



Miniko Benchtop Semi-Automatic Technical Specification			
Maximum Board Size	400mm x 460mm	<b>Options</b>	
Minimum Board Size	50mm x 25mm	Manual Vision System	Overhead Twin Colour Cameras with Twin LCD Displays
Max Print Area	400mm x 460mm		Laser Guidance
Maximum Board Thickness	10mm		
Printing Modes	Print/Print, Print/Flood, Flood/Print. 1 or 2 deposits. Others available on request.	Tooling Supports	10 x 20mm dia Magnetic.
Stencil Frame Size	584mm x 584mm (23") External 508mm x 508mm (20") Internal	Vacuum Tooling	4 x 20mm dia Vacuum.
Stencil Location	Manual, Pneumatically clamped.	Multi-Purpose Screen Frame Adaptor	For use with stencils smaller than the std 584 x 584mm (23")
X/Y Stencil alignment range	+/- 5mm	Double Sided Tooling Options	4mm Flat, 4mm Conical, 4mm Eccentric
Double Radial Stencil alignment range	+/- 4°		
Registration Repeatability	+/- 10 Microns		
Maximum Underside Clearance	25mm		
Minimum board edge clearance	Zero		
PCB Registration	Location pin, 3mm as Standard.	<b>Machine Dimensions</b>	
Ultra-Fine Pitch	0.3mm or Less	Bench-top Unit	833mm x 847mm x 475.5mm
Squeegee Types	Metal or Polyurethane std 60°. 1 pair supplied as std.	Optional Stand	766mm x 770mm x 1120mm
Squeegee Lengths	150mm, 220mm, 300mm, 360mm, 420mm.	Combined Bench-top Unit and Stand	833mm x 847mm x 1595.5mm (Working height 906mm).
Print Speed	5-100mm/sec (1mm/sec increments)		
Print Gap	Up to 25mm depending on tooling		
Snap off speed	0.3 – 3mm/sec (0.1mm/sec increments)		
Product File Storage	Unlimited		
Product Changeover.	5 minutes or less		
Power Supply	90-240V, 50/60Hz, 400W		
Internal Power supply	12 & 24V DC		
Air Supply	5 bar clean air		
User Interface / Interface Control	Bespoke Reprint Interface / Touch screen		

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