

WH-8

CNC 2POINT COILING MACHINE

Very cost effective & user-friendly CNC 2-point coiling machine
originally-intended to replace mechanical coiling machines

MNO (Mec New Operation) control system gives advanced operability, gaging and
production control with multi-function.

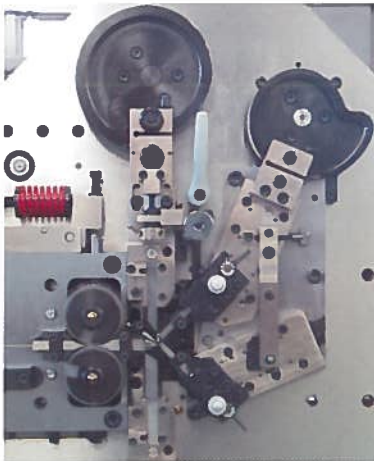


ORII & MEC CORPORATION

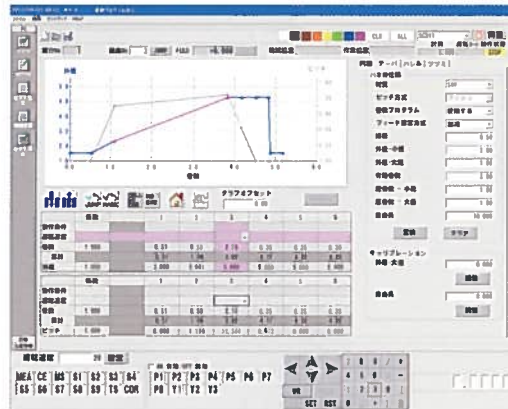
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Features

- ◆ 5-Axis for Feed, Cut, Wedge Pitch, Push Pitch, & Point equipped as standard spec.
- ◆ Simple mechanisms for user-friendliness, and Rib cam as driving cam for high speed production
- ◆ Not space-consuming for the control system equipped on the mechanism trestle – same space as mechanical coiling machine
- ◆ For general spring parts like cylindrical springs and conical springs, dimensional data input on to the pattern program will be converted to produce desired parts accordingly. For variation of conical springs, straight, bowl and such shape can be formed adjusting in multi-step up to 100-step, and desired load can be achieved.
- ◆ 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.
- ◆ Contact type sensor and Non-contact type capacitance sensor are available. With Auto-collection and Multi-functional production management system gives easy-to-control production.
- ◆ Left wind unit, Initial tension servo, 1-point unit and Slip sensor are available as option.



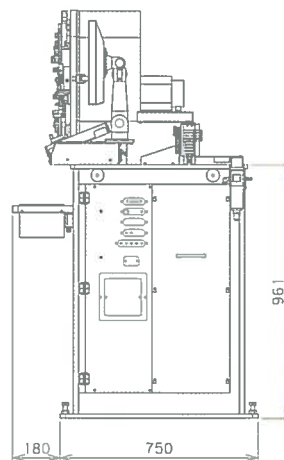
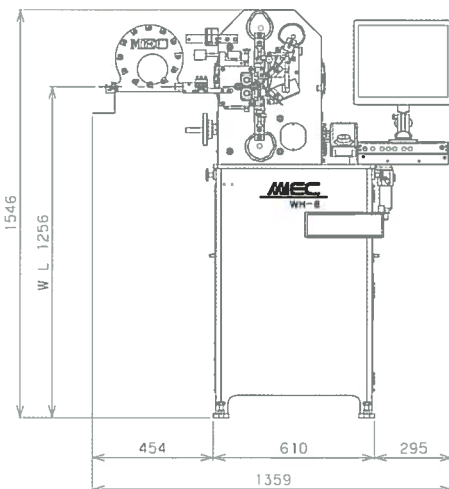
2-point area
Simplification & User-friendly



Pitch line chart on program screen

Setting Pitch program and Outside dia. Program respectively makes adjustment of compression spring program easier.

Specifications



Standard Spec	Wire Dia. 0.2~0.8mm
	Outside Dia. 28mm or more
	D/d Index 4 or more
Feed Axis	Resolution 0.001mm
	Max.Speed 118 m/min
Cut Axis	Resolution 0.001°
Wedge/Pitch Axis	Resolution 0.001mm
Push/Pitch Axis	Resolution 0.001mm
Point Axis	Resolution 0.001mm
Solenoid Valves	4 pcs (8 pcs at Max)
Service Air Pressure	Max 0.5 MPa
Power Source	3-phase AC 200V, 16A
Net Weight	400kg
Control Device	OS Windows XP
	Max.9-Axis controllable
Display	17" TFT color LCD
External memory	USB Thumb drive
Service Temperature	0~40 deg. C

Specifications are subject to change without notice.