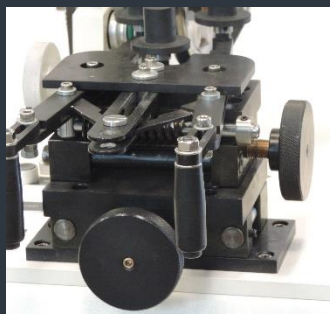
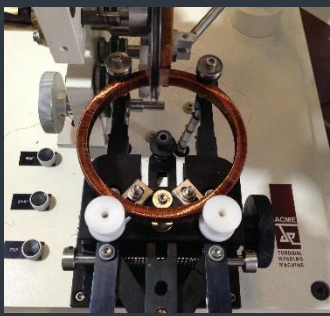
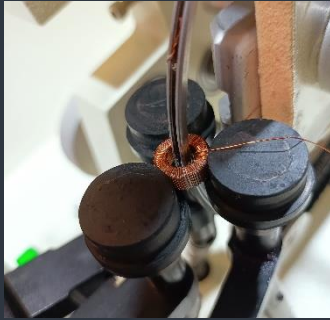


# TOROIDAL

## Features for Toroidal winding machines



**Application:** Crafted for the meticulous production of ferrite toroids, SMPS toroids, energy meter coils, CTs, and high-frequency toroidal coils. This machine boasts advanced electronic control for automatic repeatability, simplifying the overall operational process.

**Speed Control:** The machine allows precise control of loading and winding speeds, programmable as a percentage of capability.

**Parameter Customization:** Enjoy the flexibility of programmable settings for all winding parameters, facilitating adaptability to specific requirements.

**Intuitive Programming:** Navigate effortlessly through user-friendly menus with options like RUN, ADD, MODIFY, COPY, DELETE, and LIST for efficient and seamless programming:

**RUN:** Initiates the machine to execute a specific program. **ADD:** Easily incorporates a new program. **MODIFY:** Adjusts individual or multiple parameters within an existing program.

**COPY:** Duplicates a selected program to another. **DELETE:** Removes an existing program.

**LIST:** Displays existing parameters of the specified program on the LCD.

**Precision Wire Pitch:** Achieve exacting wire pitch programmability in increments of 0.01mm, offering versatility for six different tapings.

**Gradual Acceleration/Soft Start:** Programmable for both loading and winding, the machine ensures a gradual increase to the set speed, promoting precision.

**Gradual Deceleration/Soft Stop:** Programmable for both loading and winding, the machine gradually slows down before reaching the endpoint, enhancing control.

**Turns Counting Accuracy:** Utilizing wire sensing for MT-06B and slider sensing for LT-04 and MT-06S, the machine adopts an up-counting mechanism.

**Load Indicator:** Provides a visual indicator for loading operations, with wire loading measured in precise lengths.

**Winding Indicator:** Visual confirmation ensures clear monitoring of winding operations.

**Auto Direction Selection:** The machine intelligently determines loading and winding direction, streamlining the process.

**Ample Memory Capacity:** Store up to 99 programs, each supporting six individual tapings for enhanced versatility.

**Programmable Parameters:** Customize program number, pitch, tapings, loading length, winding turns, acceleration, deceleration, core rotation, winding modes, and speed to meet specific needs.

**Informative LCD Display:** The 40X2 LCD continuously displays various loading and winding parameters, providing comprehensive real-time data.

**Stable Power Supply:** Equipped with an SMPS supply for the microprocessor circuit, ensuring continuous operation across a wide voltage range.

**Single-Board Reliability:** The machine operates seamlessly with a single board, ensuring reliability and ease of maintenance.

**Audio Indication:** Audible feedback enhances the user experience, providing confirmation with every key press.

**Customization Options:** Tailor the machine for specialized applications, with interchangeable heads accommodating a broad wire range.

**Loading and Winding Sensors:** Utilizes a proximity sensor for efficient loading and an optical sensor for precise winding.

**Versatile Modification Possibilities:** Various shuttle types are available, ensuring adaptability to handle different core sizes with precision.

SERVICES AVAILABLE

[Technical Support](#) | [Installation and Setup](#) | [Maintenance](#) | [Application Support](#) | [Hardware Support](#) | [Guaranteed Warranty](#)



**ACME Mechatronics, Inc.**

Works : 4451 Dale Earnhardt Way, Unit B22, Northlake, TX 76262

Register Office : 1505 Douglas Ave, Colleyville, TX 76034, USA

Phone : +1 (682) 237-7121 | Cell : +1 (858) 790-2397

E-mail : [sales@acmemechatronics.com](mailto:sales@acmemechatronics.com)

URL : [www.acmemechatronics.com](http://www.acmemechatronics.com)