

PNS-55 Fully Automatic Bobbinless Coil Winding Machine

The PNS-55 replaces the older PNS-50L model coil winding machine. The PNS-55 is an upgraded version and are multi-featured including the axial positioning function.

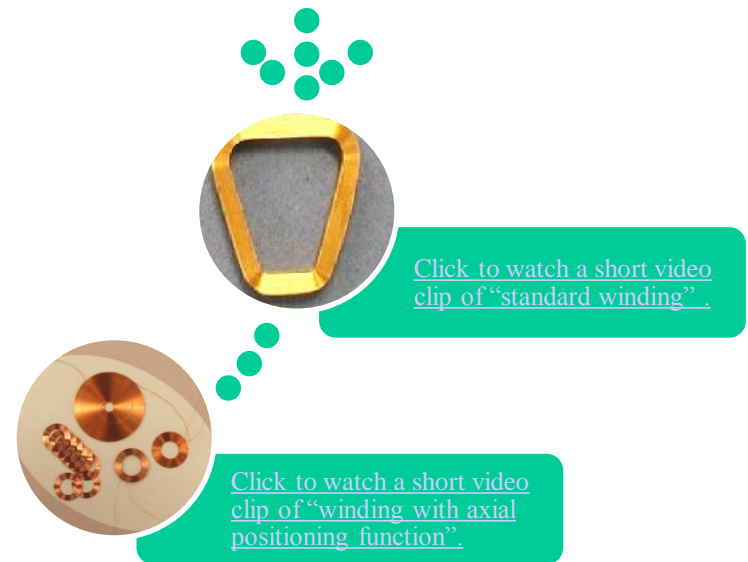
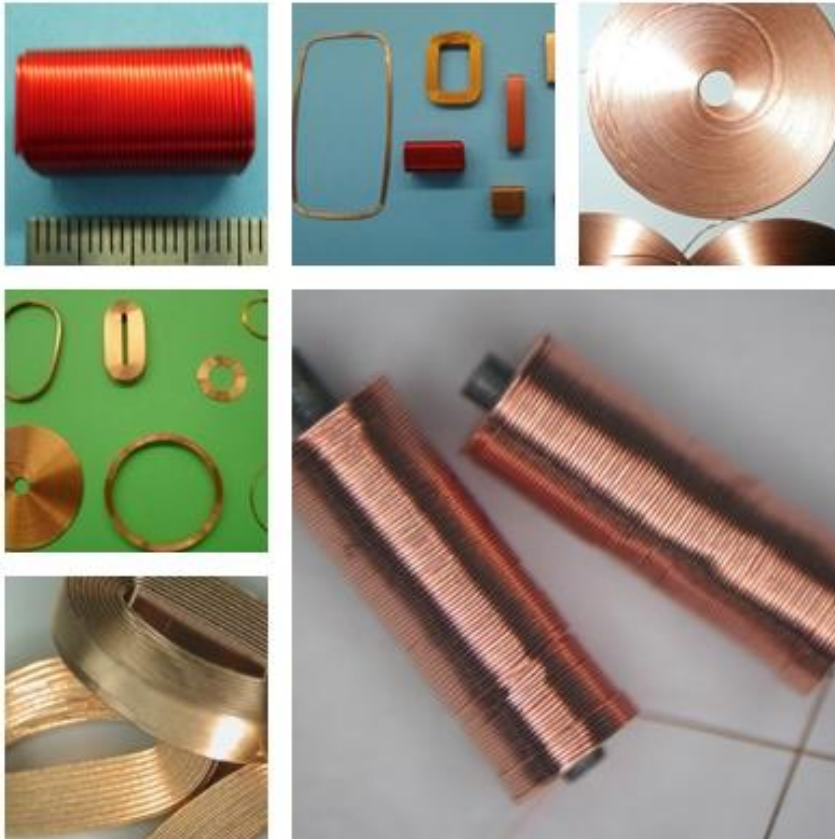
The PNS-55 is a much more capable version with ability to be slightly modified to use heavier wire gauge and bigger winding diameter.



PNS-55 Specifications

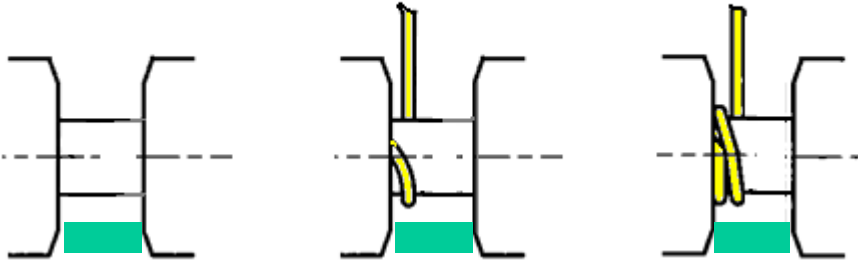
Wire Diameter	:	0.02 ~ 0.25 mm
Coil Winding Diameter	:	0 ~ 32 mm
Coil Winding Width	:	0 ~ 20 mm
Traverse Width Resolution	:	0.001
Traverse Pitch	:	0.00 ~ 0.50 mm
Traverse Pitch Resolution	:	0.0001 mm
Winding Width Resolution	:	0.001 mm
Main Motor	:	200W AC Servo Motor
Traverse Motor	:	100W AC Servo Motor
Coil Width Control Motor	:	200W AC Servo Motor
Traverse Motor	:	2 Phase Stepping Motor
Maximum Spindle Speed	:	3000 rpm
Spindle Angle Control	:	1 Degree Angle
Memory Capacity	:	254 Pages
Method of Bonding	:	Hot Air
Power Source	:	AC 200V ~ 230V
Air Source	:	0.5Mpa (75PSI)
Dimension	:	810W x 480D x 1665H mm
Weight	:	165 kilograms (approximate)

WINDING FEATURES - FUNCTIONS

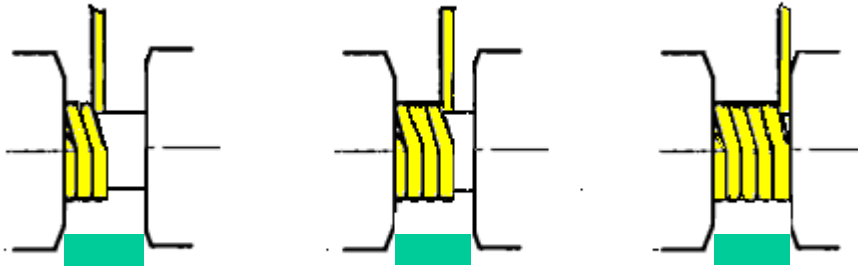


※ The machine shown on this video clip is the PNS-55 and uses an oversized headstock tooling to attain a longer length lead wires.

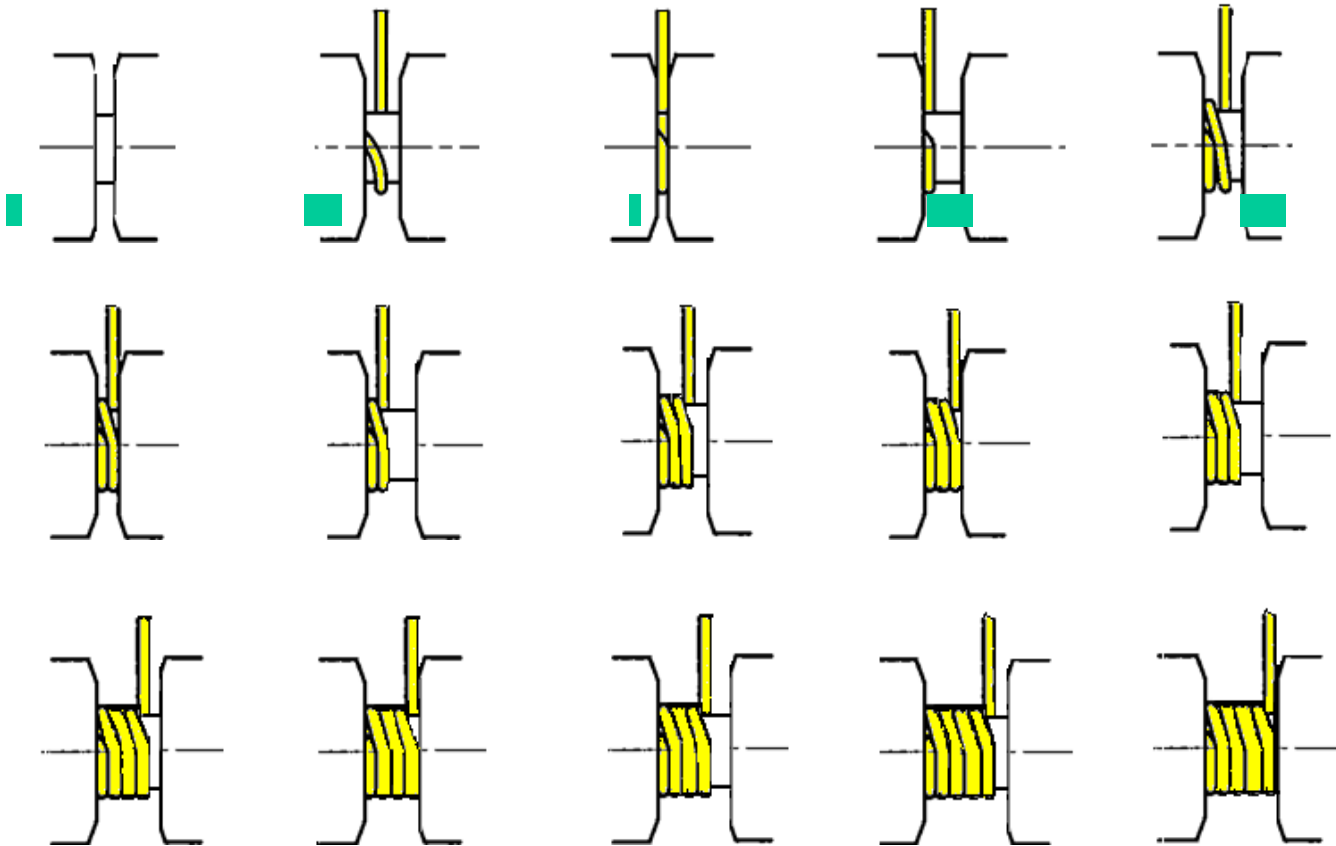
representation of a **standard winding** for a coil having five (5) turns in one (1) layer



 = coil width of 5 turns



representation of a **winding with axial positioning function** for a coil having five (5) turns in one (1) layer



PNS-55

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※ The machine shown on this video clip is the PNS-55 and uses standard sized tooling.

end

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