

VM-26

CNC MULTI-AXIS SPRING FORMER

Radical New Concept:

Newly developed high-speed wire rotation mechanism,
Quill in/out, Split-slide table (right/left mobility)
and 5 additional axis give greater versatility for
spring formation.



 **ORIIMEC**

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MACHINE SPECIFICATIONS

Wire Diameter	1.0-2.6 mm (0.039"-0.102")
Max Radius	R120
Feed Axis Resolution	0.001mm
Max. Speed	106m/min
Motor	4,400 W
Quill In/Out Axis	
Resolution	0.001mm
Motor	750 W
Max. Traveling	50mm
Wire Rotation Axis	
Resolution	0.001mm
Motor	1,200 W
Quill Rotation Axis	
Resolution	0.001°
Motor	1,200 W
Cut Slide Axis (2 Axis)	
Resolution	0.001°
Motor	1,500 W
Tooling Table Axis (2 Axis)	
Resolution	0.001mm
Motor	400 W
Max. Traveling	40mm
Tool Slide Axis (4 Axis)	
Resolution	0.001mm
Motor	400 W
Max. Traveling	140mm
R-spinner Servo Outer/Inner Rev. (2 Axis)	
Resolution	0.001°
Motor	750 W
R-spinner Servo Inner Rev.	
Resolution	0.001°
Motor	400 W
Open Axis	
Resolution	0.001°
Motor	750 W
Power Source	AC 3-phase 200V 25A
Service Air Pressure	0.5Mpa

Specifications subject to change without notice

FEATURES

- Newly developed feed rotations mechanism: By centering and reducing mass of the wire rotation system, inertia and vibration is reduced allowing for greater rotation speeds and accuracy.
- Reciprocating quill/feed axis which gives easier adjustment for coil diameter, and also additional clearance for longer springs.
- 2 independent tooling tables (upper and lower) gives slides the ability to travel left and right. Adjustment for initial tension, pitch, or tool selection can be made simply by moving left or right.
- Longer springs can now be produced because of combined quill depth (120mm) and tool stroke (140mm).
- 2 new durable opposing cut slides allow for larger wire cuts.
- 2 R-spinner servos equipped as standard spec (one inside/outside rotating spinner and one outside rotating spinner).

STANDARD ACCESSORIES

- Positioning Cylinder Unit
- Disk Type wire alignment and wire straightener
- Handy Pulse Dialer
- End Alignment Sensor
- Sensor Probe for torsion angles

CNC DEVICE

"MNO": Mec's new Windows-based operating system.

