

SCREEN PRINTING MACHINE P-160S



Entry level screen printing machine P-160S is designed for diverse precise screen printing applications in electronic component production such as: LTCC, Inductor, Printing circuits, ect.

Standard machine is equipped with:

- Pneumatically driven vacuum table with shock absorbers
- Screen X,Y, theta adjustment by micrometer screws
- Manually adjustable snap off distance
- Movable registration pins for positioning of ceramic sheets.
- One squeegee and one scraper for print –flood or flood print printing modes.
- AC motor driven squeegee assembly.
- Fully covered printing head.
- PLC control.

Options:

- Custom designed printing table for fixing different printing circuits or carrier blocks.
- Intermediate frame with pneumatic screen fixing.
- Two movable video cameras and two monitors for easy positioning of printing table.
- Automatic ink supply.
- Different squeegee types, diamond type, double squeegee.



- Vacuum exchanger for vacuum generation
- Tunnel dryer

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Technical specification:

Printing area: 160 x 160mm, optionally up to 200 x 200mm
Squeegee speed: 0-250mm/s
Squeegee force: 0-80N
Accuracy: +- 10 micro millimeters
Repeatability: better than +- 5 micro millimeters
Maximal outside screen size: 450 x 450 x 25mm

Machine size:

Length: 1400mm
Width: 700mm
Height: 1150mm
Weight: app. 300kg

Power connections:

Electricity: 220V/50/ 60Hz, 16A
Compressed air: 0,6Mpa, 100l/min
Vacuum:-70Kpa (pump excluded)

Contact producer for particular application.