

X5

Automatic Screen and Stencil Printer



Description

The X5 has a printing area of 460 mm x 460 mm and can handle frames sizes, without an adapter of 300 mm x 300 mm up to 736 mm x 736 mm. The ability to handle PCBs of this size corresponds to the processing capability of most Pick and Place-Systems allowing you to have a flexible production with very few limitations! The X5 is ideally suited as an inline printer for high volume applications directly in the production line or as a stand-alone solution with a combined loader/unloader for feeding several production lines. The basis version of the machine is already equipped for production with screens or stencils. To reduce conversion times, all the required parameters are stored in the print program. Using the self-explanatory EKRA interface, the machine is very easy to operate.

Special Features

- _ Automatic Inline System
- _ Optical Positioning System
- _ PC controlled machine
- _ User friendly software
- _ Repeatability +/- 12,5 µm @ 6 Sigma
- _ Stencil cleaning
- _ SPC Statistical Process Control
- _ Datamatrix code recognition (Traceability)

X5 Automatic Screen und Stencil Printer

Machine dimensions

Length x width x height *	1105 x 1500 x 1400 mm
Weight	ca. 910 kg
Floor load	548 kg / m ²
Colour	RAL 9003

Installation requirements

Power supply	230 V, 208V; 50 / 60 Hz, 1+N+PE
Power consumption	1,2 kW
Fuse protection	16 A
Operating voltage	24 V
Air supply	5 - 6 bar
Air consumption	10 - 15 l / min

Print Parameters

Print speed	5 - 200 mm/s
Print pressure	50 - 260 N
Print mode	Print - Print Print - Flood Flood - Print Alternating print

Material to be printed

Frame size min.	300 x 300 mm
Frame size max.	736 x 736 mm
Print format min.	50 x 80 mm
Print format max.	460 x 460 mm
Print material thickness	0,5 - 6 mm
Positioning	Optical fiducial recognition

Machine Capability

Repeat accuracy-mechanical	+/- 12,5 µm @ 6 Sigma
Cycle time	13 s + print time

* other dimensions on request

Options

Automatic paste dispenser
Squeegee head self-calibration device
Air conditioning

Specifications are subject to change without prior notice. Please check with your local sales contact for the latest.