JINKANG PRECISION MECHANISM

COMPANY PROFILE · MOTOR MANUFACTURING EQUIPMENT · CHANGZHOU, JIANGSU

COMPANY INTRODUCTION

Changzhou New District JinKang Precision Mechanism Co., Ltd. is a high-tech key enterprise specializing in the design, manufacture and sale of motor manufacturing equipment in China.

The company is recognized as a High and New Technology Enterprise of Jiangsu Province and holds an AAA credit grade.

COMPANY OVERVIEW

JinKang is located in the Yangtze River Delta, a well-developed and dynamic economic region between **Shanghai** in the east and **Nanjing** in the west, close to the Changzhou Entrance of the Shanghai–Nanjing Expressway.

R&D, production, sales and after-sales service are integrated under one roof, enabling fast response and dependable support for customers at home and abroad.

AAA	ISO 9001	4	Changzhou
CREDIT GRADE	QUALITY CERTIFIED · 2008	CORE MACHINE RANGES	MFG. BASE · JIANGSU, CHINA

QUALITY & INNOVATION

JinKang passed ISO 9001:2000 Quality Management System certification in 2008. Keeping the customer and the market at the center, the company continually improves its management approach, strengthens its technological innovation capability and invests in research and development. Our commitment: **better products, consistent service and reliable delivery for every customer.**

KEY CAPABILITIES UNDER ONE ROOF

1. Coil winding machines
2. Slot insulation machines
3. Coil inserting machines
4. Pre-forming (coil forming) machines
5. Complete stator production line solutions
6. Custom solutions, spare parts & after-sales service

Design, manufacture and service for the complete stator production process — from coil winding to final forming.

JINKANG PRECISION MECHANISM

PRODUCT RANGE · WINDING · INSULATION · INSERTING · PRE-FORMING

COIL WINDING MACHINE

Used in the first process of motor stator production. Under CNC/PLC control, the machine synchronizes the winding main shaft, transfer cup indexing shaft and dip-mould shaft, and winds various types of enamelled copper wire. JinKang supplies filament, ceiling fan, copper wire, armature, fan and motor stator winding machines, as well as complete motor production line solutions tailored to customer needs.

WR01 Horizontal coil winding machine | NR04 Automatic Stator inslot winding | LR10 Auto Stator inslot winding machine (four- | RX92 coil winding and inserting machine | RX33 Auto coil winding machine(double-station/

RX02L Auto coil winding | RX51C Rotor coil winding | RX04 Auto coil winding machine(eight-station) | RX54 Stator coil winding | BR01 Automatic corrugated winding

RX01 Semi-auto coil winding machine | RX02 Auto coil winding machine (double- | RX03 Auto Coil winding machine (four-station) | RX05 Rotor coil winding machine (double- | RX06 Automatic stator inslot winding machine

SLOT INSULATION MACHINE

The machine synchronizes the main shaft and stator indexing shaft through a PLC control system. It cuts, forms and inserts insulation paper into the slots of all kinds of motor stators, isolating the stator slots from the motor windings.

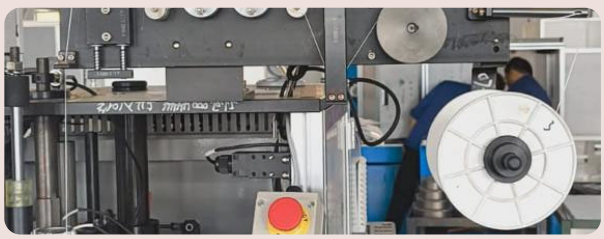
CZ23 Slot insulation machine | CZ05 Slot insulation machine(horizontal/ | CZ02 Slot insulation machine(single slot | CZ06 Slot insulation machine(multi-slot | CZ07 Slot insulation machine (air blower)

CZ11 Slot insulation machine (horizontal/ | CZ50 Rotor slot insulation machine

COIL INSERTING MACHINE

PLC-controlled synchronization of the inserting main shaft, wedge paper feeding shaft and wedge magazine indexing shaft, with an intelligent human–machine interface. It inserts enamelled wire coils, cuts and forms slot wedges and inserts them into the stator slots, completing single- or multi-phase coil and wedge insertion in one step.

PRE-FORMING MACHINE



Used in the preparation stage of two-stage coil insertion. After the first coil insertion, the expanding blades of the tooling spread the coils covering the slots, freeing slot space for the second or third coil insertion.

JINKANG PRECISION MECHANISM

PLANT & EQUIPMENT · TECHNOLOGY · CUSTOMER VISIT · CONTACT

PLANT & EQUIPMENT

Production Floor

Automated Conveyor Line

Wound Stators

Winding Test Station

TECHNOLOGY & KNOWLEDGE AREAS

- Start-up precautions for winders
- Continuous improvement of slot insulation machine technology
- Correct use and routine maintenance of coil winding machines
- Debugging methods for automatic coil winding machines
- Failure analysis of automatic coil winding machines with imported SKF bearings
- Lubrication of coil winding machines
- Classification of automatic winding machines
- Setting methods for automatic coil winding machines
- Key points in coil winding machine design and R&D

CUSTOMER VISIT

Welcoming Mr. Siddharth K. Desai and the HEM Industries team.

A valuable visit to JinKang Precision Mechanism Co. to explore advanced manufacturing technologies, production processes and engineering capabilities.

OUR COMMITMENT TO QUALITY

- Reliable, high-quality equipment
- Fast delivery of machines and spare parts
- Customized solutions
- Integrated R&D, production and service
- ISO 9001 quality management

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