[STP系列－錫膏印刷機 Stencil Printer]

專用於SMT錫膏鋼版、網版印刷。適用精密細小腳距。 採用無工具更換，不同規格變更快速又容易。双面板印刷可以快速更換完成，且非常精密。設定及清除快速。X、Y軸角度可以調整。
Special for SMT stencil and screen printing. Available for precise and fine pitch and double side printing.
Quick set up and remove. X and Y axial angles are adjustable. Change different boards fast without tools.
Double side printing can be completed and changed quickly and precisely.

STP-450 手動錫膏印刷機

Manual Stencil Printer

適合框架 Available frame: 20"× 20"(508 × 508mm)
印刷範圍 Printing area: 16"× 18"(406 × 457mm)
重覆誤差 Repeatability: 0.008mm
機台重量 Weight: 50Kg
刮刀長度 Length of squeegee: 10" (225mm)
機台尺寸 Dimension: 840 × 920 × 250mm

Key Features

- Very precise, self-locking X, Y, and theta adjustments
- Tooling for double-sided board, single or double side boards are available.
- Accepts frames to 20" x 20" (508 x 508mm)
- Print area 16" x 18" (406 x 457mm)
- 0.0003" repeatability
- Sturdy - weighs 110lbs
- Quick setup, quick cleanup and easy maintenance.
- Handheld squeegee with 10", 90 durometer rubber blade

STP-450

STP-550 半自動錫膏印刷機

Semiautomatic Stencil Printer

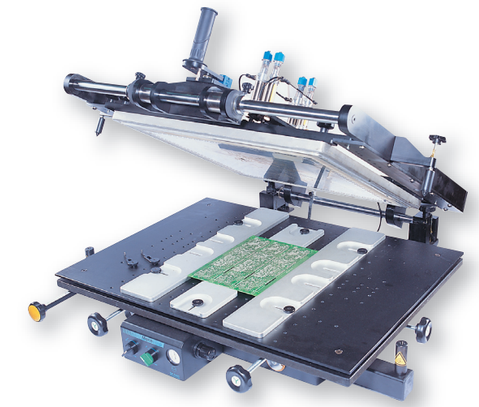
適合框架 Suitable frame: 12" x 12" to 24"× 24"(300 mm x 300 mm to 600 × 600mm)
印刷範圍 Printing area: 14"× 17"(356 × 430mm)
重覆誤差 Repeatability: 0.008mm
機台重量 Weight: 60Kg
刮刀長度 Length of squeegee: 9" (228mm)
機台尺寸 Dimension: 840 × 920 × 250mm
選購刮刀 Optional Squeegee：12"、14"、16"、17"

STP-550: 是一部有彈性的，半自動表面黏著，錫膏印刷機
它包括了自動印刷機所應含的功能，特別適合樣品試作，
及少量多樣化的生產使用。
刮刀裝置: 支架有雙氣缸控制鋼刮刀片，保持固定壓力和角度，
手握把推向左側，右刮刀即下降印刷。當反向拉回則右刮刀會
上升，左刮刀下降，作二次印刷。
可確保印刷錫面均勻，錫膏厚度穩定。
底座升降裝置: 當印刷完成時，推動黃色旋紐，底座機構既
平順垂直下降，此裝置可確保網版與PC板分離時，不會造成
錫膏之沾黏現象，可保持版面清潔。
對位裝置: 精密X、Y軸調整機構，可自由的做對位調整。
開起裝置: 結構穩定之印刷框架，由氣缸自動控制開合。

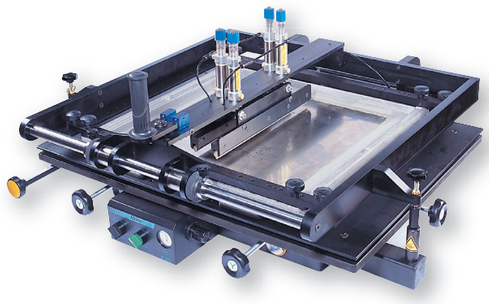
STP-550 provides consistent stencil height and pressure throughout the print stroke
Separate the stencil from the PCB with a true vertical motion.
Vertical separation is an essential process parameter for ultra-fine pitch solder paste printing.
This ergonomically unique design features side-to-side squeegee motion for single or double-sided boards.
Lower cost, bench top equipment is for the volume that doesn't warrant these more costly systems.

Key Features:

- Vertical separation of stencil from PCB for high-reliability, ultra fine-pitch printing.
- Dual squeegees with independent pressure controls for bi-directional printing.
- Squeegee holders mounted to linear slides maintain consistent height and pressure throughout print stroke.
- Ergonomic design with unique side-to-side squeegee motion for maximum operator ease.
- Large work area for PCBs up to 356 mm x 430 mm (14" x 17")
- Accepts stencil frames up to 600 mm x 600 mm (24" x 24")
- Highly precise, heavy-duty design weighs approximately 75 Kg.
- Pneumatically controlled raising and lowering for PCB loading/unloading.
- Universal PCB holders and supports for single or double-sided boards.
- Metal and rubber squeegees included.



STP-550



[SMT系列－貼片機 Pick and Place for small batch and prototype]

面臨少量多樣的產能、打樣板 和 自動機台無法貼特殊料件的困擾嗎？ SMT系列是讓您更快能手動上件製作樣板的利器！
Encountered low volume assembly, prototyping, engineering changes, boards with high through-hole parts counts, or odd-shaped parts that can't be placed with your automatic machines!! Speed up your manual assembly department and increase your product quality with SMT-401 and SMT-402 manual assembly equipment.

SMT半自動貼片機

Semiautomatic SMT Pick and Place Machine

電壓 Power: AC 220 V 50 / 60HZ
重量 Weight: 22 KGS
氣壓 Air Source: 4 ~ 5Kg / cm^2
入料器 Feeder: 16 Set
料件盒 Material Box: 90 PCS
最大可用PCB尺寸 MAX. PCB Working Size: 250 × 300mm
產能 Capacity: 20~50pcs / Minute
尺寸 Dimension: 800 × 720 × 300mm

特性:

- 特別適用樣品試作，變更頻繁少量多樣生產使用。
- 用穩定而快速吸取SMT零件貼合於PCB板上。
- X與Y滑動軸吸取SMT零件放置不會晃動。
- 360度旋轉料架，可放置90種不同零件。
- 可安裝16組SMT捲帶料架，大小料帶皆適合。
- 真空吸嘴可吸取任何大小不同SMT電子零件。
- 多台並聯，只小額投資就可達到大量生產效益。

SMT-401

Key Features:

- SMT-401 is great for sample design, especially for changeable small quantity diverse production.
- Suck quickly SMT components and place on the PCB.
- Sliding X and Y axils keep SMT components placed stable on PCB.
- Sucking head rotates 360 degrees. Fast changeover sucking nozzles.
- Part carousel load 90 kinds of loose components.
- Tape feeder bases hold for 16 sets of SMT tape reel
- Several SMT-401 connect to bigger production volume and increase efficiency on only small investment.

SMT半自動點膠 / 貼片機

Semiautomatic SMT Pick and Place with Dispenser

電壓 Power: AC 220 V 50 / 60HZ
重量 Weight: 22 KGS
空氣氣壓 Air Source: 4 ~ 5 Kg / cm^2
入料器 Feeder: 16 Set
料件盒 Material Box:90 PCS
最大可用PCB尺寸 MAX. PCB Working Size: 250 × 300mm
尺寸 Dimension: 800 × 720 × 300mm

SMT-402: 是一套手動的SMT貼片及點膠功能二合一產品
，它包含了，自動貼片機所應含的功能，特別適合樣品試
作業，及少量多樣化的生產使用。
真空取置頭: X與Y滑動軸移動非常清巧，依人體功學設計
，可調整真空吸取器，自動吸取或放置，只需要以吸嘴碰
觸元件，便可容易的將元件吸取，並可以360度旋轉來對位PCB。
點膠機: 內含有點膠功能，可以精準的調整出膠量，微調
膠液濃度、點膠時間、膠液的流量壓力，達到精確點膠。
散料元件取置槽: 360度轉盤上有配置45個取置槽，內槽
中分雙區C-MOS格，這便可存放90種不同的散料元件。
捲帶料架: 本機可同時安裝16組8mm料架。
（捲帶料架為 選購配件分三種）：8mm、12mm、16mm
PCB支撐架: 用一套L型軌道及支撐柱作為PC板的治具。

SMT-402

Key Features:

- SMT-402 sucks SMT components to dispense (spot glue) and place on PCB.
- Operation with step pad switch to spot glue SMT components rapidly, Easy-change pick & place nozzle
- 360° rotating head
- Fast changeovers
- Handles odd-shaped boards
- Parts carousel holds 45 loose parts in
- Built-in feeder base holds up to 12 8mm and/or 12mm tape feeders
- Tape strip feeder available for three 8mm, one 12mm, and 16mm tape feeders