



RADIAL 88HTi

THE ENDURING STANDARD FOR RADIAL INSERTION

The Radial 88HTi brings a new level of productivity to radial component sequencing and insertion, offering consistently high throughput regardless of component type. 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 Radial 88HTi is complemented by real speed and cost advantages delivered directly to your shop floor. Features include:

- Industry's highest real throughput (20,000 cph)
- World-class reliability (300 ppm)
- Manual Load or Automatic PCB Load/Unload
- Multiple clinch options with programmable height
- Scalable configurations with up to 100 inputs
- Single, dual, triple, and quad-span tooling
- Full range of insertion spans
- Intuitive, graphical operator environment

VIDEO

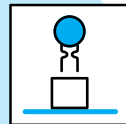


BENEFITS & VALUE



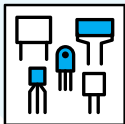
UNMATCHED PRODUCTIVITY

Highest real throughput of **20K cph**, Alternate Feeder and Low Part Alert for nonstop production; **300ppm** reliability



HIGHEST YIELDS

Programmable height to avoid damaging surface mount components



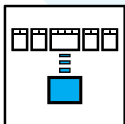
MAXIMUM FLEXIBILITY

Single, dual, triple, and quad-span tooling with spans from **2.5mm** to **10.0mm**, including **3.5mm**



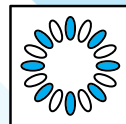
GREEN MACHINE

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



OPTIMAL CONFIGURABILITY

Expandable up to **100 inputs**; Available in straight-back or in-line configuration

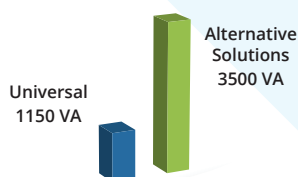


PRECISION INSERTION

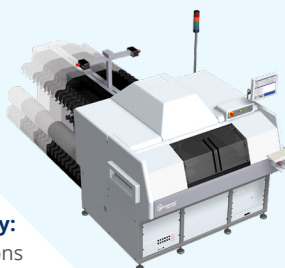
Insertion heads are servo-driven for precise and rapid **360°** component insertion in **1°** increments

LOWEST COST OF OWNERSHIP

POWER CONSUMPTION

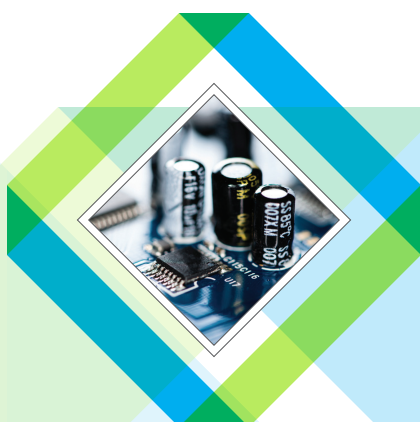
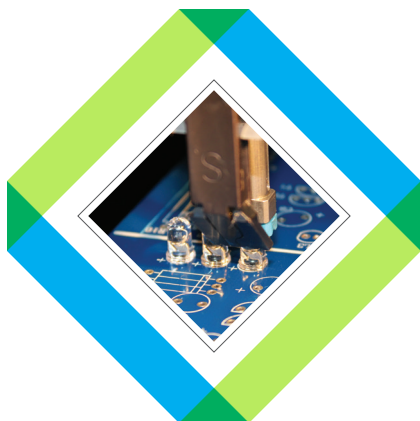


Economical and environmentally friendly:
67% less electricity than alternative solutions



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 radial lead components

Maximize efficiency, output and quality by eliminating manual insertion. Single, dual, triple and quad-span configurations will have you ready for your next product, and you can keep on running by replenishing components without a machine stoppage.



Component Feeding

- Sequencer feeds components to machine from reels or ammo packs
- Jam-resistant design, alternate feeder and double-index feeders for higher speed and throughput



Sequencer Configuration Options

- Available in-line or straight-back configurations to accommodate a variety of factory layouts
- Expandable from 20 stations up to 100 stations in 20-station increments



Radial Head Tooling Options

- Single-Span: 2.5mm
- Dual-Span: 2.5/5.0mm
- Triple-Span: 2.5/3.5/5.0, 2.5/5.0/7.5, 5.0/7.5/10.0mm
- Quad-Span: 2.5/5.0/7.5/10.0mm

RADIAL 88HTi Specifications

Throughput	20,000 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 (in-line or straight-back configuration)
Insertion Pitch	Single-Span: 2.5mm Dual-Span: 2.5mm/5.0mm Triple-Span: 2.5mm/3.5mm/5.0mm or 2.5mm/5.0mm/7.5mm or 5.0mm/7.5mm/10.0mm Quad-Span: 2.5mm/5.0mm/7.5mm/10.0mm Programmable clinch and insertion height
Reliability	Single/Dual-Span: 300 ppm or better; Triple/Quad-Span: 400 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

www.uic.com
universal@uic.com

MC-7496

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contact us:

