450	

Operation Voltage: AC 220V 3 phase