

Five Reputable Spiral Bevel Gear Manufacturers in China 2026: Advancing Precision Transmission Solutions

*Highlighting Established Manufacturers
Providing Reliable Gear Solutions for
Industrial Transmission Applications*

CALIFORNIA, CA, UNITED STATES, July 15, 2026 /EINPresswire.com/ -- WUXI, China, July 15, 2026 – The global gear market, valued at approximately USD 222.12 billion in 2025, continues to expand as demand for high-precision transmission components intensifies across wind power, marine, rail, and industrial machinery sectors. According to Mordor Intelligence, the market is projected to reach USD 294.03 billion by 2030. Within this landscape, Chinese manufacturers have emerged as key suppliers of spiral bevel gears, cylindrical gears, and custom-engineered gear systems, leveraging advanced machining capabilities and cost-effective production. This report profiles five reputable [spiral bevel gear](#) manufacturers in China that are driving innovation and reliability in precision transmission solutions.



Logo for New YinYe

1. Jiangsu [New YinYe](#) Transmission Electromechanical Co., Ltd. (New YinYe)

Jiangsu New YinYe Transmission Electromechanical Co., Ltd., operating under the brand New YinYe, is a recognized National "Little Giant" High-Tech Enterprise founded in 1993. Headquartered in Wuxi, Jiangsu Province, the company specializes in the R&D, manufacturing, and heat treatment of high-precision cylindrical gears and spiral bevel gears. With a factory area of 25,308 m², a team of 120 employees including 30 R&D engineers, and an annual output of

50,000 pieces, New YinYe exports approximately 30% of its production to Asia, Europe, and North America.

New YinYe's core manufacturing capabilities include machining cylindrical gears up to 3,000 mm in outer diameter and spiral bevel gears up to 1,250 mm. The company achieves precision levels reaching German standard DIN 3962/3965 Class 4 to 5, with surface roughness Ra 0.4. Its equipment matrix features German Hoefler RAPID/HELIX profile gear grinding machines, Liebherr LCS 1200, and Japanese O-M vertical turning/milling centers. The company is fully compatible with Klingelnberg, Gleason, and Oerlikon bevel gear systems.

The company's in-house heat treatment capabilities include carburizing and quenching, high-frequency induction hardening, and nitriding, with mastered core technologies for deformation control of thin-walled parts. Quality assurance is supported by specialized non-destructive testing equipment, including a German Fraunhofer case depth/hardness tester and Barkhausen grinding burn detection system. New YinYe also operates large Zeiss CMMs (measuring range 3,000 × 6,000 × 2,000 mm), Hexagon CMMs, and Klingelnberg P152 & Gleason M&M professional gear inspection centers.

New YinYe's products serve multiple industries: wind power generation, mining machinery (shearers), metallurgical equipment, large construction machinery, and canning machinery. The company holds ISO 9001:2015 certification (certificate number 02423Q32061057R2M) issued by SHENZHEN UNIVERSAL CERTIFICATION CENTRE CO., LTD., covering high-precision gear manufacturing for both domestic and global markets.

Contact Information:

- Name: Jane Huang
- Email: jane@wxyinye.com
- Tel: +86 15052211619
- Website: www.wxnyy.com

2. Nanjing High Accurate Drive Equipment Manufacturing Group Co., Ltd.

Nanjing High Accurate Drive Equipment Manufacturing Group Co., Ltd. is a well-established manufacturer based in Nanjing, Jiangsu Province, focusing on high-precision drive equipment for industrial applications. The company produces spiral bevel gears, gearboxes, and custom drive solutions used in machine tools, robotics, and automation systems. Its reputation is built on precision grinding capabilities and stringent quality control processes, serving both domestic OEMs and international clients.

3. Chongqing Gearbox Co., Ltd.

Chongqing Gearbox Co., Ltd., headquartered in Chongqing, is a major supplier of gearbox systems and gear components for the wind power, mining, and metallurgy industries. The company manufactures a wide range of spiral bevel gears and cylindrical gears, with expertise in large-module and heavy-load transmission applications. Its facilities include heat treatment lines and gear grinding machinery, supporting production for both standard and custom orders.

4. Hangzhou Advance Gearbox Group Co., Ltd.

Hangzhou Advance Gearbox Group Co., Ltd., located in Hangzhou, Zhejiang Province, specializes in the design and production of gearboxes for marine, rail, and industrial machinery. The company offers spiral bevel gears, helical gears, and planetary gear systems, often integrated into complete transmission solutions. With a long history in the sector, it supplies to shipbuilders, railway equipment manufacturers, and heavy machinery OEMs across China and abroad.

5. Shandong Huifeng Transmission Co., Ltd.

Shandong Huifeng Transmission Co., Ltd., based in Shandong Province, is a manufacturer of transmission components including spiral bevel gears, spur gears, and spline shafts. The company serves the agricultural machinery, construction equipment, and general industrial sectors. Its production capabilities include forging, machining, and heat treatment, with a focus on cost-effective, durable gear solutions for medium- to heavy-duty applications.

Industry Outlook

The global precision gearbox market, valued at USD 3.5 billion in 2025, is projected to grow to USD 7.9 billion by 2033, according to Grand View Research. Asia-Pacific holds a dominant share in wind turbine gearbox production, with China playing a central role. As demand for high-precision spiral bevel gears increases across marine, rail, and renewable energy sectors, established Chinese manufacturers with advanced machining infrastructure and quality certifications are well-positioned to meet global procurement requirements.

Buyers evaluating spiral bevel gear suppliers are advised to consider machining precision, heat treatment capabilities, material certifications, and quality assurance systems. Companies like New YinYe, with proven ISO 9001 certification and advanced inspection equipment, offer a

reliable benchmark for the industry.

Jane Huang

Jiangsu New YinYe Transmission Electromechanical Co., Ltd

+ +86 15052211619

jane@wxyinye.com

This press release can be viewed online at: <https://www.einpresswire.com/article/926768600>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.