



Power Transformer Winding Machine Automatic Fully High Voltage

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: JC
- Certification: SGS CE,UL
- Model Number: 90Q0
- Minimum Order Quantity: 1 pcs
- Price: consult
- Packaging Details: Export standard packaging
- Delivery Time: 5 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 100pcs/month



Product Specification

- Product Name: Transformer Winding Machine
- Wire Feeding Tolerance: $\pm 0.1\text{mm}$
- Wire Range: 0.2-2.0mm
- Rated Power: 2.2KW
- Weight: 1200KG
- Winding Mode: Manual, Semi-Automatic, Automatic
- Winding Pitch: 0-99.9mm
- Winding Speed: 0-500r/min
- Highlight: automatic winding machine, fully automatic winding machine, winding machine automatic



More Images



Product Description

High Voltage Automatic Winding Machine for 630KV Oil Transformer Coils with Intelligent High Pressure

Basic Info.

Model NO.	JC-800
Model/Parameter	Jc-800
Outer Diameter of Wire Coil	< 600mm
Purpose	Suitable for Winding Circular
Transport Package	Wooden
Specification	900*900*900
Trademark	JC
Origin	China
HS Code	847981100
Production Capacity	60000PCS/Year

Product Description

Purpose:

This equipment is suitable for winding circular, elliptical, oblong, rectangular power transformers, transformers, reactances. The control part of the device coil adopts a PLC and servo motor system, which has a high level of automation and is particularly suitable for the winding production of amorphous high-voltage coils. Model/Parameter: JC-800

Outer diameter of wire coil: $\leq 600\text{mm}$

Axial height of coil: $\leq 800\text{mm}$

Coil form: circular, oblong, elliptical, rectangular

Wire specification: enameled wire($\Phi 0.3$ to $\Phi 4\text{mm}$), flat wire $\leq 3 \times 12\text{mm}$

Payoff rack: double ended flat wire and a set of round wires

Payoff frame material bearing shaft: $\Phi 36 \times 450\text{mm}$

Winding speed: 0-280r/min

Total power: 5KW

The High Voltage Automatic Winding Machine for 630KV Oil Transformer Coils with Intelligent High Pressure is a specialized piece of equipment designed for the precise and efficient winding of coils used in 630KV oil transformers. It incorporates advanced features and technologies to meet the specific requirements of high-voltage applications. Here are some key aspects of this machine:

High Voltage Capability: The machine is designed specifically for winding coils used in 630KV oil transformers, indicating its ability to handle high-voltage applications. This ensures that the machine can handle the specific challenges and requirements associated with winding coils for high-voltage transformers.

Automatic Winding: The machine features automatic winding capabilities, which streamline the winding process and reduce the need for manual intervention. It employs advanced automation systems, such as programmable logic controllers (PLCs) and computer numerical control (CNC), to control and optimize the winding operations. This automation helps improve efficiency and ensures consistent and precise winding results.

Intelligent High-Pressure System: The machine incorporates an intelligent high-pressure system, which suggests the presence of advanced pressure control mechanisms. This feature ensures the proper compression and consolidation of the winding materials, which is crucial for the integrity and performance of the coils. The intelligent control system monitors and adjusts the pressure parameters as needed, optimizing the winding process.

Precision and Accuracy: The high-voltage automatic winding machine is designed to achieve precise and accurate winding of coils. It employs high-precision servo motors and motion control systems to ensure precise positioning and tension control of the winding wire. This level of precision is essential for meeting the stringent requirements of high-voltage applications.

Customizable Parameters: The machine offers flexibility in terms of customizable parameters. This includes adjustable wire tension, winding speed, layering patterns, and turn count. The ability to customize these parameters allows for the production of coils with different specifications and dimensions to meet specific transformer requirements.

User-Friendly Interface: The machine features a user-friendly interface that allows operators to input and control the winding parameters easily. The interface provides clear visualization of the winding process, status, and alarms, facilitating efficient and convenient operation.

Overall, the High Voltage Automatic Winding Machine for 630KV Oil Transformer Coils with Intelligent High Pressure is designed to meet the demanding requirements of high-voltage transformer coil winding. Its automatic and intelligent features, along with precise control and customization options, contribute to improved efficiency, quality, and performance of the wound coils.

设备功能特点

- 1、功能：该设备适用于315KVA——2500KVA三角立体卷铁芯干变线圈绕制。
2、特点：此设备的绕制效率是同类设备的3倍，已申报发明专利。

Functions and features of equipment

- 1.Function:The equipment is applicable to 315KVA——2500KVA triangular tridimensional toroidal-core coils.
2.Characteristics: the winding efficiency of such unit is 3 times of that of like products, and it has been filed with patent of invention.

主要技术参数

- 1、线圈形式：圆形
2、导线规格：漆包线(Φ0.3mm~Φ4mm); 扁线≤3×12mm
3、齿轮模数：4模50齿
4、卷绕速度：0~125 r/min
5、总功率：18KW
6、外形尺寸：长6500mm×宽3800mm×高1600mm

Main Technical Parameter:

- 1.Coil type: round
2.Lead specification: enameled wire(Φ0.3mm~Φ4mm), flat wire≤3×12mm
3.transmission gear: 4 module50 gear
4.Winding speed: 0~125 r/min
5.Total power: 18KW
6.Boundary dimension:length 6500mm×width 3800mm×height 1600mm

DHR-5-2500型三角立体卷铁芯双头卧绕机配置、配件明细

Configuration and parts lists forDHR-5-2500 model, tridimensional toroidal-core double-end horizontal winding machine

序号 SN	名 称 Name	单位 Unit	数量 Quantity	备 注 Remarks
1	三角立体卷铁芯卷绕主机 Host machine for winding triangular tridimensional toroidal-core winding	套 (Set)	2	
2	三角立体卷铁芯夹持架 Clamping frame of triangular tridimensional toroidal-core	套 (Set)	1	轴Φ50 (Spindle)
3	PLC控制系统（人机界面） PLC Control system (human-computer interface)	套 (Set)	2	
4	电气柜 Electrical cabinet	只 (only)	2	
5	铁芯旋转系统 Core spinning system	套 (Set)	1	

DHZR-2500型三角立体卷铁芯双头卧绕机主要部件来源

Sources for main components of DHZR-2500 model, tridimensional toroidal-core double-end horizontal winding machine

直线导轨：台湾上银 滚珠丝杆：台湾上银 PLC：台湾台达

触摸屏：台湾威纶 变频器：海浦蒙特

Linear guide-way: Hiwin of Taiwan Ball screw: Hiwin of Taiwan PLC: Taida of Taiwan
Touch screen: Weinview of Taiwan Frequency converter: Hpmont







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