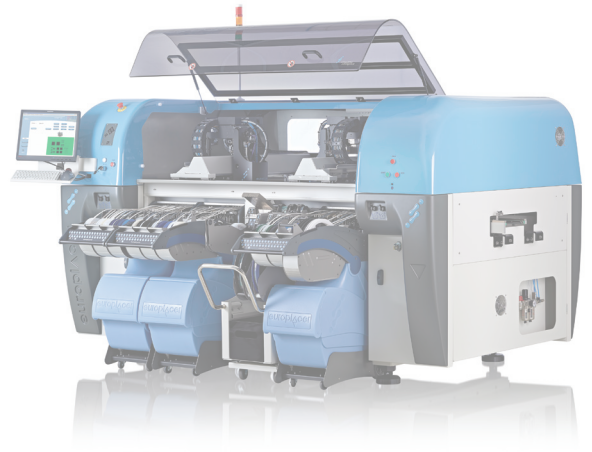




INTEGRATED
TECHNOLOGIES
LIMITED



ITL SMT Capabilities

PCB

- Minimum size 60mm x 60mm
- Maximum size 400mm x 390mm
- Maximum thickness 10mm
- Multilayer PCBs, previously processed PCBs with 10 layers
- Automatic fiducial alignment

Components

- Minimum size 0.4mm x 0.2mm (01005)
- Maximum size 50mm x 50mm
- Maximum height subject to conditions but generally <20mm
- Minimum lead pitch 0.3mm
- Minimum BGA pitch 0.4mm
- Placement accuracy $\pm 35\mu\text{m}$
- IPC Placement rate 20,600 components per hour (CPH), Max 24,900 CPH
- Maximum feeder capacity of 262 components plus internal tray

Traceability

- Full traceability down to components and references
- Automatic barcode, serial number, reading (2D Datamatrix)
- Barcoded component reels

Inspection

- All PCBs pass through automatic optical inspection (AOI)
- 100% visual inspection
- Checks for; presence, polarity, shift, silkscreen, solder, dryjoint & shorts.



BS EN ISO 9001 Cert No: FM 20699
BS EN ISO 13485 Cert No: MD91401
FDA QAS CFR 21 Part 820 Reg No: 8021786