



6 Axes Spring Coiling Machine

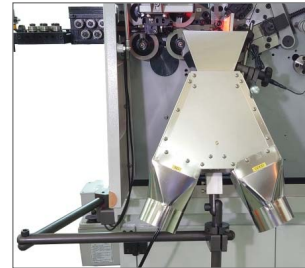
Servo Central Slide System for Optimum Operation

0.8-3.0mm

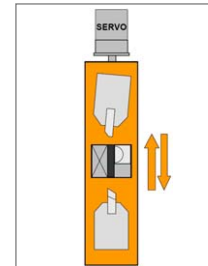


Standard 6 Axes

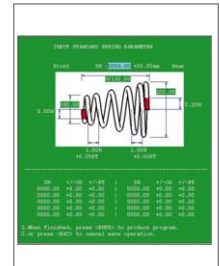
1	Feed
1	O.D.
2	Cutter/Vertical Pitch
1	Horizontal Pitch
1	Mandrel Up/Down



Optional 2 ways pneumatic sorter mounted on coiler (OSG20-2AM)



Programmable Servo Central Slide



Graphic Programming

Features

OPTIMUM MECHANICAL DESIGN

- The Central Slide (i.e. the cutter, pitch slides and mandrel all together) will move to the correct position automatically according to the program while O.D. is changed during production, which provides setup convenience and strengthens cutter structure.
- 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.
- Roller pressure gage insures repeatable feed roller pressure while material changed.
- Heat exchanger on the electrical cabinet keeps controllers clean and cool.
- Optional torsion attachment is available.

CNC CONTROL SYSTEM AND EXCEPTIONAL SOFTWARE DESIGN

- 6 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.

Optional Accessories

S	Safety Guard
A	Torsion Attachment
SDR/L	Servo Pretention Device of Compression Spring (Right/Left Coiling)
L	Long Spring Guide
WF3	WiFi Operation Monitoring with VNC Function
APS	Air Pressure Switch
WDD	Wire End Detection
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 28CP	0.8mm-3.0mm (.031" - .118")	45mm (1.77")	MAX. 250 pcs/min	15 kW	152x100x182cm (60"x39"x72")	1100KGS (2400LBS)



Exclusive Exporter:

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