



PRODUCT OVERVIEW

This is a Semi-Automatic Screen Printer designed for precise printing of solder paste and adhesive glue in SMT PCB assembly applications. The system is equipped with a dual linear motion guide on the X-axis, enabling smooth and accurate printing operations with high repeatability and minimal deviation.

The machine is suitable for medium-scale PCB assembly production, prototype development, electronics laboratories, training centers, and SMT manufacturing environments.

KEY FEATURES

- Semi-automatic solder paste / glue printing system
- Suitable for SMT PCB assembly applications
- Dual linear motion guide on X-axis for smooth printing movement
- Stable and accurate printing performance
- Adjustable stencil frame arrangement
- Compact and robust construction
- Easy PCB positioning mechanism
- Uniform squeegee pressure and movement
- User-friendly operation and maintenance
- Suitable for repetitive precision printing applications

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



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TECHNICAL SPECIFICATIONS

Parameter	Specification
PCB Size	400 mm × 250 mm
Printing Table Size	500 mm × 300 mm
Stencil Size	Adjustable up to 22" × 22"
PCB Positioning	Pin / PCB Slide
Squeegee Speed	0 – 100 mm/sec
Power Supply	220 V AC, 50 Hz, 100 W
Pneumatic Requirement	3 CFM @ 5–7 kg/cm ²
Machine Weight	260 kg
Overall Dimensions (L × W × H)	850 × 750 × 1650 mm

APPLICATIONS

- SMT PCB Assembly Lines
- Solder Paste Printing
- Adhesive / Glue Printing
- Electronics Manufacturing Units
- PCB Prototype Development
- Technical Training Laboratories
- Research & Development Centers
- Industrial Electronics Production

STANDARD CONFIGURATION

- Semi-Automatic Printing Platform
- Adjustable Stencil Mounting Arrangement
- Squeegee Assembly
- PCB Holding & Positioning System
- Pneumatic Control System
- Control Panel
- Linear Motion Guide Mechanism
- Power Cable & Basic Accessories

ADVANTAGES

- High printing accuracy
- Stable and repeatable operation

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- Compact footprint for easy installation
- Smooth linear motion mechanism
- Low maintenance requirements
- Easy setup and operation
- Suitable for various PCB sizes within specification limits

OPERATING REQUIREMENTS

Electrical Requirement

- Input Supply: 220 V AC, 50 Hz

Pneumatic Requirement

- Clean and dry compressed air supply
- Air Pressure: 5–7 kg/cm²
- Air Consumption: 3 CFM

INDUSTRIAL USAGE

- SMT Production Facilities
- Electronics Assembly Industries
- Educational & Technical Institutes
- Industrial Training Centers
- PCB Manufacturing & Assembly Units

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