

**HTC
10 CL**

5 Axes Spring Coiling Machine

0.2-1.0mm

**HTC
2020**



Standard 5 Axes

1	Feed
1	O.D.
1	Vertical Pitch
1	Horizontal Pitch
1	Cutter

Features

OPTIMUM MECHANICAL DESIGN

- A digital scale is installed to indicate the exact position of mandrel (up/down).
- Cam-less operation provides quick and easy setup.
- 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 and wire feeding system.
- Roller pressure gage insures repeatable feed roller pressure while material changed.
- Heat exchanger on the electrical cabinet keeps controllers clean and cool.
- Speed upgrade: production is 35% higher than HTC10CF.
- Optional torsion attachment is available.

CNC CONTROL SYSTEM AND EXCEPTIONAL SOFTWARE DESIGN

- 5 servo motors, industrial computer controlled insures reliable control.
- Graphic and easy to use software simplifies programming.
- A micro pulse hand wheel is used for easy setup and programming.
- The computer system stops machine if a programming error exceeds machine setup capability.
- On-screen diagnostics shows alarm status and corrective action required.
- Standard spring shapes are pre-programmed in computer CPU for easy setup.
- O.D. control is standard feature.
- Touchscreen control interface for easy operation.
- Programmable air valves provide flexible pneumatic application.
- Safety sensor and position sensor included.
- USB data access interface, convenient for program backup, production management and system rescue.

Included Standard Accessories

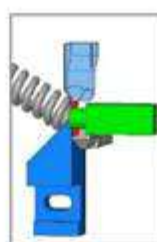
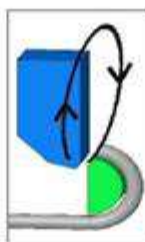
S	Safety Guard
APS	Air Pressure Switch
OP	Auto Oil Pump
WDD	Wire End Detection

Optional Accessories

A	Torsion Attachment
SDR/L	Servo Pretention Device of Compression Spring (Right/Left Coiling)
L	Long Spring Guide
WF2	WiFi Operation Monitoring with VNC Function
STR	Wire Stripper (For Copper Wire)
SLG	Spring Length Gage
OSG	Optical Spring Gage
HR	Wire Pay Off System
FR	High Speed Wire Pay Off System

Specification

Model	Wire Dia.	Max. O.D.	Production Rate	Total Power	Dimension (LxWxH)	Weight
HTC 10CL	0.2mm-1.0mm (.008" - .039")	25mm (.98")	MAX. 999 pcs/min	2.5 kW	130x75x165cm (51"x30"x65")	500KGS (1100LBS)



Exclusive Exporter:

HUEI SHANG INDUSTRIAL CO., LTD.

6F, No. 230, Sec. 3, Chengde Road, Taipei, Taiwan
Tel: +886-2-25953031 Fax: +886-2-25915864
E-mail: sales@hswww.com http://hsiwww.com



European Representative:

MANENTIMACCHINE SRL

Viale Italia, 115 - 25064 Gussago (BS) - Italy
Tel: +39-030-2524627 Fax: +39-030-2524640
E-mail: info@manentimacchine.it
http://www.manentimacchine.com



European Representative:

MANTEK, s.r.o.

Bělohorská 55, 169 00 Praha 6, Czech Republic
Tel: +420-222940599 / +420-774402692
Fax: +420-222980125 E-mail: info@mantek.cz

* The specifications and features are subject to change without notice.