

## Introducing The Semi-Automatic AE-2001 Bulk Socket Bench Top Inserter

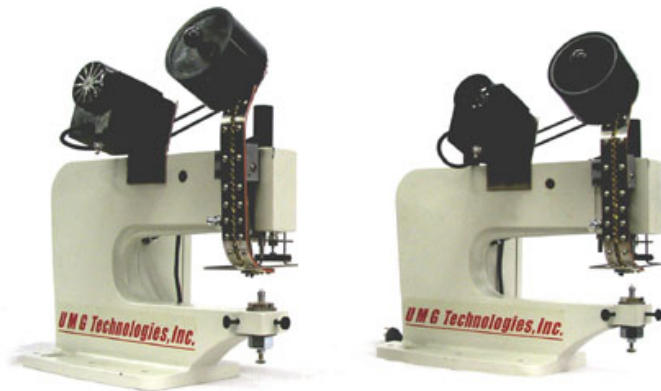
DESIGNED TO INSERT BULK FED SOCKETS AT A RATE OF UP TO 3,600 COMPONENTS PER HOUR

### THE BASE MACHINE INCLUDES

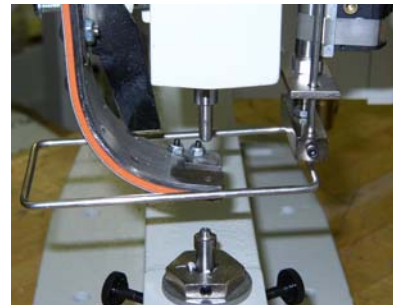
- Simple Machine Control
- Insertion Speeds up to 3,600 CPH
- Insertion Reliability 99.97
- PCB Thickness Range .010 - .250\*
- Motor Driven Hopper Track Assembly
- Pneumatic Operation with Pressure Sensitive Compensation for Substrate Thickness Tolerances
- 10-Inch Depth to Receive Printed Circuit Boards
- Modular Cast "C" Frame

### SIMPLE MAN/MACHINE INTERFACE

- Foot Switch Actuated Insertion Cycle
- Insertion Hole Locating Beam (Optional)
- Ring Guard – The ring guard (seen below) sweeps the area around the insertion. The AE2001 will not cycle if the ring encounters an obstruction.



**AE2001 Semi-Automatic Bulk Socket Bench Top Inserter**



**AE2001 Upper and Lower Setting Tools**

### OFF THE SHELF TECHNOLOGY

- Modular Panel Assembly Enclosure
- Cylinders, Solenoid Valve Stack, Compressed Air Preparation Unit Complete with Automatic Drain, Regulator and Gauge with 5 Micron Filter
- Permanently Lubricated Cylinders
- Minimal Amount of Fastener Differentiation
- Electrical Requirement 115 VAC, 60 Hz, 3 Amp
- Pneumatic Requirement 80 psi, 7.8 scfm

### QUICK CHANGE HOPPER BOWL & TRACK

- Stainless Steel Track Base & Rails
- 4" Socket Hopper Bowl
- Hardened & Ground Socket Release Fingers (As seen in photo)

### OPTIONAL FEATURES

- Additional Quick Change Hopper Track
- Maple Top Bench with Steel Legs (34" H, 30" W, 24" D)
- 2-Hand Actuated Insertion Cycle
- Padded Board Support
- Insertion Hole Locating Beam



**AE2001 Quick Change Socket Hopper Track**

\*-Contact UMG for Customizing our AE2001 Inserter

Our AE2001 Bulk Socket Bench Top Inserter unit is a proven flexible, cost effective solution for low volume assembly.

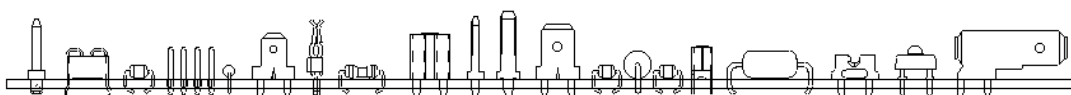
**UMG Technologies, Inc.**

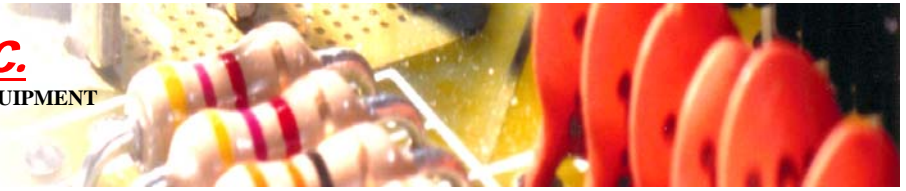
**Industry Experts in Electronic Assembly Equipment**

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Mill-Max Socket  
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When the marketplace asked for a price performing, reliable feeding solution for **MILL-MAX** bulk fed SMT interconnects, we listened--

## Introducing **The SMV-90 Bulk Fed SMT Pin Feeder**



Our SMV-90 is a proven cost effective, intelligent feeding solution for medium to high volume SMT pin assembly.



The System Features:

- Presentation Rates Up to 5,400 CPH
- Simple Man Machine Interface
- Off-the-Shelf Technology
- Keyence and Omron Electronics
- SMC Pneumatics
- Compact Ergonomic Design/Professional Appearance
- Patent Pending Pin Transfer Technology
- Presents SMT Pins, Sockets, Receptacles, Solder Turret Terminals, Multi-Finger Contact Pins, Jumpers & Shunts and Custom Terminals to your SMD Placer or Robotic Work Cell
- Optional European Conformity

If you are considering an interconnect feeding project for your placer, there's technology you should know: **The SMV-90 Bulk Feeder**



**An Innovative, reliable, and a technically superior solution that is years ahead of our competitors.**

***UMG Technologies, Inc.***

**Industry Experts in Electronic Assembly Equipment**

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