

# miniko.

## Semi-automatic SMT Printer With Vision



### FEATURES

- Dual Camera Vision System
- Screen Sizes up to 23 "
- Fast Product Change Over
- Pneumatic Stencil Clamping
- Easy to use Touch Screen
- Compact Footprint
- Table Top or Stand Mounted
- Motorised Control of all Printing Parameters
- Vacuum Tooling Option
- Unlimited Product File Storage
- Easy Access for Stencil Cleaning

### OVERVIEW

The new affordable Miniko printer from Reprint is compact, precise and exceptionally easy to use. Ideally suited to prototype or small batch printing environments, the Miniko is a high quality, high accuracy printer that produces precise, repeatable printing every time, all of the time.

The easy to use touch screen makes product setup and machine operation exceptionally simple removing the need for specialist expertise or extensive training.

The optional dual camera vision system with digital zoom and laser guidance produces the highest printing accuracy for the through-stencil position alignment .

All print parameters are programmable and can be saved to an unlimited number of product files. The easy recall of saved files along with pneumatic stencil clamping make setup and changeover fast and efficient.

Screen sizes up to 23" can be accommodated to provide borderless printing on substrates up to 400 x 460mm and from 0.1 to 10mm in thickness.

The vacuum tooling option allows for an even greater range of materials types that can be printed including ceramics and foils.

The flexibility, available options and many standard features of the Miniko make this printer the ideal partner for all your printing needs.

**SPECIFICATION**

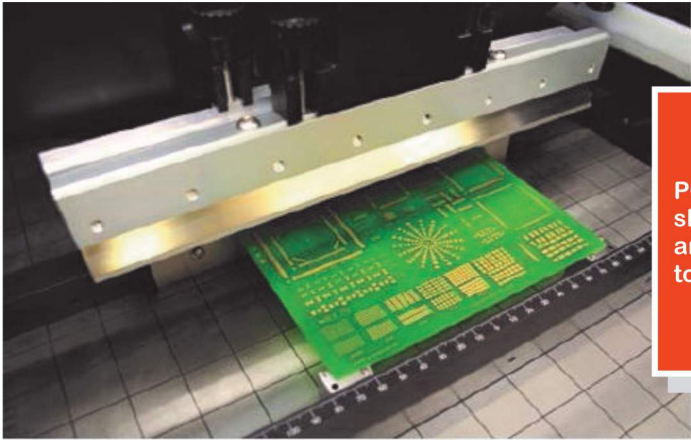
- Maximum Board Size  
400 x 480mm
- Minimum Board Size  
50 x 25mm
- Maximum Print Area  
400 x 460mm
- Board Thickness  
0.1 to 10mm
- Printing Modes  
Print/Print  
Flood/Print  
Print/Flood  
1 or 2 deposits
- Ultra-Fine Pitch  
0.3mm or less
- Print Repeatability  
± 10 microns
- Squeegee Types  
Metal or Polyurethane  
150mm 220mm 300mm  
360mm 420mm
- Print Speed  
5-100mm/S
- Print Pressure  
0.1 to 20Kg
- Snap Off Speed  
0.3 to 10mm/S
- Product File Storage  
Unlimited
- Product Changeover  
5 minutes or less

**OPTIONS**

- Twin Colour Camera Vision System with Laser Guidance
- Magnetic Tooling Posts :  
Flat (20mm Ø)  
Vacuum (20mm Ø)  
Flat (4mm Ø)  
Conical (4mm Ø)
- Multi-Purpose Screen Adaptor For Stencils Smaller than 584 x 584mm (23")

**DIMENSIONS**

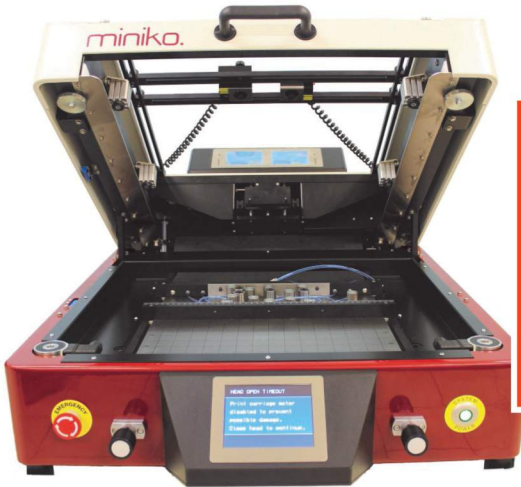
- Bench-top Unit  
833 x 847 x 476mm
- Working Height With  
Optional Stand - 906mm



PCB on printing table showing locating arrangement on tooling rails.



Easy to use touch screen interface showing the product setup menu.



Print head in open position showing easy access to printing table

For your nearest distributor or agent contact Reprint directly

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