

SR 3100 AUTOMATIC SCREEN PRINTER

A new *user friendly LINUX based control software* combined with an *High resolution vision system* enables the operator to reduce set-up time and gives high precision and repeatability in the printing process. It is extremely easy to use: *all the alignment steps between board and frame are totally automatic* and operator can check the operation through an *on-board LCD screen*.

The innovative *double loading system* makes the production faster, thanks to the versatility of loading the machine on both sides: the operator is able to load a new board while the machine is working to maximize throughput.

Motorised snap-off and a *very large printing area* give to this machine features of great flexibility and productivity.

A *solid and compact structure* reduce the space necessary to place machine giving great stability.



- **Maximum PCB thickness:** 10 mm
- **Printing Area:** 440x440 mm
- **Maximum frame size:** 670x700 mm
 - **Resolution:** 20 micron
 - **Maximum X/Y correction:** ± 5 mm
 - **Maximum angular correction:** $\pm 6^\circ$
- **Printing cycle:** Flood-print or print-print cycle
- **Squeegees:** Two independent, self levelling, pressure controlled squeegees
 - **Printing pressure:** Adjustable
- **Board snap-off:** Programmable speed and excursion
 - **Fiducial:** Board and stencil fiducial search
- **Board support:** support pins and vacuum (option)
 - **Changeover time:** lower than 5 min
 - **Cycle time:** 18 – 25 sec
- **Maximum power consumption:** less than 1 kW
 - **Power supply:** 110 Volt - 230 Volt.
 - **Compressed air supply:** 6 bar
 - **Max air consumption:** 60 l/min