

# UMG Technologies, Inc.

INDUSTRY EXPERTS IN ELECTRONIC ASSEMBLY EQUIPMENT



When the marketplace asked for a cost effective price performing solution to end-to-end volume pin assembly, we listened.

## Introducing **The Model PLT-901 CXP Inline or Stand-Alone End-To-End Pin Inserter**

### INDUSTRY'S FIRST PIN INSERTER

- With Dual Plating Aspirators for Quality Control
- Material Payoff Tension Control
- 100% Insertion Reliability Checking
- A Microsoft Windows Interface
- English, Spanish and Mandarin Machine Menus
- Latched Input Lead Sense Continuity
- Capital Asset Protection
- Inline Small Footprint Modular Assembler

### INNOVATIVE PROCESS FEATURES

- Pneumatic Driven Head and Anvil
- Selective / Programmable Lead Length (pat. pend.)
- Single Head Rated at 9,000 CPH
- Brushless Servo Rotary Table (patented)
- Fastest Inline Conveyor Available (under 3 seconds)
- Self-Calibrating with set-up Tools
- Easy Set-Up

### 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



Photo: PLT-901 Inline System with Single CXP Head

### OPERATOR INTERFACE / SOFTWARE FEATURES

- Microsoft Windows Presentation
- Four Pushbutton Control Panel
- Touch Pad Pointer
- SPC Fault Reports
- Machine Utilization Reports
- Productivity Reports
- Machine Manual / Help Files On-Board
- Preventive Maintenance Alert
- Automatic Repair

### OPTIONAL FEATURES

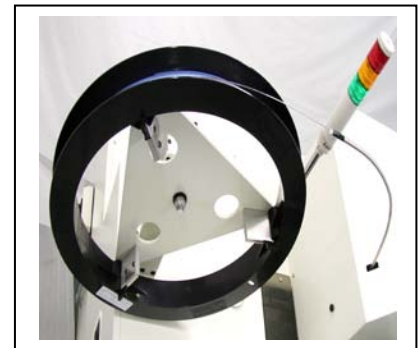
- Inline Conveyor (SMEMA Compatible)
- European Conformity "CE"
- Off-line Programming
- Adjustable Batch Workboard Holder
- Operator Light Curtain
- LAN Connection
- Bar Code Product Changeover
- Second Insertion Head



PLT-901 CXP Toolset

### STANDARD FEATURES Cont.

- Aspirators at Component Feed & Cut
- Optical Insertion Hole Correction
- Auto Repair Component Present Inspect
- Preventive Maintenance Alert
- Insertion Lead Sensing
- Part in Tooling Sensors
- Automatic Material Feed by Lead Sense
- End Of Reel / Pin Material Sensor
- Pneumatic Driven Head Rated at 9,000 CPH
- Mechanical Control of Material Payoff
- Optional Second Applicator Ready
- Optional Force Measurement Capability



Tension Control Material Payoff

### INTRODUCING THE PLT-901 CXP

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 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**