



SMTfly Electronic Equipment Manufacturing Ltd

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Model		SMTfly-AT
Screen Frames	Min Size	470X370mm
	Max Size	737X737mm
	Thickness	25~40mm
PCB Min Size		50X50mm
PCB Max Size		510*510mm
PCB Thickness		0.4~6mm
PCB Warp age		< 1%
Transport Height		900±40mm
Transport Direction		Left-Right;Right-Left;Left-Left;Right-Right
Transport Speed		Max 1500mm/S Programmable
Board Location PCB	Support System	Magnetic Pin/Up-down table adjusted/support block by hand
	Clamping System	Side clamping,vacuum nozzle
Print head		Two independent motorised print heads
Squeegee Speed		6~200mm/sec
Squeegee Pressure		0~15Kg Motor Control
Squeegee Angle		60°/55°/45°
Squeegee Type		Stainless steel(Standard), plastic
Stencil Separation Speed		0.1~20mm/sec Programmable
Cleaning System		Dry、Wet、Vacuum (Programmable)
Table Adjustment ranges		X:±10mm;Y:±10mm;θ:±2°
Solder Paste Inspection		2D Inspection(standard)

Machine

Repeat Position Accuracy	±0.007mm
Printing Accuracy	±0.015mm
Cycle Time	<8s (Exclude Printing & Cleaning)
Product Changeover	<5Min

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Air Required	4.5~6Kg/cm ²
Power Input	AC:220±10%,50/60HZ 1Φ 3KW
Control Method	PC Control
Machine Dimensions	1220(L)X1530(W)X1500(H)mm
Machine Weight	Approx:1200Kg

3. SMT Manufacturing Solder Paste Printers For PCBA Assembly Features:

- a) Wide compatibility for PCB dimensions from 50mm x50mm to 510mm x 510mm for different thickness of PCB
- b) High printing resolution
 1. High positional accuracy, repeated positioning accuracy ±0.007mm; printing accuracy 0.015mm.
 2. Support glue printing
- c) Automatic control improves production efficiency, quality control and saves production cost:
 1. Automatic steel mesh positioning
 2. Automatic PCB alignment
 3. Automatic adjustment of squeegee pressure
 4. Automatic printing
 5. Automatic stencil cleaning (dry-type, wet-type and vacuum-type)
- d) Adopt company independently developed suspended print head with programmable pressure automatic adjustment system by air cylinder. Support on-line real time pressure feedback and automatic squeegee pressure balancing. Accurate pressure control ensures perfect forming effect of solder paste.
- e) Programmable motor controls the squeegee separation speed and stroke from stencil, to realize multi-method demold.
- f) Multi-functional PCB fixed positioning system, convenient and accurate PCB positioning.
- g) Upward and downward visual positioning.
- h) Built-in image processing system
- i) Support 2D,SPC functions
- j) PCB thickness adjust by electronic table.
- k) Printing translation driven by straight connecting screw rod of motor