



# *Global Tech Sales & Services*

Service, Sales, Parts and Engineering Solutions to the Industry

## **Maintenance and Troubleshooting Printers**

**Objectives:** Given the training by the instructor and student guide, in the balance of machine and process exercises, the student will demonstrate a complete knowledge to provide Maintenance and Troubleshooting to the SMT Printing Machine. At the end of the Course, the student will be able to Repair, Troubleshooting and Control the MPM Printing Machine.

The student will be able to:

- Identify risks on safety and precaution required to operate the equipment.
- Identify all the parts of the machine.
- Describe the Operation and Theory of the equipment.
- Perform mechanical adjustments and alignments to the equipment.
- Navigate through all Menus and Screens of the programs and use them for troubleshooting.
- Understand and interpret all Error messages and SPC Data.
- Revise the machine and apply the proper preventive and corrective actions required.
- Revise and perform repair to the programmable printing head of the machine.
- Know how to utilize electrical and mechanical diagrams to perform proper troubleshooting and repair of the equipment.
- Full knowledge of utilizing electrical and mechanical diagrams to perform proper troubleshooting and repair of equipment.

Pre-requisites : Knowledge to operate MPM Printing Machine. Ability to use mechanical and electrical measurement equipment, as well as hand tools. Reading and interpreter electrical and mechanical diagrams.

Required Equipment: MPM Series AP / UP Printing Machine, Electrical and Mechanical Measurement Instruments and Tools. Manual Tools and Fixtures

Machine Electrical and Mechanical Diagrams

Duration: 4 - 5 Days

Schedule: Flexible