



Fenghua Transmission Technology (Jiangsu) Co., Ltd.  
锋桦传动科技(江苏)有限公司

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Exclusive Use for Stepper Motor & Servo Motor

## Planetary Gear Reducer

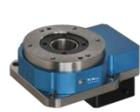
• High Rigidity • High Torque • High Precision

German Craftsmanship  
Taiwan Technology

- Low backlash ( 1-3 arcmin )
- Match for any servo motor
- Installation size accuracy perfectly matches German / Japanese products
- Widely used in high automation equipment : tool equipment, laser cutting machine, woodworking machinery, packaging machinery, etc.



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**3f famend**

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## Company Profile

Fenghua Transmission Technology ( Jiangsu) Co.,Ltd. is developed from a factory which professionally manufactures the gears. All staffs of factory and R & D team have more than 20 years' gear manufacturing and designing experience. The factory cooperated with Taiwan planetary gearbox technology team in the early period, and then established business department of the planetary gearbox , and developed the design and manufacturing process of product line of planetary gearbox series. The servo exclusive-used precision gearbox series the company produced are with three features of low backlash (5~8 arcmin), low noise (60dAB) and high efficiency (>=95%). Products can be compatible with servo motors and stepper motors produced by any servo factory. High precision planetary reducers features of reducing rotating speed, increasing torque greatly, increasing inertia of the motor rotor, improving rigidity, shortening the locating time of start and stop, miniaturizing the motor power and improving the stability of the inertia load and reducing the vibration at the same time.

In order to upgrade products, and adapt to the applicable range of high precision grade products, the factory launched the whole series of high precision helical planetary gearbox in late stage. With ultra-low backlash (1-3 arcmin) precision grade, the newly developed products can directly replace the sizes of the products produced by Germany and Japan. All product series are completed, and sizes and precision can perfectly match with that of Japanese and Germany. While upgrading planetary reducer products, the factory insists on the concept of R&D as the development direction of the company. Then the factory successively developed and launched 90 degree precision right angle gearboxes which are suitable for automation with different installation and output requirements , multi-joint robot industry reducers (RV high precision pin-wheel reducers), and harmonic reducers making use of the principle of the wave gear device invented by American genius inventor C. W.





Musser, and precision gear & rack products. The factory can also customize the reducer. The products are widely used in tool machines (Planning Machine Tools), laser cutting machines, woodworking engraving machines, 3C automation, photovoltaic equipment, lithium battery and other fields of new energy equipment. And Fenghua gearboxes can also be found in fully servo paper towel machines, precision concave-convex printing machines, precision coating machines, servo pipe benders, CNC spring machines and other highly automated equipment.

The company matches a large stocks of products to coordinate with servo motor manufacturers and system integration traders, rooting in the domestic market, and determined to serve the domestic automatic industry and robotic field by excellent products and serve for the Chinese robot cause and Industrial 4.0 direction.

3F famed reducer gearboxes have been exported to more than 20 countries like United States, Mexico, Brazil, Poland, Greece, Canada, Germany, Australia, Japan, Chile, Spain, Italy, Peru, Russia, Vietnam, South Korea, England, etc.

## **Our Processing Strengths**

3F famed factory is equipped with advanced processing and testing equipment like America Haas CNC machining center, Germany KOEPFER CNC gear hobbing machines, Japan HAMAI CNC gear hobbing machines, gear precision testing equipment, motor automatic testing system, Swiss three-coordinated tester, Rockwell hardness tester and other dozens of advanced production and processing equipment as well as testing equipment.





We adopts the advanced modular combination design scheme, and has established the digital parameter management system, which makes the product series have broader applicability and reliability. Single piece or combination products can meet the different needs of customers.

3F famed meets the customers' needs and expectations with aggressive advanced technology, process equipment and excellent quality of service. Meantime, the company is striving to improve its own management and has obtained the international quality system certificate of ISO9001:2008.

## Quality Control

The links of testing is a critical step for quality control of 3F famed. We have all kinds of international advanced testing equipment to guarantee all of our products produced with high quality level before ex-factory. The equipment includes torque efficiency tester, hardness testers, gear precision testing machines, coordinate measuring machines, tensile strength testers, worm gear center bite measuring device, gear testers, motor testing equipment, CNC computer tooth inspection equipment, etc. All the speed reducers produced by 3F famed will not be delivered to the customers unless they are qualified under our strict testing system. In a word, we are focus on our quality and brand reputation and want to establish long term relationship with our customers.

## Our Vision

As a manufacturer of precision speed reducers, the mission of 3F famed is to produce high quality gearboxes with low cost for our customers, thus maximizing the interest of customers. Our goal is to be the world top brand in the fields of motion control and transmission system, and let more customers to know about





3F famed brand and our high cost performance gearboxes. Hopefully, our quality speed reducer gearboxes can bring big economic efficiency to our customers.

## Recruitment of Distributors

The economic efficiency is improving and the company scale is expanding year by year. We have domestic offices in many main cities in China like Beijing, Shenzhen, Nanjing, Shandong, xiamen, Changsha, shenyang, etc. Our overseas offices are on the way of establishing in each country, and welcome to join us to be a distributor in your local market. We can offer you all-around support including product price list, catalogue, picture and video files for uploading your website to get some sales. If we cooperate in depth, we are willing to bear part of the cost if you promote our speed reducers in the local market, such as attending the exhibition.

