



# Whitelegg

## Model HIT-8-CNC 5-axis Spring Coiling Machine



A 5-axis computer-controller machine suitable for the production of springs, including compression, tension (without loops) and rings. Exceptionally user-friendly programming, with memory storage for up to 150 springs. Automatic spring program generating feature to reduce set-up time. Servo motor control for the wire feed, diameter control, cutting and pitch slide and the horizontal pitch slide.

Spring Manufacturing Equipment



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## Specification:

Wire range:	0.1 – 0.8mm
Max. OD:	20mm
Feed length:	Unlimited
Production speed:	800 springs per minute maximum
Axis resolution:	
Camshaft:	Minimum: 0.1 ° Maximum: 359.9°
Wire feed:	Minimum: 0.1 / 0.01mm Maximum: 9999.9 / 999.99mm
Voltage:	400 volts 50hz 3 phase 20 A
Dimensions:	126 x 118 x 154cm (unpacked) 200 x 130 x 175cm (packed)
Weight:	420kg (unpacked) 590kg (packed)

## Standard features:

Vertical and rotating cut-off for left and right-hand springs  
Touch probe circuit (excludes probe assembly)  
Full set of tooling to cover wire range  
Retractable mandrel assembly  
60kg Powered coilholder  
Toolbox with spanners, Allen keys etc

## Options:

Spring length gauges: Traditional capacitance probe type, or digital camera type  
With automatic length correction and sorting  
Touch or laser probes to control length (do not adjust length)

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