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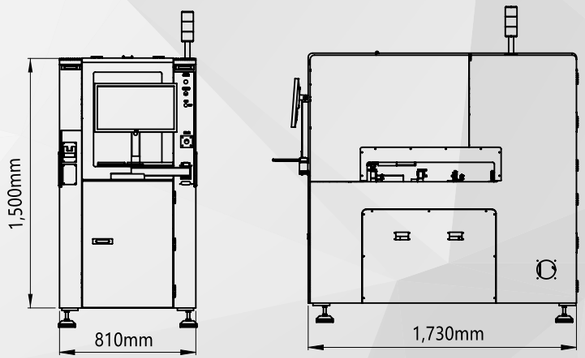
Model	C-900A & C-900B	C-1000
Alignment Accuracy and Repeatability	±12.5μm @ 6σ	±12.5μm @ 6σ
Cycle Time (sec)	8 sec	11 sec
PCB Thickness Adjustment	Automatic Adjustment	Auto Adjustment
Closed Loop Motion Control Axis	Z Height, Squeegee Pressure	N/A
Maximum Board Size (mm)	250(L) x 260(W)	400(L) x 330(W)
Minimum Board Size (mm)	50(L) x 50(W)	
Board Thickness (mm)	0.2~7 mm	
Maximum Board Weight (kg)	3 Kg	10 Kg
Stencil Size (mm)	Customizable please consult our sales engineer	737mm x 737mm
Board Clamping Method(s)	Lateral Clamping and Vacuum, (optional Top-down Clamping)	Standard : Lateral clamping, Top-down clamping
Vision Camera Field of View (mm)	8mm x 6mm	
Size of Fiducial (mm)	0.1mm~3mm	
Understencil Cleaning	Dry, Wet and Vacuum	
Dual-Lane Option	Yes	N/A
Dual-Lane Mode (2 machines)	Inline Mode : C-900A front lane printing, rear lane pass through; C-900B front lane pass through, rear lane printing	Back-to-back
Electrical Requirements	220 – 240 VAC, Single phase 50Hz, 10A	220 – 240 VAC, Single phase 50Hz, 10A
Compressed Air Requirements	100PSI, 4cfm~18cfm (Vacuum stencil cleaning requires 18 cfm)	
Weight (kg)	Approx. 850 kg	Approx. 750 Kg
Dimensions (W x D x H)	810mm x 1,730mm x 1,500mm	1,330mm x 1,695mmx 1,500mm

Dimensions



C–900A & C–900B

Compact Inline Dual-Lane Screen Printer

Continent

- Alignment Repeatability at ± 12.5μm
- Slim Design, only 810mm width
- Printing Surface 250mm x 260mm

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• All specifications are subject to change as a result of technical developments or advances. For questions on our products, please contact Youngpool Technonlogy (information@youngpool.com) or our local representative(s)

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Highlights

- Two machines in inline configuration allow printing of the same product simultaneously to achieve short cycle time
- Innovative inline dual-lane configuration offers superb flexibility to meet different production requirements
- Inline dual-lane configuration realizes “ZERO” downtime in
- Excellent Cost Performance Ratio
- Smaller stencil allows better tension, in turn enhances printing quality
- Side covers allow easy maintenance access
- Intuitive graphical interface satisfies requirements of modern manufacturing

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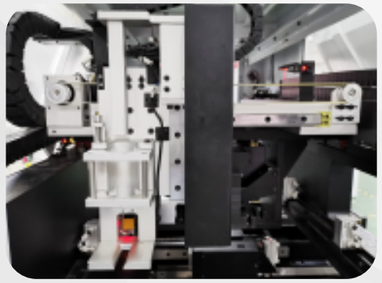
Compact Inline Dual-lane Screen Printer

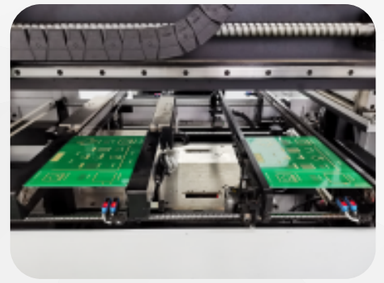
C-900A & C-900B Inline

- To meet high-speed production requirements, two machines in inline configuration allow printing of the same product simultaneously to achieve higher productivity



Automatic Paste Replenishment System

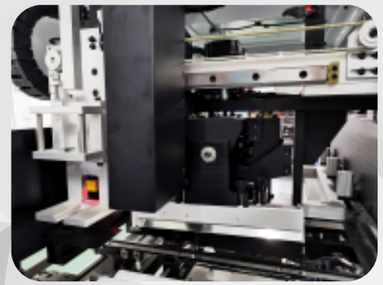
- Enhance productivity and quality via automatic paste replenishment system
- Minimal operator assist to ensure continuous operation
- Reduce solder paste wastage



Dual-lane Configuration

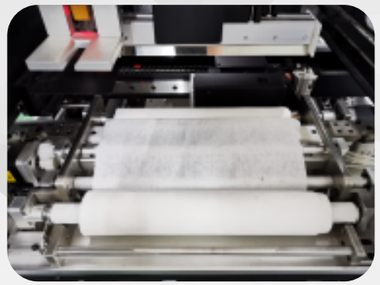
- Compact design of a two-machine inline dual-lane solution enables accommodation to various SMT line configurations

Illustrations of Key Features and Functions



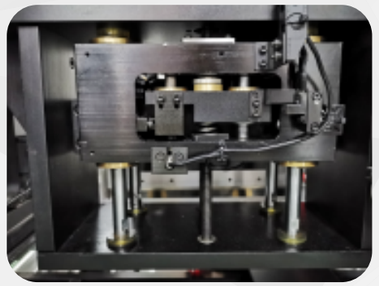
Front and Rear Squeegee Blades

- Maintain volumetric consistency of solder paste and reduce cycle time



High Speed Stencil Cleaning

- Cleaning fabric can be replaced offline via detachable mounting assembly



Squeegee Pressure Feeback

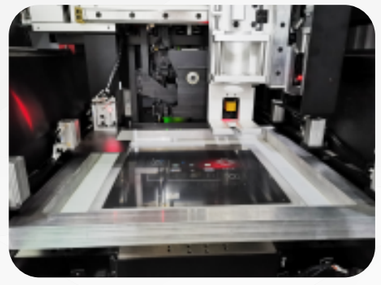
- Closed loop control and real-time monitoring of squeegee pressure

Innovative Side-cover Design

- Custom-made design to allow easy maintenance access

Electrical Design

- Design for easy inspection, troubleshooting and repair



Automatic Stencil Alignment

- Alignment via pneumatic actuators enables easy and precise mounting of stencil during changeovers