



PIE DIFFUSION

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MACHINE DE SERIGRAPHIE / STENCIL PRINTER S90



- **stencil printer with vision**

- **Technical data**

- **Frame size**
- max. 736 x 584 mm
- Rapid tensioning frame – 4 fold
- another types of frames may be accepted
- **PCB size**
- max. 520 x 350mm
- **Printing area**
- max. 500 x 350 mm
- **Visionsystem**
- Integrated 2 CCD cameras
- LCD monitor
- **Squeegee drive**
- electronic drive control
- print speed 5-150mm/s
- freely programmable squeegee travel
- **Squeegee changeover**
- Automatic reversible dual squeegee
- Universal holders for metal or rubber blade
- adjustable squeegee inclination 0 - 60 °
- adjustable squeegee contact pressure 0 - 200 N

- **Printing**

- Single or double-sided boards

- **Table lowering**

- automatic table lowering / Z=10 mm
- lowering speed adjustable 0,2 - 4 mm/s
- adjustable table contact pressure 0 - 450 N

- **Table - X, Y / Theta adjustment**

- +/- 12 mm / +/- 2,7°

- **Off-Contact (Z-Axis) Range**

- 0 -24 mm

- **Table - adjustment accuracy**

- +/- 0,01 mm

- **Supply**

- Compressed air 8 bar

- **Dimensions and wight**

- 990 x 750 x 450 mm / ca. 110 kg

- **Application area**

- low or middle volume production
- screen- or stencilprinting of glue, solder paste or another substances
- qualified for fine pitch components
- minimum pitch of pads 0,3mm