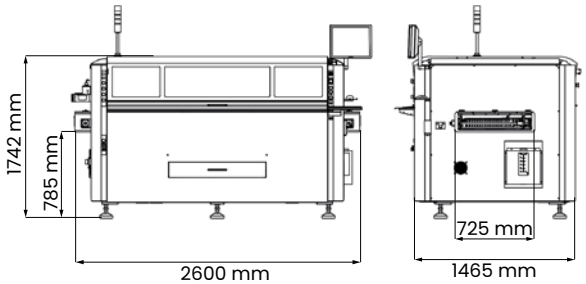
EP1550

Long Board Printer

Technical Data

Specifications

General	
Machine alignment repeatability	+/-12.5µm @ 6 sigma
Machine process accuracy	+/-25µm @ 6 sigma
Core cycle time	16 seconds
Stencil size min / max	736mm x 736mm / 1850mm x 750mm
PCB size min / max	80mm x 80mm / 1550mm x 600mm
PCB thickness	0.4mm to 11mm
PCB weight (max)	10kg
PCB underside clearance	14mm (standard), 25mm (optional)
Underside edge clearance	4.5mm
PCB clamping	Top clamps, side clamps
PCB support	Magnetic pins, support block, vacuum block, vacuum pins
Stencil positioning	Automatic
Transport direction	L to R (standard), R to L (optional)
Conveyor width adjustment	Fully automatic
Under stencil cleaner	Wet, dry, vacuum, air
Squeegee pressure	4-20 kg
2D inspection	Paste presence/absence, bridge detection
Laser guided tooling pin placement	Included
3D stencil solder paste management	Included
Closed loop squeegee pressure control	Included
Traceability	Included
SPI closed loop	Included

Others	
Product changeover	2 minutes
Software	Windows operating system
Air supply	6 bar (85 psi)
Power supply	220V single phase, max. 1Kw 50/60Hz
Dimensions	2600mm x 1465mm x 1472mm
Crated weight	1,800 kg
Uncrated weight	1,500 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