

3.2.2 HP-520S, HP-680S, HP-850S , HP-1000S

	HP-520S	HP-680S	HP-850S	HP-1000S
Screen Frame	Specification			
Screen Frame Size (mm)	600L x 550W, 650L x 550W, 736L x 736W	650,736,800,860(L) × 550,736,800(W)	736,800,860,920, 1000,1050(L) × 736,800,850(W)	920,1000,1100, 1200(L) × 800,900(W)
Stencil Origin	Center, Front			
PCB Application	Specification			
PCB Size (mm)	50L x 50W ~ 520L x 420W	50L x 50W ~ 680L x 480W	70L x 70W ~ 850L x 510W	200L x 150W ~ 940L x 610W
PCB Thickness	0.4 mm ~ 6.0 mm			
PCB Clamp	Edge guide + Top Guide Clamp			
PCB Support Method	Magnetic Support Pin & Block			
PCB Transfer	Specification			
Conveyor conversion	Automatic (Standard)			
PCB Transfer Direction	Left to Right or Right to Left			
Transfer Height From Floor	900 ±30 mm			
Transfer Base	Front Fixed (Standard)			
Vision Parameter	Specification			
Vision Camera	IPS CCD Camera (SONY OEM) *F.O.V 11mm × 8mm			
Illumination Method	Red, Green, Blue Indirect illumination			
Vision Processing Method	256 Gray Scale Real Time Processing			
Fiducial Type	All type of Fiducial Mark recognition			
Fiducials	0, 1, 2			
Vision Printing	Specification			
Printing Direction	Front, Rear			
Squeegee Type	Special heat treated Metal Squeegee			
Squeegee Speed	1 ~ 150 mm/sec (Inc 0.01mm/s)			
Squeegee Pressure	0.1 ~ 40Kg/f	0.1 ~ 60Kg/f	0.1 ~ 95Kg/f	
Printing Speed & Pressure Control	Digital control for Speed and Pressure of Squeegee by each working section			
Snap off distance	0 ~ 5 (Increase 0.01mm)			
Separating Speed	1 ~ 15 mm/sec (Increase 0.01 mm/sec)			
Separating Way	0 ~ 10 mm (Increase 0.01 mm)			
Cycle Time PCB Size (mm) 203L × 145W	Excluding Printing: 7sec *Real Time:13sec	Excluding Printing: 10sec *Real Time:16sec	Excluding Printing: 12sec *Real Time:18sec	Excluding Printing: 20sec *RealTime:28sec
Accuracy	±0.015mm			
Repeatability	±0.01mm			
Cleaning Unit	Specification			
Clean Type	Wet, Dry, Blower, Optional designation time, Winding Clean			
Others	Specification			
Monitor	17" LCD			
Power Requirements	AC 220V (50/60Hz), 2.2Kw	AC 220V (50/60Hz), 2.5Kw	AC 220V (50/60Hz), 3.0Kw	AC 220V (50/60Hz), 4.0Kw
Air Supply Requirements	5.0 Kgf, 40NL/min			
Dimension (L x W x H)	1530L×1635W ×1445H	1750L×11735W ×1445H	1910L×1750W ×1445H	1950L×1954W ×1445H
Approx. Weight	1,200Kg	1,400Kg	1,600Kg	1,800Kg