



GREWIN INDUSTRIAL GROUP CO.,LTD.

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NAME: GW670-150M Semi-Auto Core Winder



About Machine :

The Semi-Auto core winder for producing of step core, rectangular core, toroidal core made from grain oriented steel or non-oriented steel for small transformers, transmitters, instrument and voltage transformers, chokes and variable voltage transformers. The machine with the highest quality components and materials, and through the application of an advanced design, very significant economies are provided in low running costs, easy operation and low maintenance.

The machine is equipped with the latest Panasonic PLC system and WEINVIEW touch screen to control the decoiler and core winder. The decoiler feeds the materials to core winder, the material through the guider unit, tension unit, then manually take the material into the slot on the mandrel, and then the motor drive the mandrel to wind materials into core, then manually welds the end layer for the core, at last, take out the core with mandrel together

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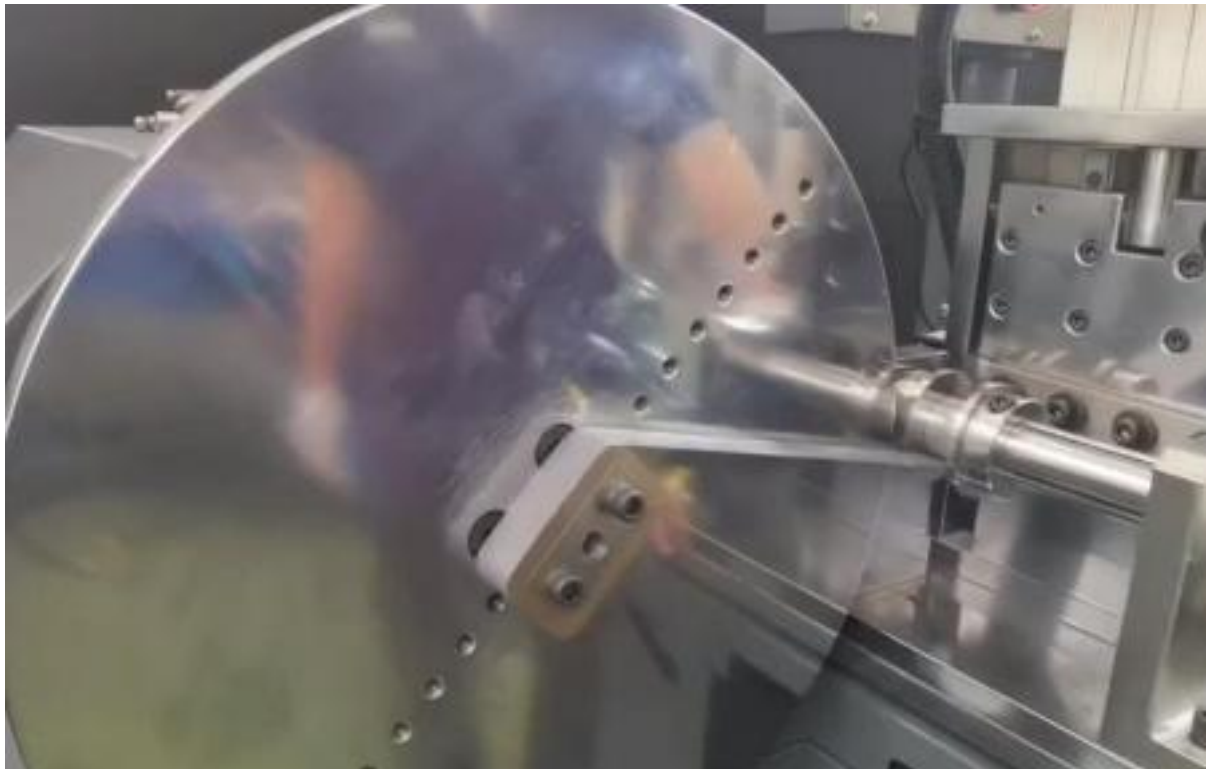
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Main Features:

- Easy feeding, automatic winding and manually welding.
- Rectangular cores, step cores, toroidal cores and other type cores can be produced.
- PLC system and HMI touch screen to control the motor, moving parts and pneumatic components.
- Input the parameter of core on the touch screen to produce the core.
- The tension could be adjusted and the turn number of core also could be adjusted.



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SPECIFICATION:

A) Semi-Auto Core Winder(GW670-150M)

Shape	Toroidal cores, Rectangular cores, Step cores,
Mandrel Diameter Range	Ø50- Ø400mm (Diagonal Line)
Core ID (Min)	Ø50 (Diagonal Line)
Core OD(Max)	Ø500mm (Diagonal Line)
Material Width	10-150mm
Material Thickness	0.18-0.5mm
Accuracy	< 0.3mm
Voltage	380VAC, 3Phase,50/60Hz or Optional
PLC	Panasonic
HMI	Weinview
Air pressure	6kgf/cm ²
Power	6KW
Machine Size (LxWxH)	2500x1100x1300mm
Machine Weight	1550KG
Interface Language	English/Chinese

B) High Speed Decoiler

Expansion	Manual
Max. Coils OD	1000mm
Expand Range ID	450-508mm (Standard)
Max. Coils Loading	1000kg
Max. Feeding Speed	150m/min
Size (LxWxH)	1500x750x1410mm
Weight	850KG

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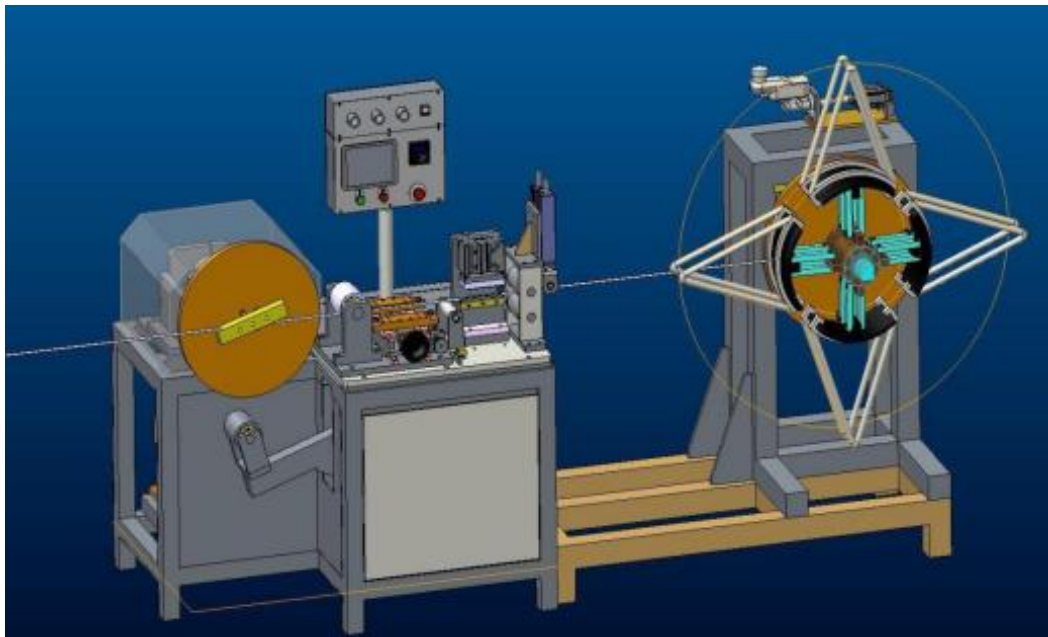


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List of components:

No.	Parts name	Quantity	Origin
1	Panasonic FP Series high performance control system	1	Japan
2	Taiwan WEINVIEW 7 inch touch screen	1	China
3	Taiwan AirTAC pneumatic components (Cylinder,Filter,Solenoid valves)	-	China
4	Tension Unit with friction components	1	Germany
5	All bearings from Japanese NSK/KOYO	-	Japan
6	Korean Autonics metal sensors and origin sensors	-	China
7	Taiwan CHEEMING 3.7KWgear motor and reducer.(for core winder)	1	China
8	Taiwan CHEEMING 3.7KWgear motor and reducer.(for decoiler)	1	China
9	Panasonic 5.5KW inverter (for decoiler and core winder)	2	China
10	Components in control cabinet (Mitsubishi, Schneider, Siemens)	-	China
11	Germany Siemens buttons and emergence buttons	3	China
12	Operation software	-	China

GW670-150M Machine Photo:



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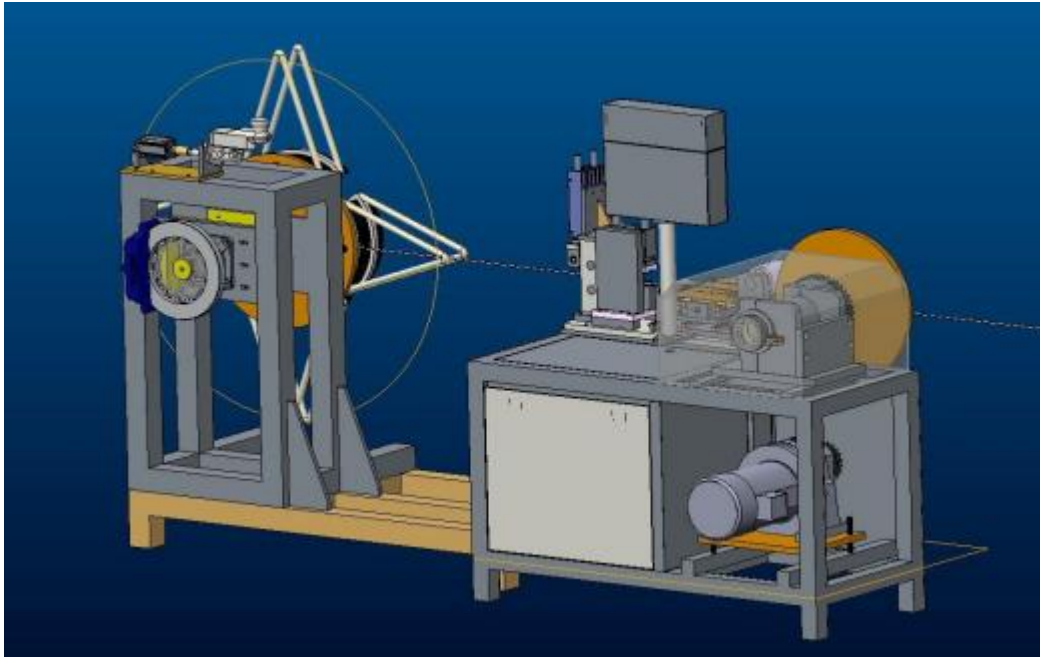
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Rectangular Cores Photos:



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PACKAGING:

Packaging Material: Carton/Wooden case with foam inside.

- 1.General package(Paper carton or plastic bag): For small equipped parts for Digital CNC Wire Coil Winding Machine, Package it with form and pack paper to guarantee unbroken during the transport.
2. Wooden case package: For larger scale Digital CNC Wire Coil Winding Machine ,we have special skilled carpenter, who would make the proper wooden case with exact thickness,density,length.
3. The up arrow ↑marked on the outer wooden case. Buffer material would be put in the wooden case to prevent crack and shock.

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FACTORY:

We-GREWIN INDUSTRIAL GROUP is expert in winding machines lines for 28Years. Our Grewin have ISO9001:2015,CE approvals,Machines'Patents,"high-tech enterprises"by the government.



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