



LONGCHI DIANJI

ABOUT US



# 龙驰电机 Longchi Motor

FOCUS ON QUALITY SERVICE TO CUSTOMERS



## MORE THAN 20 YEARS OF CONTINUOUS GROWTH

### SHANDONG LONGCHI ELECTRIC MOTOR MANUFACTURING CO., LTD

Since its **establishment in 2002**, the company has always been rooted in the field of motor manufacturing, and has been growing and expanding. The company is located in Linqing City, Shandong Province, where the transportation is convenient and the industrial resources are rich, providing a unique geographical advantage for the development of the company.



## FOCUSING ON PRODUCTS AND IMPROVING QUALITY

Longchi specializes in the research, development, production and sales of **three-phase asynchronous motors, explosion-proof motors, brake motors, cutting motors, drilling and milling motors, high-speed spindles, asynchronous and synchronous permanent magnet motors** and other electromechanical products. The products are widely used in metallurgy, mining, machinery, light industry, chemical industry, construction, hydraulics, fans, agricultural products processing and other fields, with excellent performance and reliable quality, won the high recognition of the market.



## RESEARCH AND DEVELOPMENT OF TECHNOLOGY FOR HIGHER EFFICIENCY

The company has introduced the world's **leading production equipment and automated production lines**, such as **high-precision CNC machining centers, automated assembly lines, intelligent testing equipment**, etc., to ensure the high precision and quality of the products. These advanced equipments not only **improve the production efficiency, but also effectively reduce the production cost**, so that the company can occupy an advantageous position in the market competition.

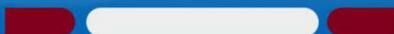


## CONTINUOUS DEVELOPMENT, PROFESSIONAL EXCELLENCE

The company **covers an area of 20,000 square meters**, with modern standard workshops and advanced production facilities. At present, the company has a **total of more than 220 employees**, covering **R & D, design, production, sales, after-sales** and other professional areas, forming a highly efficient and **professional** team.

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## QUALITY MANAGEMENT SYSTEM

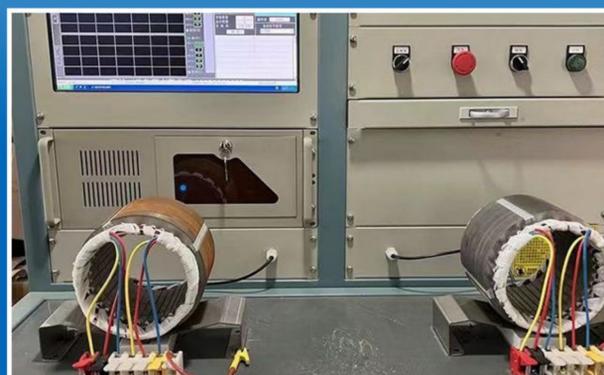
The company has always regarded product quality as the lifeblood of the enterprise, and has established a perfect quality management system, which operates **strictly according to ISO9001 quality management standards**. From raw material inspection, production process control to finished product inspection, each step of the process has **set up strict quality standards and operation norms** to ensure the stability and reliability of product quality.

With excellent product quality and perfect quality management system, the company's products have obtained **3C certification, CE certification, UL certification** and a number of industry honors. We have been certified as "National High-tech Enterprise" and "Industry Quality Gold Award". These certifications and honors not only highly recognized the quality of the company's products, but also further enhance the company's brand image and market competitiveness.



## QUALITY SERVICE, WORRY-FREE

The company adheres to the **"customer-centered"** service concept, to provide customers with a **full range of all-in-one quality services**. In the pre-sale stage, the professional sales team will deeply understand customer needs, provide customers with personalized solutions and product selection suggestions; in the sale stage, the company will strictly follow the contract requirements to ensure that the products are delivered on time, in accordance with the quality and quantity; in the after-sale stage, the company has established a complete after-sales service network, with a professional after-sales team, at any time to provide customers with technical support, maintenance, parts replacement and other services, **to ensure that customers have no worries in the process of using the company's products**.



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FOCUS ON QUALITY SERVICE TO CUSTOMERS

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## MAIN PRODUCTS



FOCUSING ON PRODUCTS, ONLY TO PROVIDE  
YOU WITH BETTER SERVICE



Cutting motor



Drilling and  
milling motor



Three-phase  
asynchronous motor



Explosion-proof motor



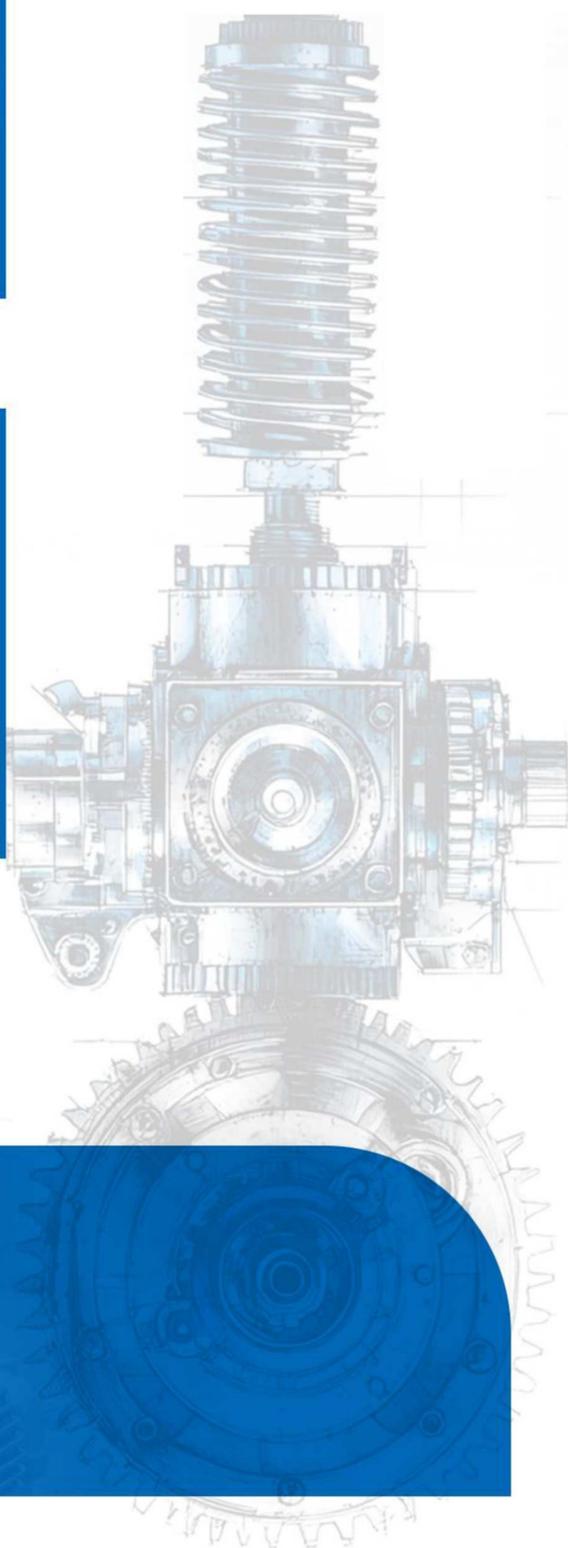
Brake motor



Frequency converter

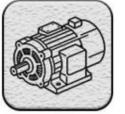


Pig-nose motor



**PRODUCT  
NAME**

# Cutting motor



PRODUCT  
PARAMETERS

**Cutting and grinding motor**  
**Wood Metal Stone**  
**Supports speed regulation 220V-380V**



Plug and play

No need for frequency conversion

All copper coil

Dustproof and waterproof



Holds a variety of grinding and clamping tools - on demand



**Milling cutter**  
Clamped forming cutter  
Can be slotted forming



**Grinding wheel**  
For clamping the grinding wheel  
Can be ground and polished



**Saw blade**  
Used for clamping the saw blade  
For sawing and slotting



**Diamond grinding wheel**  
Clamping grinding wheel blades  
Can be ground and polished

## Supports

Non-standard customization>>>

WE SUPPORT CUSTOMIZED NON-STANDARD SHAFT HEADS PRECISION MANUFACTURING,SAMPLE CUSTOMIZATION

## Application scope

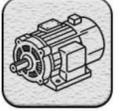
SUITABLE FOR VARIOUS MATERIALS—UTTING,POLISHING,GROOVING,TURNING, BORING,DRILLING AND MILLING,CARVING AND OTHER FIELDS.



**PRODUCT NAME**

**Drilling and milling motor**

**PRODUCT PARAMETERS**



- Quality Assurance
- After-sales Worry-free
- Source Manufacturer
- Support Customization
- Low Noise
- Low Vibration
- Fast Speed
- High Efficiency

**High Precision Collet Nut**

The shaft ends are roughly ground and heat treated, and the ER collets and motors are dynamically balanced for better balance and accuracy, and the ER25 can clamp 2-16mm collets.



**APPLICATION AREA**



**SLICING**



**DRILL**



**POLISHING**



**CARVING AND MILLING**



**GRINDING**



**POLISH**

Support Customization

Low Noise

Low Vibration

Fast Speed

High Efficiency

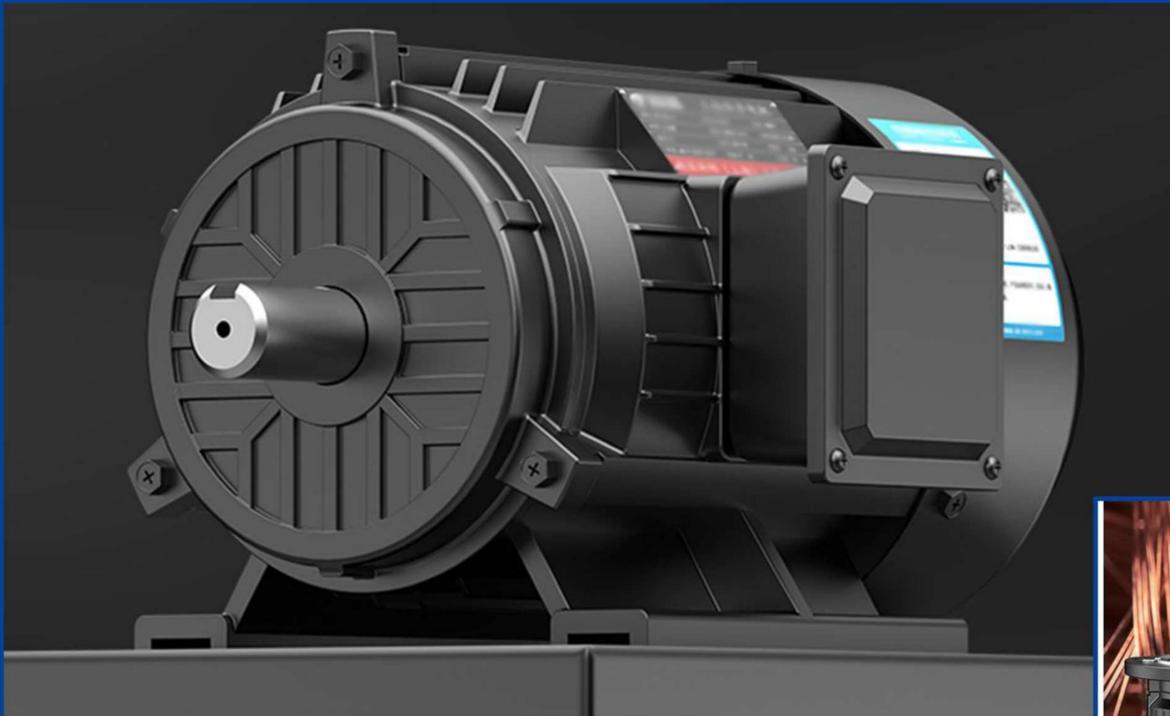
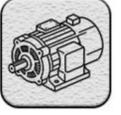
Suitable for processing machine tools such as turning, cutting, lining, grinding, drilling, milling, pulling, boring, chipping and other machinery.

Add a variety of drill bits, applicable to a variety of machines, processing a variety of materials, such as: aluminum, wood, metal, glass, cast iron, stone, etc.

IT'S NOT JUST A COLD MACHINE  
WE ARE PARTNERS WHO  
PRIORITIZE RELIABLE  
PERFORMANCE TO REDUCE  
WORKLOAD

**PRODUCT  
NAME**

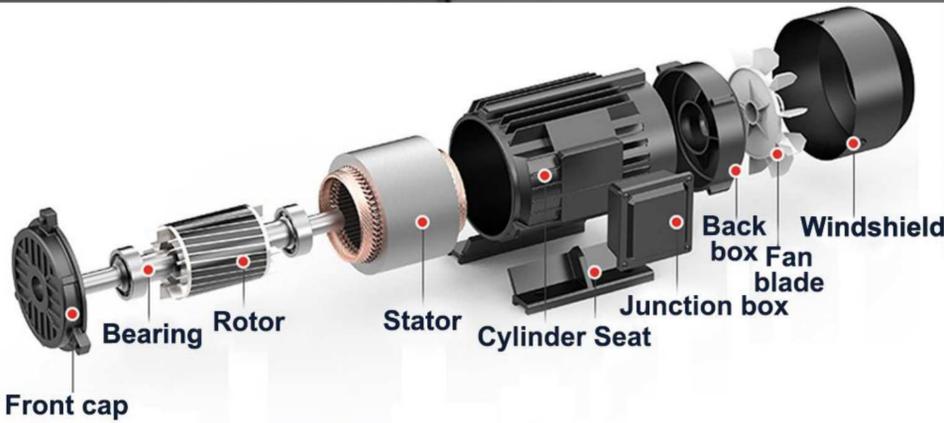
**Three-phase asynchronous motor**



Make only cold rolled silicon steel sheet

Make only international large slot coils

Make only brand-new full-copper motors



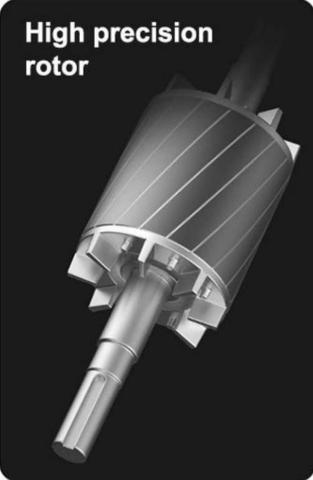
**FOCUS ON QUALITY,  
SEVEN ADVANTAGES**



High-power all-copper core motor



High precision rotor



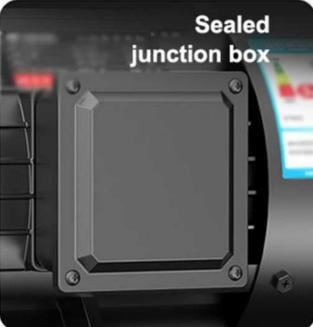
Cold rolled silicon steel sheet



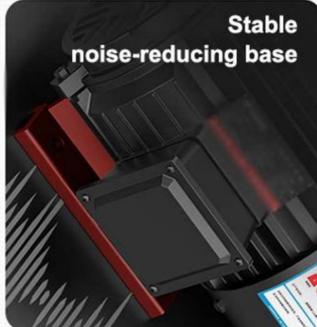
High precision bearing



Sealed junction box



Stable noise-reducing base



All-in-one forming Thickened cast iron body



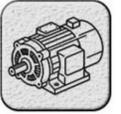
**B3/B5/B35  
Installation  
method**

Three-phase asynchronous motor



- Stable base for effective noise reduction
- Good heat dissipation and long-lasting use
- Cast iron body, energy efficient and corrosion resistant
- All-in-one forming
- Strong power to improve work efficiency

# Explosion-proof motor



## PRODUCT PARAMETERS



**ALL COPPERTUBE**



**IP55 PROTECTION  
LEVEL**



**SECONDARY  
ENERGY  
CONSUMPTION**



**THICKENED  
EXPLOSION  
PROOF SHELL**



**FACTORY  
INSPECTION**



**STABLE  
PERFORMANCE**



### Explosion-proof terminal blocks

Not easy to generate sparks, static electricity, safety is guaranteed

### Production safety cannot be ignored

Explosion-proof junction box designed to resist internal explosive pressure and eliminate safety hazards caused by static electricity.

### Thickened casing to withstand internal blast pressure

The housing is the core component of the motor and is made of thick material to meet the warranty.

### Easy replacement of old motors

4 mounting holes, uniform diagonal hole spacing, standard shaft diameters, unified standard with YE3

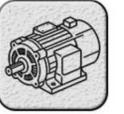


Customer site picture



**PRODUCT  
NAME**

# Brake motor



INTERNATIONAL MOTORS

COPPER-CORE COILS

STANDARD SIZES

HIGH-QUALITY ROTORS

HIGH-QUALITY STEEL PLATES

FINE-WORKED BEARINGS



## Autonomous installation choices

THREE-PHASE  
HORIZONTAL



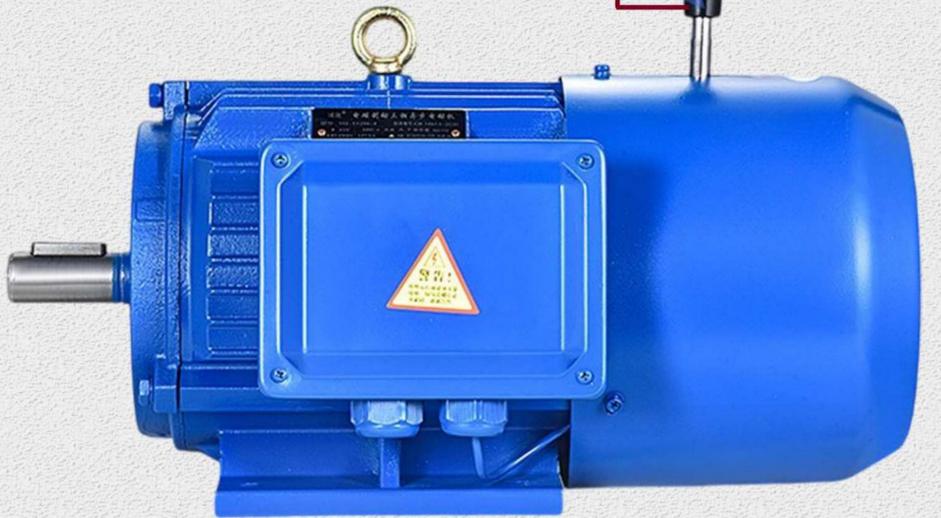
THREE-PHASE  
VERTICAL



THREE-PHASE  
VERTICAL  
HORIZONTAL



**The role of the handle**  
When power failure pull the  
handbrake, holding brake  
open, manual release



Woodworking  
machinery



Logistics automation



Mixers



Machine tool



Metallurgy



Chemical industry



Machinery and  
equipment



Textile industry

**Handles a variety of scenarios with ease**  
Wide range of applications and powerful functions

**PRODUCT NAME**

# Frequency converter



Drop resistant



Corrosion resistant



Aging resistant

## High performance heavy duty vector frequency converter

Constant pressure water supply stability, motor fan pump speed  
 Panel can be removed and installed, suitable for 90% of the motor  
 After-sales technical guidance, multiple function protection

### Applicable equipment & scenario

- Injection molding machine load
- Ball crusher
- Crusher load
- Punching machine
- Wastewater treatment load
- Fans Rolling mill
- Mixer
- Wire drawing machine



- ① Display frequency
- ② Display of current and voltage
- ③ 0-500Hz stepless speed regulation
- ④ Menu
- ⑤ Confirm
- ⑥ Up/Down
- ⑦ Multi-function selection
- ⑧ Shift
- ⑨ Run
- ⑩ Stop

**PRODUCT NAME**

# Pig-nose motor

**PRODUCT APPLICATION SCENE REAL SHOT**



Connecting the pig nose finished twice  
 Guaranteed concentricity, low noise  
 Details highlight quality  
 High strength AO tensile aluminum housing



Multi-head multi-spindle hinge drill



Screen window handle drilling machine



Door lock hole opening machine



Single head hinge drill



FOCUS ON QUALITY SERVICE TO CUSTOMERS



# LONGCHI DIANJI

CRAFTSMANSHIP FORGES QUALITY, POWER DRIVES THE FUTURE  
LET EVERY MOTOR SHINE WITH INNOVATION AND RESPONSIBILITY!



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