



Kaifull profile

Offer the leading motion control solution

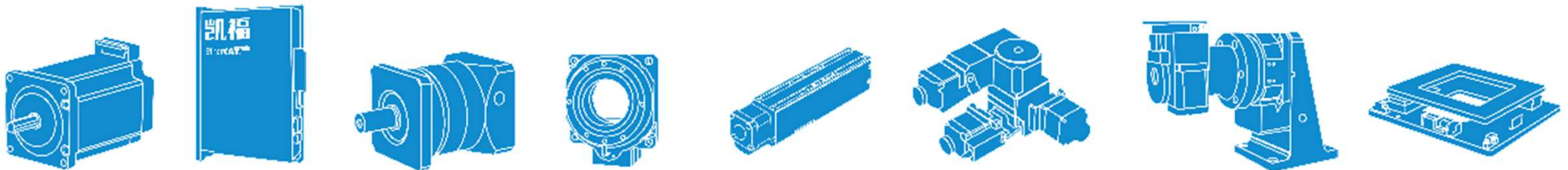
<http://www.kaifull-motor.com>



Offer the leading motion control solution

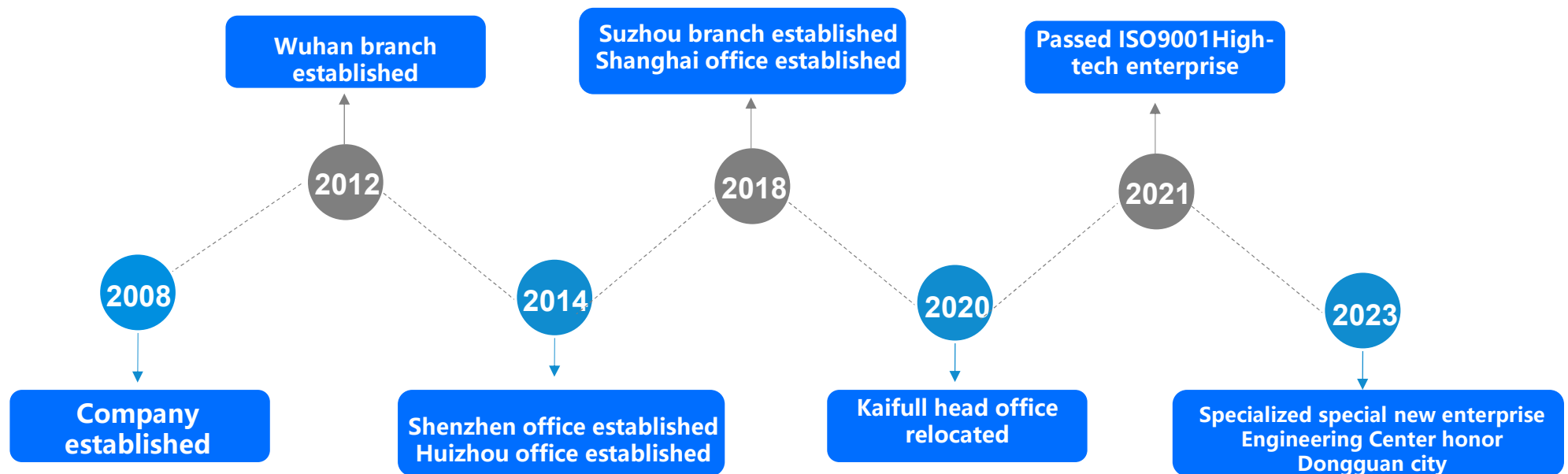


- **Guangdong Kaifull Electronic Technology Co., LTD., founded in 2008 with a registered capital of 30 million, is a high-tech enterprise committed to the research and development, production and sales of high-quality motion control products.**
- With 16 years experience, Kaifull has its own brand "KAIFull", "YARAK", the products cover stepper motor drive system, servo motor drive system, brush motor drive system, precision fine-tuning table, alignment platform, linear motor module, reducer, hollow rotating platform and other operation control products, widely used in 3C electronics, medical devices, semiconductors, photovoltaic, lithium Electricity and other industries.



KF MOTOR

History



Clients' recognition

- National high-tech enterprises
- Customer Satisfaction Brand Award
- Graduate workstation
- Dongguan Engineering Center
- Dongguan special new enterprise
- Wuhan Institute of Technology, industry-university-research cooperation unit

Qualification certification

- ISO9001 quality management system certification
- CE/ROHS certification
- EtherCAT series bus stepper driver is recognized by the industry

Patent certificate

Total Patent

74

Invention
patent

4

Utility
patent

57

Appearance
patent

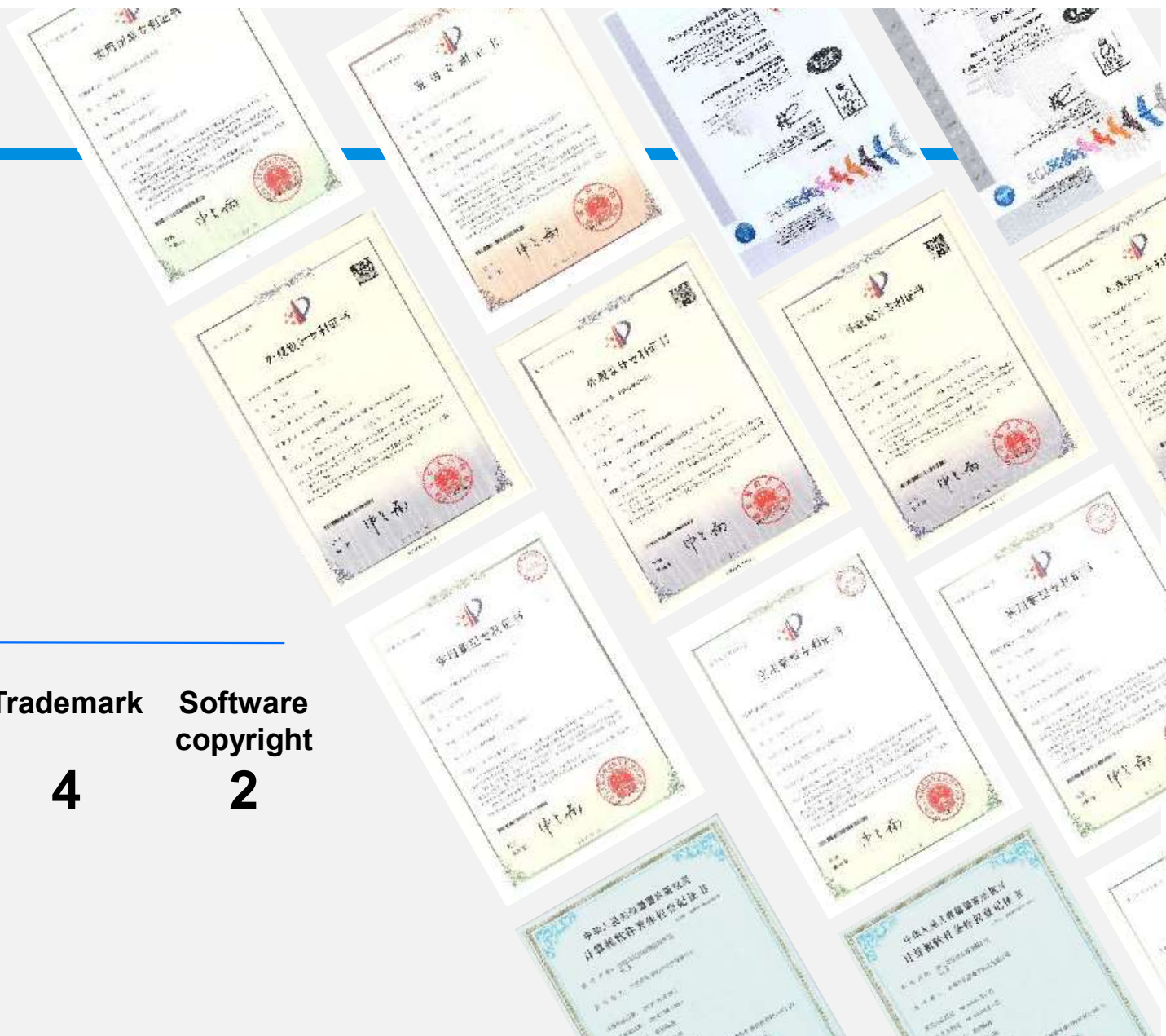
10

Trademark

4

Software
copyright

2



Some cooperative customers

PV

Goertek

舜宇光学科技(集团)有限公司
SUNNY OPTICAL TECHNOLOGY GROUP CO., LTD

LUXSHARE ICT
立讯精密

exact
S.C

Li-Poly

BYD

ATL

LEAD 先导

Lyric
libot

Semiconductor

TZTEK 天准

LENS

MAXWELL

WORLD
PRECISION

3C

HUAWEI

MI

TIANMA

BOZHON 博众

Medical

mindray 迈瑞

MEYER
美亚光电

Autobio
安图生物

DIRUI 迪瑞

KF MOTOR

R&D team



- **German Nanotec Electronics GmbH & Co.KG** Launch strategic cooperation in R&D. Kaifull R&D team led by high-level talents of HIT University of Technology, senior Taiwan experts and postdoctoral experts of Huazhong University of Science and Technology jointly research advanced motion control technology, and invest in new product development with a large amount of research and development yearly. Always adhere to **customer demand-oriented, project management** as the core of the R & D management platform, to provide customers with high-performance products.

Bus driver

Servo drive

Precision alignment stage

Linear motor

Motor mechanism



KF MOTOR

Focus on quality,
enhance the core
competitiveness of
products



Product series



Kaifull star products

产品家族

明星产品

步进驱动解决方案



脉冲型驱动器



EtherCAT驱动器



PN驱动器



集成式一体步进电机

直线运动解决方案



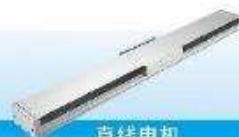
一体式微空电缸



电动微调台



XXY对位平台



直线电机

旋转运动解决方案



一体式减速电机



行星减速机



谐波减速机



中空旋转平台

KF MOTOR

Product category



Stepper system



Leadscrew stepper



Drive motor integrated system



Reducer



Hollow rotate stage



Linear motor



Alignment stage



BLDC **KF MOTOR**

Stepper motor and driver

- **Stepper motor and driver**

Kaifull stepper motor range includes hybrid stepper motors, brake stepper motors, deceleration integrated stepper motors, hollow shaft stepper motors, DC and AC to choose from. With strong distance, high response, low vibration, high precision, high durability and other characteristics, widely used in a wide range of 3C electronics, semiconductor equipment, CNC machine tools, medical equipment, laser engraving, textile printing, packaging equipment and other industries.



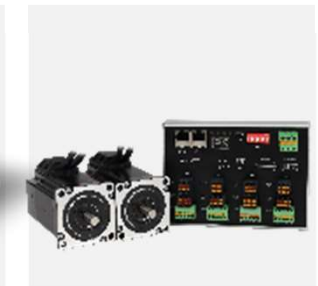
Open loop



Closed loop



Five phase



Multiaxis bus

Stepper motor series



Rotation



Lead screw stepper motor



Integrated stepper motor

Micro motion stage series

- **Micro motion stage**

Including linear, rotate, swing and lift, the track mode uses linear ball Gothic arc grooves on the upper and lower rail surfaces of the body, each composed of double solitary grooves. The steel ball moving in a single groove is a two-point contact structure, and the double arc grooves have a total of four contact points, so it constitutes a solid sliding rail structure. Transmission mode - ball screw, through the ball in the nut and screw rolling contact, its positioning accuracy and high life, with high-speed forward and reverse transmission and change transmission characteristics .



Linear



Horizontal lift



Rotate



Swing

Reducer

- **Reducer**

High precision planetary reducer is divided into straight planetary reducer and helical planetary reducer. High precision, strong rigidity, high speed ratio, small size, compact structure, flange size covers 60mm-242mm, in the sale of various series of planetary reducer into the force flange flexible match, suitable for various brands of servo motor, stepper motor, output end connection and easy installation.



Planetary reducer

Eccentric reducer



Planetary reducer



Eccentric reducer



Umbrella gear reducer

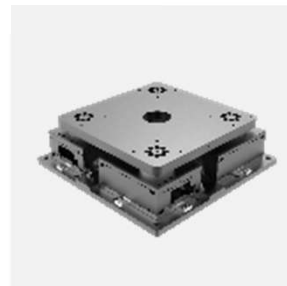


High gear reducer

Alignment stage

- **Alignment stage**

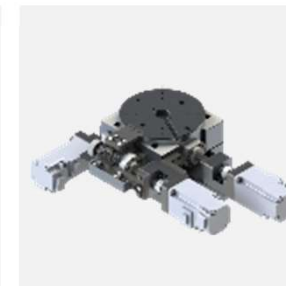
The Alignment stage is called XXY stage, which is widely used in the visual counterpoint system. Our products cover 150mm-550mm, larger size can be customized. With ultra-thin, lightweight platform - Mini modular structure design, achieve a thin and light mechanism without center seat, through special cross roller bearings applied repressure, high rigidity, high precision performance, can be used as an optical inspection device or conduction tester.



XXY G Series



XXY Series



XYR Series



XXYE Series

Hollow rotating stage

- **Hollow rotating stage**

With a unique hollow shaft structure for line, tube and other connecting parts hidden installation, high rigidity and high deceleration ratio make it with high load capacity, the combination of speed and accuracy can replace the CAM divider and DD motor. The size of the hollow shaft rotating platform flange sold by the company is mainly 60mm, 85mm, 130mm, 200mm, and the large-diameter center hole is more convenient to thread, which can be installed, side installed and inverted, and easily match the stepping motor or servo of various manufacturers.



Hollow stage



Integrated motor stage



Drive control integrated stage



AB axis module

Linear motor

- **Linear motor**

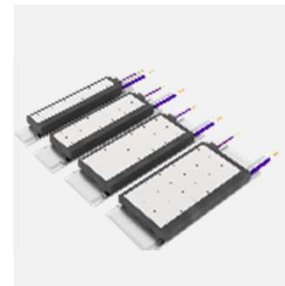
Linear motor - is a kind of direct drive motor, can effectively replace the lead screw module of advanced products, can help customers improve speed, accuracy requirements, and thereby improve equipment production capacity.

In addition, you can also perform the application of hyperreactions on a module, so that the designer is more flexible for the design space, especially in the long travel, heavy load and high-speed applications is the best solution.

Our linear products include guide rail, embedded, rod motor, voice coil motorize blade shaft, integrated XYR and XXY stand, as well as non-standard customized marble gantry, all have a complete set of solutions corresponding to various needs of customers, with a more reasonable matching and price to provide customers with the best application products



KE series



PMQ series



KUM series



Cross module series

Brushless DC Motor

- **Brushless DC Motor**

The brushless motor continuously compares the set speed with the speed feedback signal from the motor to adjust the voltage applied to the motor. The speed control range of brushless motor is wider than that of AC speed regulating motor and inverter. Because there is no torque limit at low speeds like AC speed regulating motors, brushless motors are suitable for uses that require a certain torque from low speed to high speed.



High voltage



Low voltage



Integrated

**Many years various
industrial experience,
Provide control
solutions for the
industry process
upgrade.**





Electronics industry



New energy industry



Machine tool industry



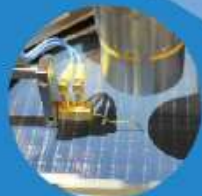
Logistics industry



Packaging industry



Medical industry



Semiconductor industry



Robot industry

Control product

Drive product

Motor product

Module product

3C electronics industry



To the small, multi-process linkage of high-speed, high-precision demand development of electronic equipment production and manufacturing, to provide accurate bus, intelligent motion control solutions to help customers improve production efficiency and reduce costs.

- **Glue dispenser**
- **Screw locking machine**
- **SMT**
- **Lithium battery stripping machine**

Semiconductor industry



In the entire chip manufacturing and sealing process, there will be a series of processing processes, the semiconductor equipment involved is mainly divided into nine categories, and the equipment with a high market share is mainly photolithography machine, etching machine, film deposition equipment, ion implantation machine, testing machine and so on.

- **Surface mounting**
- **Dispensing spraying**
- **Solidification machine**
- **Testing equipment**

Medical industry



Medical equipment includes medical imaging equipment, treatment and life support equipment, rehabilitation equipment and other diagnostic or auxiliary diagnosis and treatment products.

- Blood analyzer
- Oral equipment
- Blood oxygen pump
- CT testing equipment

Photovoltaic industry



Through high-speed, high-response servo stepper system to drive silicon wafers, batteries and components such as automated production testing, for customers to improve the entire line of new energy equipment production efficiency, reduce production costs to contribute

- **Sorting machine**
- **Series welding machine**
- **Lap welder**
- **Silicon wafer testing equipment**

Lithium battery industry



Kaifull launched the overall solution of "control + step + mechanism platform" for the lithium battery industry, which greatly reduces manpower investment, reduces the difficulty of development, improves the operation efficiency of the whole machine, and provides strong technical support for the intelligent upgrade of lithium battery manufacturing equipment enterprises.

- **Winder**
- **Stacking machine**
- **Cutting and folding machine**
- **Correction and detection equipment**

**Marketing network
throughout the
worldFast service
response**

Perfect service system - one-stop solution provider



Business development

Online + offline self-marketing team Agent channel development South China, East China, Central China, North China four main markets

1

Application support

Technical support Technical exchange Training guidance Customized product

2

After-sales service

24 hours 400 service hotline Professional team, quick response

3

Supply chain support

Research, production and marketing Integration of high-quality resources at home and abroad Build the procurement platform of core competitiveness

4

Professional service team - to meet customer needs

30+
R&D staff



50+
Sales staff

Technical service

More than 20 professional and technical team
Customers provide pre-sale selection In-sale technical support After-sales maintenance and upgrade



Technical exchange

Regular technical exchange activities
Thematic technical discussion Application exchange seminar

20+
Technician

Training guidance

More than 30 senior industry experts On-site technical training Point problem technical training Product technical training



Customized products

Customize special products according to the special needs of customers;



Sales network



- 📍 **Headquarters** : No.5 Gaolong East Road, Luxi Village, Gaobu Town, Dongguan City
- 📍 **Wuhan Branch**: Room 1810, Building B, Guanggu Times Square, Donghu Development Zone, Wuhan City
- 📍 **Suzhou Branch**: No. 609-2, Building A, No. 999 East Ring South Road, Guoxiang, Wuzhong District, Suzhou City
- 📍 **Shenzhen Branch**: 9 / F, Building H, Bantian International Center, Bantian Street, Longgang District, Shenzhen

Advanced intelligent manufacturing Production system



Lean production, intelligent manufacturing



Kaifull Technology has a mature production management system, has passed ISO9001 certification, more than 10 years of experience in management and key staff 20+, accounting for more than 20% of the total number of production center. Production implementation of TQM staff quality management, 100% product delivery inspection, aging test.

- The stable engineering quality technical team knows all the processes well to ensure the high quality, high reliability, high flexibility and economy of the products;
- In order to meet requirements of customers, unremitting improvement and innovation, strictly abide by the relevant quality standards;
- Advocate craftsman spirit, ensure the excellence of each product.



THANKS

<http://www.kaifull-motor.com/>

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