REPRINT

Overview

The Reprint R23 Semi Automatic Screen Printer is the latest addition to the expanding range of printers available from Reprint.

Designed to take stencil sizes up to a maximum of 23", the printer includes all the features expected of a mid-range stand-alone printer and comes packaged in a small, compact footprint.

The R23 series delivers unrivalled performance and reliability at a very affordable price.

An easy-to-use Windows based interface combined with servo driven motors housed within a robust mechanical structure, provides precise control of all printer functions.

High accuracy, fine pitch printing is achievable with the easy-to-use vision system (Fitted as Standard), Large pad areas, BGA's and the smallest 01005 pad sizes are easily handled. .

With Low running costs and outstanding reliability, the Reprint R23 is your 1st choice for a wide range of print applications and production environments

Main Features

- 23" standard frame (multi-purpose screen frame adaptor is available for smaller sizes).

- Robust yet precise mechanical construction with out-standing print-head stability.

- Closed loop servo motion control.

- Dual squeegee print carriage.

- Vertical motion profile for Stencil / PCB separation.

- Interlocks incorporated for safe operation.

- Easy-to-use twin camera vision system for ultra-fine pitch printing. (**Inc Digital Zoom facility**). (Optional camera light boxes available)

- Mylar Alignment Aid.

- 17" LCD TFT Flat screen Monitor

Easy To Operate

All functions of the printer can be controlled via the custom written Windows based interface. Operators need no special expertise and minimal training. Using the unique button driven cursor, this user-friendly program allows easy access to the extensive feature set.

- Fully programmable print parameters

- Unlimited board file data storage.

- Backup of board file data to disc or network.

- Product set-up wizard for fast, reliable product configuration.

- User password protection.

- Extensive built-in diagnostics.

- Simple 'point and click' operation for vision set-up

- 4 Way Rotary Switch for quick Software navigation.
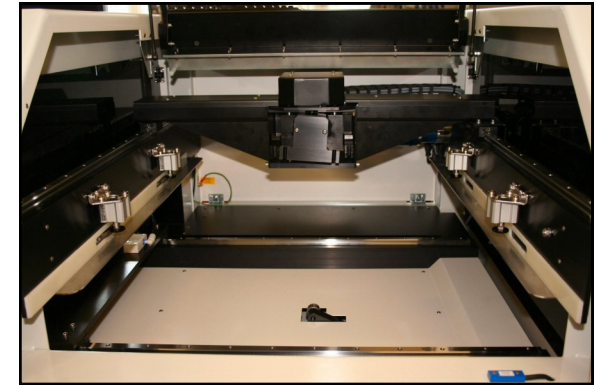
- Alternative language options.

- Windows XP

Simple low cost maintenance

Using only quality components throughout. The Reprint R23 is de-signed for accuracy, repeatability and reliability with the minimum of maintenance.

Access to the computer is from the front of the machine and easy removal of the rear panels provides full access to the electrics and pneumatics.

The open, uncluttered design of the machine makes this a very easy machine to work with.

A special diagnostics menu is provided within the interface software to assist maintenance and thereby further reducing downtime and expense.

Absolute Precision

Exceptional printing accuracy, quality and repeatability are achieved using a dedicated state-of-the-art motor control system combined with a robust yet precise mechanical structure.

All moving platforms travel on hardwearing, high precision linear bearings. Pinpoint alignment is achieved in a preci-sion carrier providing exceptionally accurate screen regis-tration.

Servo motor control of the worktable and print carriage, coupled with the stepper motor dual squeegee mechanism and the excellent Manual Vision System (Supplied as Std) ensures unbeatable printing every time.

Configurable

Various Squeegee sizes available. Std sizes as follows 150mm, 220mm, 300mm, 360mm, 420mm.

Optional Camera Light boxes and Vacuum table options are available for special applications.

REPRINT