

FINO

Version 1.04, July 11th 2012

Configuration

		FINO
Machine type	Semiautomatic	●
PCB Handling	Cam Shell	●
	Manual PCB alignment	●
Control and software	3.5" Touch Screen (GUIK)	●
	Software Language De/En	●
Tooling	10 Support Pins	●
	Vacuum Tooling	○
Alignment systems	2 x CCD colour cameras	○
	Mylar Alignment	○
Setup Tool	Laser	○
Vacuum Tooling	6 Pins	○
Stand		○

● Standard feature ○ Optional feature

Specifications

Printing	Squeegee type	Metal or Polyurethane
	Squeegee length	150 - 480mm
	Print pressure (adjustable)	0 - 20Kg (0.1Kg increments)
	Printing speed (programmable)	5 - 100mm/s (1.0mm/s increments)
	Snap off speed (programmable)	1 - 20mm/s (0.1mm/s increments)
	Snap off distance(programmable)	0 - 3.0mm (0.1mm increments)
	Print Gap	0 - 3.0mm (0.1mm increments)
	Print modes	Print/Print, Print/Flood, Flood/Print, 1 or 2 deposits
	No. of printing programs	Unlimited
	Multi stroke	Yes
	Print with vacuum	Yes
	Vacuum fixation	Available
	Squeegee stay down after printing	Yes
	Product setup time	10 min
PCB handling	Max PCB size	450 x 500mm*
	Print table size (w x l)	410 x 500mm
	Min. printing area (w x l)	20 x 20mm
	Max. printing area (w x l)	450 x 500mm
	Max. component height	25.0mm
	Min. PCB thickness	0.1
Alignment Range	Max. PCB thickness	10.0mm
	XY alignment range	+/- 7.5mm
Camera System	Theta range	+/- 3°
	Magnification	2:1
	Output	Analogue
	Laser pointer	Yes
Stencil frame	Operation system	GUIK
	Max stencil size	23" x23" x 1.625" (584 x 584 x 42)
General	Frame fixation	Pneumatic clamps
	Power Supply	Selectable 110VAC or 230VAC / 5A
	Power Consumption	150W



Air Supply	5 Bar
Net Weight	150 kg
Machine Dimensions	766mm x 770mm x 472mm

*PCB's larger than 410mm in x need special tooling pins otherwise on both sides 20mm are unsupported.

