




# Datasheet

Models	680	680 XL
		
<b>Machine General</b>		
Placement Accuracy	±0.03MM	±0.03MM
Placemenn Maximum Speed	0.8 Second/Component	0.8 Second/Component
Robot or Gantry	Gantry	Gantry
Nozzle/Gripper Quantity per Gantry	6	6
Component Feeder Bench	2-Side	2-Side
Max Feeder Quantity Each Side	8	8
Conveyor Stage Quantity	3	3
Active Clinching	Yes (Optional)	Yes (Optional)
Passive Clinching	Yes (Optional)	Yes (Optional)
Conveyor Width Auto-Change	Yes	Yes
Maximum Placement Down Force	50N/100N	50N/100N
Conveyor Height *Customized is available	900±30MM	900±30MM
Footprint	975*1295MM(Depth)	1020*1390MM(Depth)
<b>Gantry Head</b>		
Gripper Types	Air	Air
Gripping Force Control	Pressure	Pressure
Auto Gripper Change	Yes (Optional)	Yes (Optional)
Gripper/Nozzle Quantity in Change-over Station	6	6
Component Placemenet Angle	0-360 Degree	0-360 Degree
<b>PCBA Support</b>		
Maximum PCB Size (mm)	410*400MM(Depth)	800*550MM(Depth)
Min PCB Size (Width x Lenth mm)	50*70MM	50*70MM
PCB Thickness (mm)	0.8-5MM	0.8-5MM
Standard PCB Weight *Custom-made is available	6KG	6KG
Max Component Length (mm) *Custom-made is available	140MM	140MM
Max Component Width (mm)	40MM	40MM
Max Component Height (mm)	35MM	62MM
Max Component Weight (g) *Custom-made is available	300G	300G
Standard Bottom Clearance	20MM	20MM

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<b>Feeding System</b>		
Feeder Bench Width	720MM	720MM
Maximum Feeder Soecket (Electrical&Air) Each Side	8	8
Maximum Component Type Each Side	8	8
Component Prefrom in Feeder	Yes	Yes
<b>Vision</b>		
Board Positioning	Vision(Fiducial Mark)	Vision(Fiducial Mark)
Up-Looking Camera Quantity	3	3
Camera Type	CCD	CCD
Pre-Placement Hole Inspection	YES	YES
Camera Resolution	5Million	5Million
<b>Software</b>		
Camera Guide Programming	Yes	Yes
Offline Programming	Yes	Yes
Custom MES Development	Yes	Yes
Operation System	Win10	Win10
<b>Facility Information</b>		
Machine Weight(kg)	1400KG	1500KG
Machine Size(LxWxH)(mm)	975*1295MM(Depth)*1500MM	1020*1390MM(Depth)*1535MM
Power Supply	220V/50Hz	220V/50Hz
Power Rate	1.8KVA	1.8KVA
Compressed Air Pressure	5-6BAR	5-6BAR
Compressed Air Consumption	50L/Min	50L/Min