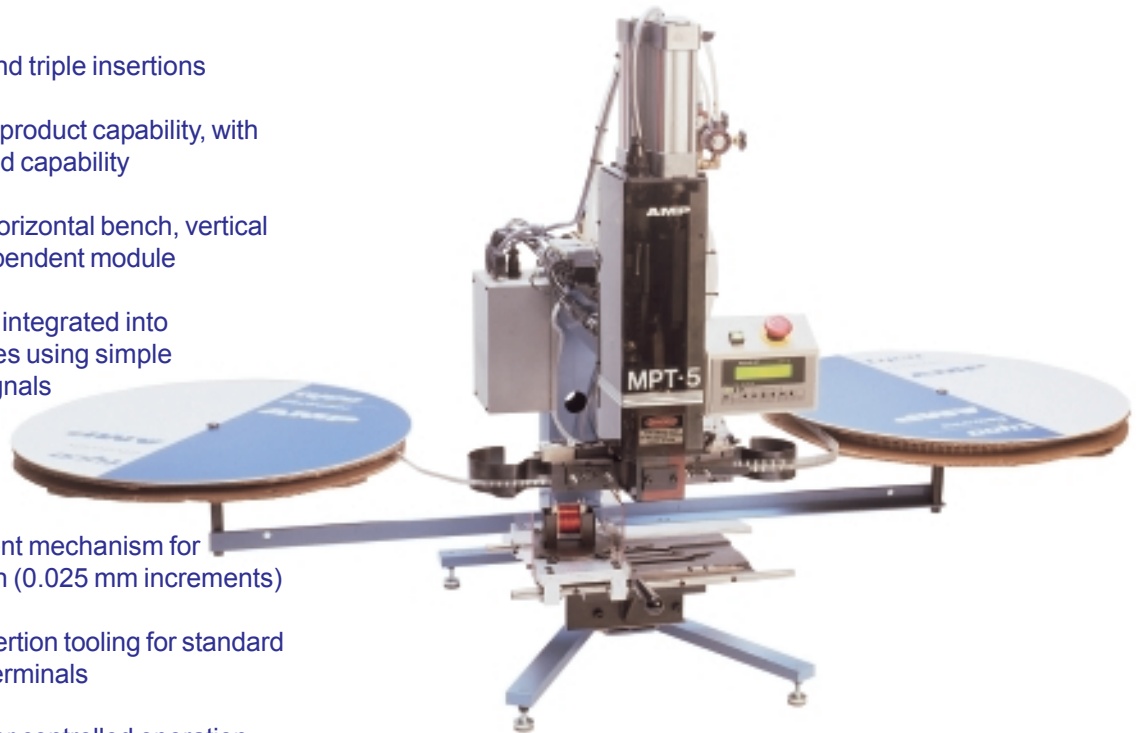


## MPT-5 Machine for Mag Wire Coil Termination

### Features

- Single, dual and triple insertions
- Two-reel, two-product capability, with alternating feed capability
- Available as horizontal bench, vertical bench or independent module
- Module easily integrated into production lines using simple handshake signals
- Fine adjustment mechanism for insertion depth (0.025 mm increments)
- Tube-type insertion tooling for standard MAG-MATE terminals
- Microprocessor controlled operation



### Compatible Tyco Electronics Products

Standard and Mini MAG-MATE products

For quick, easy and reliable termination of magnet wire without pre-stripping the insulation or soldering, Tyco Electronics offers the MAG-MATE product family and the MPT-5 (MAG-MATE Product Terminator) air operated insertion machine with micro-processor control.

The MPT-5 machine inserts a MAG-MATE terminal into a customer designed cavity in the coil bobbin or similar magnet wire housing, terminating the wire and providing an I/O terminal or other connection. The MAG-MATE system can create a termination that is very close to the coil.

The MPT-5 uses three or four air cylinders to feed terminals from one or both reels, cut terminals from the carrier strip, and insert terminals into the cavities.

The display shows the operating conditions of the machine such as the batch count, total count, error messages, and ready state. The display also lets the operator step through the machine sequence or manually cycle the machine for set up or easy diagnosis of problems.

The MPT-5 can be mounted on to the Rotary Index Table to provide a free standing semi-automatic workstation.

### About Tyco Electronics

Tyco Electronics is one of the major business units of Tyco International Ltd. Headquartered in Harrisburg, Pennsylvania, USA, Tyco Electronics is the world's largest passive electronic components manufacturer, and a world leader in cutting-edge wireless technologies, fiber optic active components, and complete power systems.

The company has facilities located in 56 countries serving customers in the aerospace, automotive, computer, communications, consumer electronics, industrial and power industries.

Tyco Electronics provides advanced technology products from over thirty well-known and respected product brands, including Agastat, Alcoswitch, AMP, AMP Netconnect, Buchanan, CoEv, Critchley, Elcon, Elo TouchSystems, HTS, M/A-COM, Madison Cable, OEG, Potter & Brumfield, Raychem, Schrack, Simel and TDI Batteries.

## **MPT-5 Machine for Mag Wire Coil Termination**

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