compunetix
technology of cooperation

Surface Mount Assembly Equipment

Compunetix utilizes several automated SMT assembly lines and has the throughput and flexibility to quickly set up lines for quick-turn or production, both leaded and lead-free, as necessary.

Quad QSV-Plus

- Programmable IQ Feeder system
- QuadAlign “on the fly” component alignment
- Pick-Pick, Place-Place head
- Process monitoring with adaptive control
- QSOFT programming software
- Fine pitch/BGA capability
- Vision-aided inspection and correction
- CAD interfaced auto-programming

Quad IVc 136 (Quantity 2)

- High speed inline configuration
- Automatic pick and place
- Laser Align system
- Fine pitch/BGA capability
- Vision-aided inspection and correction
- Adhesive dispensing
- CAD interfaced auto-programming

Quad IVc 90 (Quantity 2)

- Automatic pick and place
- Laser Align system
- Fine pitch/BGA capability
- Vision-aided inspection and correction
- Adhesive dispensing
- CAD interfaced auto-programming

Quadstar 150

- Automatic pick and place
- Vision-aided programming and inspection
- Adhesive dispensing
- CAD interfaced auto-programming

Quad VMP-20 Screen Printer (Quantity 4)

- 20" x 20" screen capability
- Vision-aided print alignment

MPM SP2020 Screen Printer

- 20" x 20" screen printer

Heller 1800

- Inline convection reflow oven
- 16 zone forced convection zones

Quad HTP7 Ovens (Quantity 2)

- 14 zone convection reflow
- Air Knife zone for extra cooldown
- Fully automatic inline transport

Centech VP2000

- Infrared/vapor phase reflow oven
- 24" x 24" capability

ERSA IR-500

- Surface mount (chip, IC, fine pitch, BGA) rework station
- Flexible BGA removal and rework (requires no special tooling/nozzles)
- Laser-guided alignment
- Bottom side convection, top side infra-red

Air-Vac DRS24

- Rework/Repair system
- Thermal Smart Track system
- Accurate BGA Placement/Rework

Seika SS7700

- Fine pitch placement/reflow station
- CCD vision/inspection system
- Programmable reflow control

Conceptronics Pulse RX

- Rework/Repair system
- Closed loop hot gas reflow