

Screen Printer



P250-series

- Innovative screen printer for ultra fine line/gap printing
- Touch screen HMI controlled printing
- High accuracy alignment by a best in class vision system
- Feedback loop squeegee pressure control
- Optional KekoView connection for network based data collection

Advanced high precision screen printers

Technical specifications:

- Dual servo motor driven squeegee and paste spreader
- All printing parameters can be controlled and stored on a touch screen HMI
- The squeegee's weight is fully compensated for low pressure printing
- Force sensors with feed back loop to the motors provide accurate control of actual squeegee pressure
- Various screen sizes can be fixed by adjustable pneumatic cylinders
- Optional motorized vision camera positions that can be set automatically for each product.

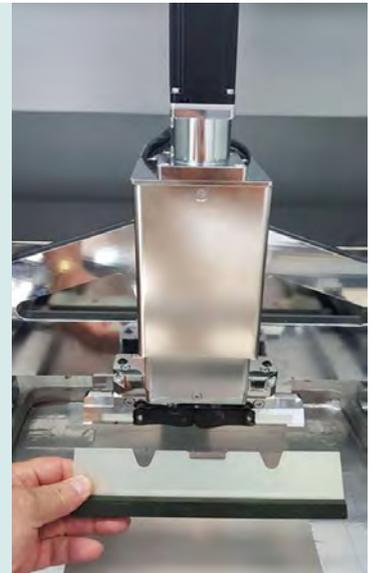
Automation options:

- sheet loading/unloading to and from cassette with drying in an efficient tunnel drier
- tray sheet support system for easy and secure handling of sheets

Vacuum table area:

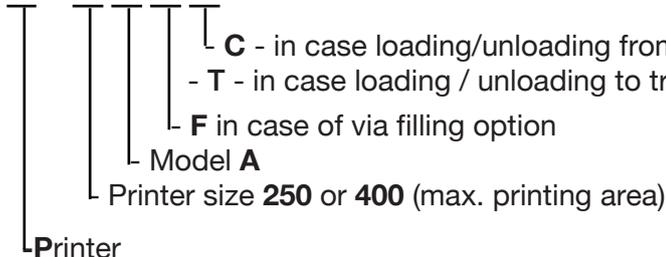
- Porous ground metal or ceramic vacuum plates with finely divided non marking pores
- Bottom illumination in porous ceramic table possible
- Optional via fill system integration with automatic paper/Sontara dispenser
- Pre-fixed and perfectly straight squeegees, single action fixation in machine without need for adjustment

- Max. Printing area:	250 x 250 mm or 400 by 400 mm
- Squeegee speed:	0-300 mm/s
- Squeegee force:	0-250 N
- Positioning accuracy:	+/- 5 microns
- Screen frame size:	flexible
- Max. Screen size:	550 x 550 x 30 mm or 900 x 900 x 30 mm
- Average cycle time:	12 s print/flood mode
- Electricity:	110 or 240 Vac; 50/60 Hz
- Power:	app. 1.5 kW
- Compressed air:	0,6 MPa, 100 NL/min.
- Vacuum:	-0.09 MPa (0.02 MPa absolute), 200 L/min.



How to order:*

P-xxxx



*Options and other requirements have to be specified separately

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