

UMG Technologies, Inc.

INDUSTRY EXPERTS IN ELECTRONIC ASSEMBLY EQUIPMENT



When the marketplace asked for a price performing solution to bulk pin odd-form assembly we listened.

Introducing **The Model PLT-901 Inline** **Bulk Pin Inserter**

INDUSTRY'S FIRST

- Three Headed Bulk Insertion Cell
- Bulk Fed Inserter with 99.97% reliability
- Inline Small Footprint Modular Assembler
- Thru-hole Platform with a Microsoft Windows Interface
- English and Spanish Machine Menus
- Latched Input Lead Sense
- Offering capital asset protection
- Accommodating varying circuit board thickness

INNOVATIVE PROCESS FEATURES

- Optional Brushless Servo-Driven Clinch Anvil
- Selective / Programmable Lead Length (pat. pend.)
- Single Head Rated at 18,000 CPH
- Brushless Servo Rotary Table (patented)
- Fastest Inline Conveyor Available (under 3 seconds)
- Self-Calibrating

OFF-THE-SHELF LEADING EDGE TECHNOLOGIES

- Intel PC Controller
- Yaskawa Brushless Servo Motors and Amplifiers
- Kuroda Ball Screws
- THK Linear Ways
- Motorola Digital Servo Positioning
- Opto-22 I/O
- Keyence and Omron Sensors
- Oriental Motors
- SMC Pneumatics

STANDARD FEATURES

- Optical Vision
- CAD Data Driven / Compatible
- Self-Teach Programming
- Excel Compatible
- Full Screen Editor
- Extensive Diagnostics
- Multi-Level Password Security

OPERATOR INTERFACE / SOFTWARE FEATURES

- Microsoft Windows Presentation
- Four Pushbutton Control Panel
- Touch Pad Pointer
- English and Spanish Fault Messages
- SPC Fault Reports
- Machine Utilization Reports
- Productivity Reports
- Machine Manual / Help Files On-Board
- Software Calibration & Set-up Tools

OPTIONAL FEATURES

- Inline Conveyor (SMEMA Compatible)
- European Conformity "ce"
- Off-line Programming
- Adjustable Batch Workboard Holder
- Operator Light Curtain
- LAN Connection
- Servo Driven Below Board Support
- Bar Code Product Changeover



Photo: PLT-901 Base System with Single Head



Photo: 3 Mill-Max Insertion Heads
(Pat. Pend.)

APPLICATION HEADS AVAILABLE

- High Speed Axial VCD-Head
- Continuous Reel Interconnects and Terminals
- Continuous Wire Pin Insertion Heads
- Press Fit Connectors
- Bulk Jumper Wire
- Bulk Feed Eyelet / Pin
- Bar Code Labeler
- Sealant Equipment and Engineering Dispense Valves
- Laser Marking
- Mill-Max Bulk Pin Insertion
- Ask us about our custom applicator partnerships



Photo: Mill-Max Precision Machined Bulk Fed Pins

INTRODUCING THE PLT-901

The industry's first flexible, off-the-shelf, thru-hole platform designed with the operator in mind. Our platform is a proven cost-effective solution for medium to high volume thru-hole assembly. It provides world-class manufacturers with insertion reliability of 99.97% combined with lowest cost of ownership and the highest machine utilization available in the marketplace.

An innovative, reliable, and technically superior solution, years ahead of our competitors.

UMG Technologies, Inc.
Industry Experts in Electronic Assembly Equipment