

HTC80CL-5-axes-cnc-spring-coiler



GENERAL SPECIFICATIONS

WIRE RANGE: 3.0-8.0mm (.118"-.315")
MAX. O.D: 140mm (5.51")
PROD. RATE: MAX. 100 PCS/MIN
DIMENSIONS: 255x190x230cm (89"x63"x79")
WEIGHT: 5000KGS (11,000LBS)

STANDARD 5 AXES

1	FEED
1	O.D.
1	VERTICAL PITCH
1	HORIZONTAL PITCH
1	CUTTER

CNC CONTROL SYSTEM AND EXCEPTIONAL SOFTWARE DESIGN

- 5 servo motors, industrial computer controlled insuring reliable control.
- Graphic and easy to use software simplifies programming.
- Cam-less operation provides quick and easy setup.
- A micro-pulse hand wheel for easy setup and programming.
- The computer system stops the machine if a programming error exceeds machine setup capabilities.
- On-screen diagnostics shows alarm status and corrective action required.
- Standard spring shapes are pre-programmed for easy setup.
- O.D. control is a standard feature.
- State of the art touch screen control interface for easy operation.
- Programmable air valves provide flexible pneumatic application.
- Security sensor and position sensor included.

- USB data access interface, convenient for program backup and production management.

OPTIMUM MECHANICAL DESIGN

- Advanced design for coiling point system insures easy conversion from right hand to left hand coiling, without coiling point slides replaced.
- Rotating cutoff and straight cutoff capability are both standard features for more flexible application.
- Mandrel in-out movement is programmable which provides setup flexibility.
- Automatic oil pump insures equal lubrication for slides.
- Pneumatic roller clamping system for heavy-duty jobs.
- Roller pressure gages insure repeatable feed roller pressure during changeover.
- Heat exchanger on the electronics chamber keeps controls clean and cool.

Optional Considerations

- Safety cover with safety switch to stop machine when opened
- Torsion attachment for added production capability
- SLG 10 Spring Length Gage
- OSG 20 Vision Length Gage
- Sorters, 2-way, 3-way, 5-way
- Retractable Probes
- Long spring guides
- Wire Stripper for inline stripping of coating or chamfering wire
- Air conditioning unit for electronics
- Special machine paint colors