

# MODEL: BS110 MANUAL SCREEN & STENCIL PRINTER



## SUMMARY

- Fast print alignment and repeatability
- Applicable for most standard SMT screens
- Large print-area capability
- Easy set-up and clean-up

Precise, reliable and easy-to-use Autotronik BS110 stencil printer is ideally suitable for the needs of prototype and low-to-medium volume production.

MODEL: BS110  
MANUAL SCREEN & STENCIL PRINTER



**AUTOTRONIK**

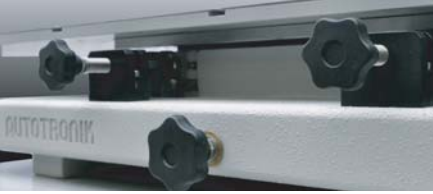
Fertigungssysteme für die Elektronikindustrie

AUTOTRONIK-SMT GmbH  
Sulzbacher Str. 111  
92224 Amberg, Germany  
tel +49 (0) 9621-600 691  
fax +49 (0) 9621-600 692  
mail [office@autotronik-smt.com](mailto:office@autotronik-smt.com)  
[www.autotronik.de](http://www.autotronik.de)

## DETAILS

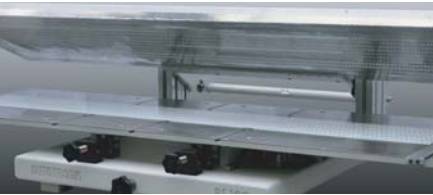
### High repeatability

In order to provide fast print alignment and high repeatability, the X, Y and Theta adjustment are self-locking. The highly functional design provides fine pitch capability for boards with registration repeatability +/- 0.02 mm.



### Large print area capability

The large print area capability allows printing up to 610 mm x 610 mm. It accepts standard SMT frame sizes from 300 x 300 mm to 736 x 736 mm. Both obverse and reverse sides of screen are also applicable.



### Ready for double-sided PCB

The PCB board is supported by a universal frame holder, no extra tool is needed for double-sided printing. The ease universal frame holder also allows the fast stencil and screen mounting and removal.



### Easy set up

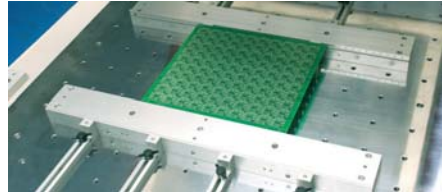
#### Step 1:

Install the stencil frame

\* Support frame types: Screw lock frame or Clamp frame



#### Step 2: Set up the PCB board



#### Step 3: Apply the paste and scrape the squeegee



## SPECIFICATION

- Stencil frame size:  
300 x 300 mm - 740 x 740 mm
- Work table size:  
610 mm x 610 mm  
1250 mm x 410 mm (by option FIX-ST-L120)
- X- and Y-Axes range: +/- 13 mm
- Theta rotation: +/- 3.5°
- Underside Clearance: 25 mm
- Z-axis range: 0 - 35 mm
- Registration Repeatability: +/- 0.02 mm
- Overall dimensions:  
900 mm x 300 mm x 1050 mm (L x W x H)
- Machine weight: 90 kg

We reserve the right to make changes without notice.



**AUTOTRONIK**

Fertigungssysteme für die Elektronikindustrie