

VCD 88HTi

THE ENDURING STANDARD FOR AXIAL INSERTION

The VCD 88HTi combines established reliability and outstanding performance for fast, efficient sequencing and insertion of axial components and jumper wires in one process. With an intuitive interface and flexible machine configurations to match your application requirements, you'll be sure to get the most out of your Universal through-hole solution. Easy to use and maintain with exceptional reliability built in – that's Generation 88HTi.

The unmatched stability of the VCD 88HTi is complemented by real speed and cost advantages delivered directly to your shop floor. Features include:

- Industry's highest real throughput (24,500 cph)
- World-class reliability (200 ppm)
- Manual Load or Automatic PCB Load/Unload
- Multiple clinch options with programmable height
- 20mm part top-side clearance on PCB
- Scalable configurations with up to 100 inputs
- Full range of insertion spans
- Intuitive, graphical operator environment

VIDEO

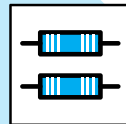


BENEFITS & VALUE



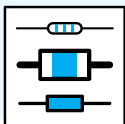
UNMATCHED PRODUCTIVITY

Highest real throughput of **24.5K cph**, Alternate Feeder and Low Part Alert for nonstop production; **200ppm** reliability



HIGHEST YIELDS

Dual-part detection; Top-side clearance of **20mm** to avoid damaging SM components



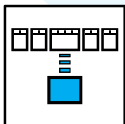
MAXIMUM FLEXIBILITY

Insertion spans ranging from **5.0mm** (high-density) to **24.0mm** (optional)



GREEN MACHINE

The most economical axial insertion machine available, consuming up to **67%** less electricity than alternative solutions



OPTIMAL CONFIGURABILITY

Expandable up to **100 inputs**, enabling scalable production

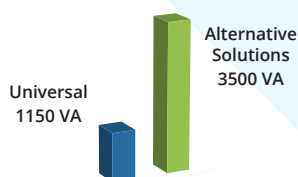


PROVEN RELIABILITY

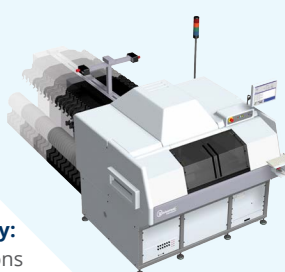
Robust hardened-steel tooling in high-wear areas endures an extensive typical life span of more than **10M-15M** insertion cycles

LOWEST COST OF OWNERSHIP

POWER CONSUMPTION

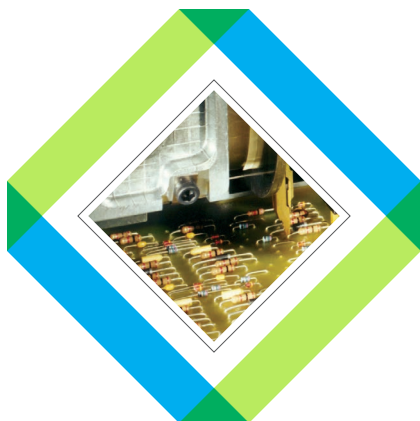


Economical and environmentally friendly:
67% less electricity than alternative solutions



Built to maintain investment protection

- Upgradeable platform architecture with cost-effective, incremental enhancements
- Add-on/removable feeder stations to address production changes
- Modular, quick-change tooling



Insert a full array of axial lead components and jumper wire diameters

Take on your next axial component with confidence, knowing that each insertion has been verified to ensure correct polarity and value.



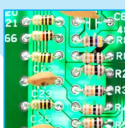
Component Feeding

- Sequencer feeds components to machine from reels, ammo packs or jumper wire spools
- Enables component replenishment without machine stoppage



Expandable Sequencer

- Expandable from 20 stations up to 100 stations in 20-station increments
- Reduces changeover time for multiple products
- Supports changing production demands



Axial Head Tooling Options

- Any application, field reconfigurable
- High-density 5.0mm supports tighter spans
- High-reliability 7.62mm supports wide range of spans

VCD 88HTi Specifications

Throughput	26,000 cph
PCB Dimensions (L x W)	Automated: 102mm x 80mm to 483mm x 406mm; Manual: 51mm x 51mm to 600mm x 600mm
Component Inputs	Expandable from 20 to 100 in increments of 20 (straight-back configuration)
Insertion Pitch	High-Density: 5.00–22.02mm High-Reliability: 7.62–22.48mm (optional kit up to 24.00mm)
Topside PCB Clearance	20.0mm
Clinch Angle	45° to 90°
Reliability	200 ppm or better
PCB Exchange Time	Pass-Through: 2 seconds; Manual: 0 seconds
Electrical Requirements	Single-phase AC 180–246 V, 1150 VA, 47–63 Hz with UPS backup

