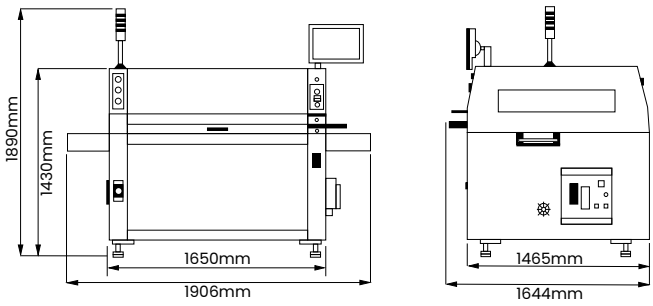
EP850

Long Board Printer

Technical Data

Specifications

General	
Accuracy	+/- 12.5µm @ 6 sigma
Cycle time	11 seconds
Stencil size (max)	1200mm x 736mm
PCB size (max)	850mm x 550mm
PCB thickness	0.4mm to 6mm
PCB weight (max)	10kg
PCB underside clearance	14mm (custom specification available upon request)
Underside edge clearance	4.5mm
PCB clamping	Top clamping standard. (optional side clamping w/ vacuum)
PCB support	magnetic tooling pins, vacuum block
Transport direction	L to R (standard), R to L (optional)
Conveyor width adjustment	Fully automatic rail
Under stencil cleaner	Wet/dry/vacuum (X axis cleaning direction)
Camera FOV	8.5mm x 8mm
Squeegee pressure	Closed loop control
2D inspection	Bridge detection, paste presence
Laser guided tooling pin placement	Camera based tooling post position verification
Solder paste management	3D laser measurement

Others	
Product changeover	2 minutes
Software	Windows operating system
Air supply	6 bar (85 psi)
Power supply	220V single phase
Dimensions	1906mm x 1513mm x 1430mm
Crated weight	1,400kg
Uncrated weight	1,100kg

Options
Automatic paste dispenser from standard paste tube
Adjustable vacuum box: various sizes supported
Fully automatic tooling pin placement