

# TM-8II

## FORMING MACHINE WITH ROTARY TOOLING TABLE

Suitable for forming ultra fine wire with the rotary tooling system giving stable wire line, the TM-8 has evolved into the ultimate forming machine for ultra fine wire. There is no dead zone, and constant position of tooling is kept with auto-compensation while the table is turning MNO (Mec New Operation system) equipped controls operation, gauging and multifunctional production management.



ORIIMEC CORPORATION OF AMERICA  
1840 AIRPORT EXCHANGE BLVD. #200  
ERLANGER, KY 41018 USA  
1.888.746.3320  
[www.oriimec.com](http://www.oriimec.com)

**MEC**  
WWW.ORIIMEC.COM

# TM-811

## FORMING MACHINE WITH ROTARY TOOLING TABLE

### FEATURES

- Tooling table equipped with 8 forming slides turns around a quill in the center at high speed. Slides can be set up at any angle for coil, i.e. forming adjustment can be made easily. Furthermore, newly developed 1motor-for-2 slides, i.e. No dead zone has been achieved by divided 16 cams. Forming work at any angle is available.
- Tool position is unchanging by auto-compensation even though tooling table turns.
- Position setup follows slide number, and no need to change drive motor number even though table rotation angle is changed.
- Employing square quill enables to make long spring part that needs certain space when it is twirled during forming process.
- 3 RR servo slides at maximum can be equipped.
- Program display controlled by "MNO" is easy-to-read, i.e. program flow, each axis operation status, input/output, jump and so on can be grasped by scrolling.
- Easy to make long program and also shorten setup time with multifunction.
- Gauging, Coil end control, Input/Output and such program screen comes on independently

### MACHINE SPECIFICATIONS

Wire Diameter	0.2mm-0.8mm (0.007"-0.031")
Index D/d	4 or more
Twirl distance	
Radius	45mm available using square quill
Slides	
Body slide	1pc
Bending slide	3 pcs
Cut slide	4 pcs
RR servo slide	Option 3 pcs max.
Control device	
Max. 16 axes to be controlled by computer - OS Windows XP	
Display	17" TFT color LC display
External memory	USB thumb drive
Service Temp.	0° ~ 40 °C
Power source	AC 200V, 3-phase, 20 A
Service Air pressure	Max. 0.5 MPa
Net weight	450kg (992lb)

### MOTOR SENSOR SYSTEM, MSD-1

Standard spec. The contact sensor functions as positioning for cut axis, pitch axis and such drive servomotor. It measures free length, outside diameter, leg portion angle in 1/1000mm resolution, and performs corrective control. It functions as well as capacitance sensor or contact type sensor.

*Specifications subject to change without notice*

