

# EPI220

## Long Board Printer



## Technical Data

### Specifications

General	
<b>Machine alignment repeatability</b>	+/-12.5µm @ 6 sigma
<b>Machine process accuracy</b>	+/-25µm @ 6 sigma
<b>Core cycle time</b>	14 seconds
<b>Stencil size min / max</b>	736mm x 736mm / 1500mm x 736mm
<b>PCB size min / max</b>	80mm x 80mm / 1220mm x 508mm
<b>PCB thickness</b>	0.4mm to 6mm
<b>PCB weight (max)</b>	10kg
<b>PCB underside clearance</b>	14mm (standard), 25mm (optional)
<b>PCB clamping</b>	Top clamps, side clamps
<b>PCB support</b>	Magnetic pins, support block, vacuum block, vacuum pins
<b>Stencil positioning</b>	Automatic
<b>Transport direction</b>	L to R (standard), R to L (optional)
<b>Conveyor width adjustment</b>	Fully automatic
<b>Under stencil cleaner</b>	Wet, dry, vacuum, air
<b>Squeegee pressure</b>	4-20 kg
<b>2D Inspection</b>	Paste presence/absence, bridge detection
<b>Laser guided tooling pin placement</b>	Included
<b>3D stencil solder paste management</b>	Included
<b>Closed loop squeegee pressure control</b>	Included
<b>Traceability</b>	Included
<b>SPI closed loop</b>	Included

Others	
<b>Product changeover</b>	2 minutes
<b>Software</b>	Windows operating system
<b>Air supply</b>	6 bar (85 psi)
<b>Power supply</b>	220V single phase, max. 1Kw 50/60Hz
<b>Dimensions</b>	2250mm x 1423mm x 1460mm
<b>Crated weight</b>	1,500 kg
<b>Uncrated weight</b>	1,200 kg

Options	
Automatic paste dispenser	
Fully automatic tooling pin placement	
Stencil vacuum	
Conveyor PCB upgrade (25mm under PCB clearance & 2 PCB stops)	
Adjustable vacuum box	

