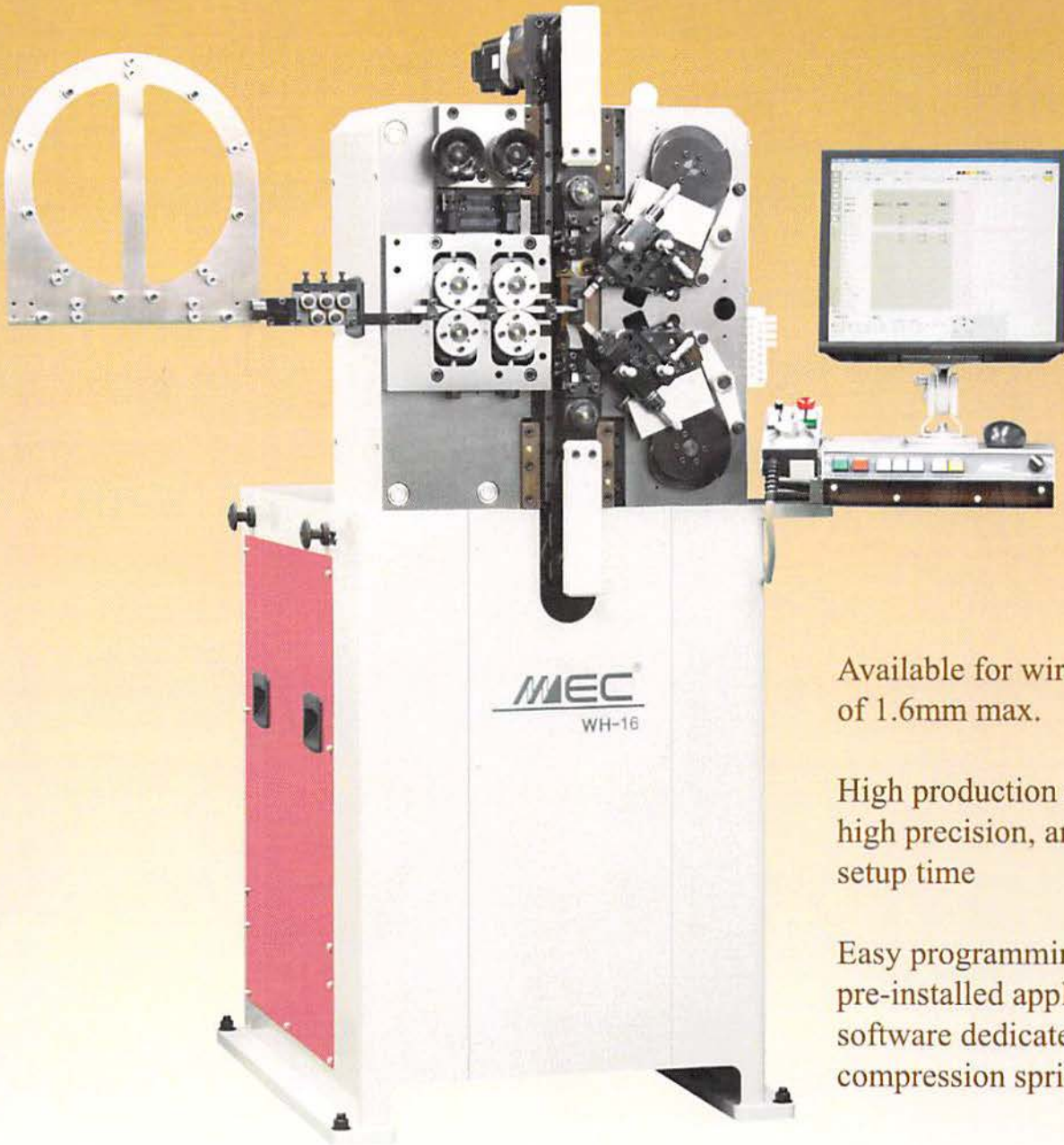


WH-16

CNC DUAL POINT COILING MACHINE



Available for wire diameter
of 1.6mm max.

High production speed,
high precision, and short
setup time

Easy programming with
pre-installed application
software dedicated to
compression spring parts



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MEC
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WH-16

CNC DUAL COILING POINT MACHINE

FEATURES

- 7-Axis for Feed, Cut, Wedge-Pitch, 1st Point, 2nd Point, Push-Pitch and Arbor back-and-forth equipped as standard.
- Twin-roller applied for feed can reduce feed pressure on wire material. Feed pressure can be managed with setup record unit (option).
- Easy switching to Rotary cut, Straight cut, or Wedge-Pitch by moving eccentric pin.
- Cut, Wedge-Pitch, and Arbor equipped on the center slide does not need to align arbor with cutting tool even if coil diameter is changed. Center slide position can be managed with setup record unit (option).
- No need to remove and reinstall point slide when changing winding direction.
- Program screen consists of all-axis always displayed and other cells movable by vertical scroll. Program flow and each axis operation can be recognized with one look.
- Easy programming for pitch and outside diameter individually gives easy adjustment of compression spring. With line chart, adjustment work can be recognized visually.
- For variation of conical springs, straight, and bowl shapes can be formed adjusting in multi-step up to 100-step, and desired load can be achieved easily.
- Capacitance gage sensor comes with as a standard accessory.
- Production control can be done with auto-correction and multi-functional production control screen.
- Initial tension servo and Rotary point servo are applicable to 1st point and 2nd point at the options.

MACHINE SPECIFICATIONS

Wire Diameter	0.5-1.6mm (0.02"-0.063")
	Outside Dia. ϕ 50mm
	D/d Index 4 or more
Feed Axis	Resolution 0.001mm
	Max. Speed 165m/min
Cut Axis Resolution	0.001°
Wedge-Pitch Axis Resolution	0.001mm
Point axis x 2 Resolution	0.001mm
Push-Pitch Axis Resolution	0.001mm
Arbor Axis Resolution	0.01°
Solenoid valves	4 pcs (8 pcs at Max.)
Service Air Pressure	Max. 0.5 Mpa
Power Source	3-phase AC200V, 25A
Net Weight	1,400kg
Control Device	OS Windows XP
	Max. 10-axis controllable
Display	17" TFT color LCD
External memory	USB memory
Service Temperature	0 ~ 40°C

Specifications subject to change without notice.

