

Forslund Semi-Automatic Circuit Printers

The model 1224 and 2430 screen printers are semi-automatic machines for the printed circuit industry and for other uses requiring a precise screen printer.

All major components are of cast aluminum to allow low weight and high rigidity. The printing head is mounted on a pivot which makes head motion smooth and repeatable.

An electric motor drives all motions including the inherently linear squeegee motion. Speed changes require only a turn of a knob. The printing head is gravity lowered to protect the operator from high closure pressures.

These machines use a compliant squeegee to minimize the adjustment. This special squeegee also makes it possible to print on distorted or warped substrates.

Quick set-up

Set-up is easy. Fine adjusting screws, with optional dial indicators, move the base a full 2" in each axis. Separate Y-axis adjusting screws allow the base to be slewed as much as 20 degrees.

Accurate printing pressure control

The vertical position of the cantilever-type screening head is adjustable through a 2" range. Printing pressure is repeatable and easily adjusted. Both flood bar and print squeegee are adjustable at either end for height and pressure and are readily removable.

Flood-and-print or print-and-flood

Instantaneous change from flood-and-print to print-and-flood sequence; just flip the switch.

Quick change of frames

All standard screen chases are accepted by the machine, and held in place by four screen mounting lugs, which permit removal and replacement without loss of registration.

4-second printing cycle

The printing cycle, of only four seconds, is started by a foot switch. Automatic cycling, with variable time delay, is available. A switch permits stopping in any desired position.

Maintenance

Moving components are kept to a minimum for accuracy with very little maintenance. Sealed and pre-lubricated bearings minimize lubrication needs. Normal preventive maintenance will make operation of the screen printer reliable.

Two standard sizes

The Model 1224 prints a maximum area of 11" x 19".

The Model 2430 prints a maximum area of 19" x 24".

	1224	2430
Maximum Print Area	10" x 18"	18" x 24"
Substrate Carrier	18" x 26"	24" x 28"
Overall Size	29" x 39" x 18" h	29" x 39" x 18" h
Motor	1/8 H.P.	1/4 H.P.
Power Required	120 Volts	120 Volts
Shipping Weight	280 lbs.	325 lbs.

Non-vacuum base
Dust Cover
Export Power Conversion
Adjustable Pin Registration Base
Variable cycle timer
Dial indicators on X, Y & Z adjustments



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