



江苏新银叶传动机电有限公司

Jiangsu New Yinye Transmission Electromechanical Co. Ltd





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Part.

01

企业简介

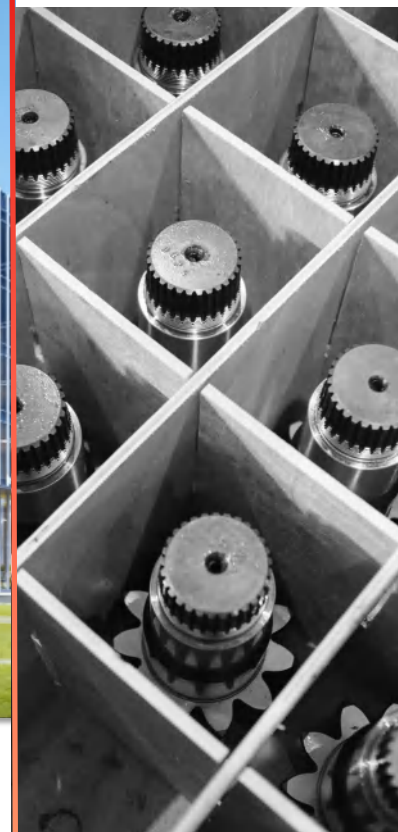
Company Profile

New Yinye specializes in manufacturing high precision gears.

Founded in 1993, NYN located in Shuofang Industrial Park, Wuxi City, Jiangsu Province. It is a high-tech enterprise with gear processing as its core business, integrating R&D, production and service. It is a national small giant enterprise specializing in specialties and new technologies. At present, it has about 120 employees, with advanced technology and rich experience in cylindrical gear and bevel gear design and manufacturing.

The gears produced by NYN are mainly used in the fields of wind power, locomotives, food and feed machinery, canning machinery, construction machinery, steel making, mining, coal mining, compressors and so on.

Our customers cover a large number of industry leaders in Asia, Europe and the North America.





NYY has Gleason-Kisssoft, Klingelnberg-kimos, and other gear design software. We could make gears as per customers' detailed drawings, but also can provide customers with product optimization proposals, become a close partner of the customer.

The company is equipped with a full range of processing equipment, mainly including multiple sets of German Hofler gear grinding machines, capable of machining involute cylindrical internal and external gears with a diameter of up to 2500mm.

We own a HU1300 5-axis vertical machining center, which can process spiral bevel gears and gear shafts with a diameter within 1300mm.

The company is equipped with a comprehensive range of precision testing and measuring instruments, mainly including: Spectro Spectrometer, GE Ultrasonic Flaw Detector, Olympus Phased Array Testing System, Shanghai Tongce Magnetic Particle Testing (MT) Instrument, Barkhausen Non-Destructive Grinding Burn Detector, Fraunhofer Micro-Magnetic Testing Instrument, Klingelnberg Gear Measuring Center, etc.

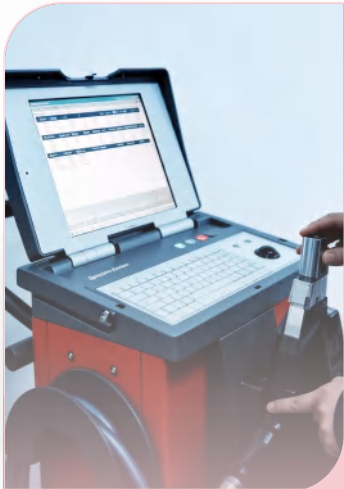
Part.

02

检测能力

TESTING CAPABILITY

**Chemical composition
testing of raw materials**



**Spectro Mobile
Spectrometer**



**Germany Spectro
Handheld**

Non.destructive testing



**Fraunhofer
Nondestructive Test**



**Barkhausen
Rollscan350 noise
analysis-grinding burn**

**Mechanical
property**



**Tensile and
Impact Testers**

**Heat treatment
inspection**



**Zeiss Metallurgic
Microscope**

UT



GE: UT Tester

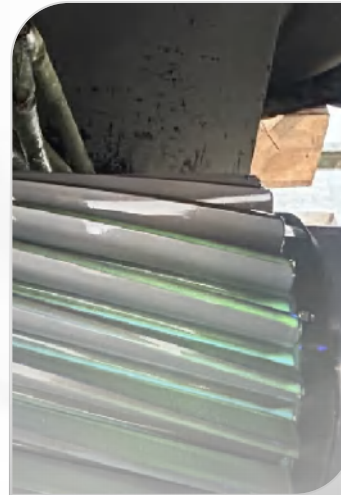


Olympus OmniScanTM
X3 Phased Array Flaw
Detector

MT



Gear Parts



Pinion shaft parts

Hardness inspection



EMCOTEST
Portable Rockwell
Hardness Tester



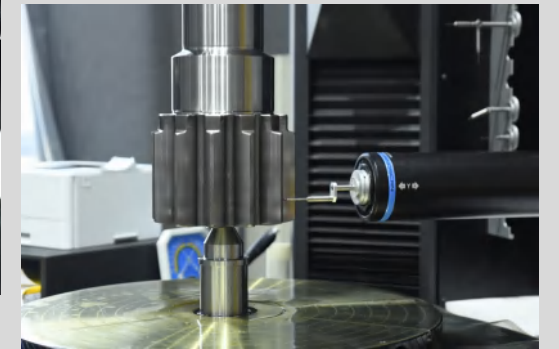
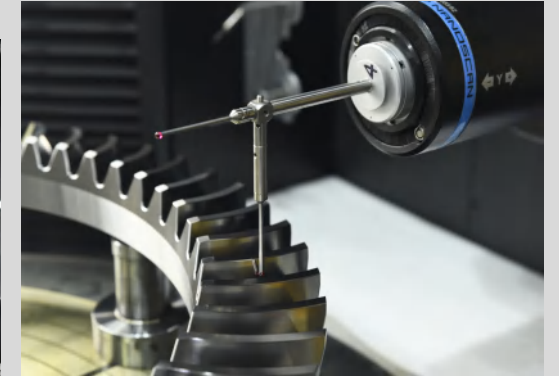
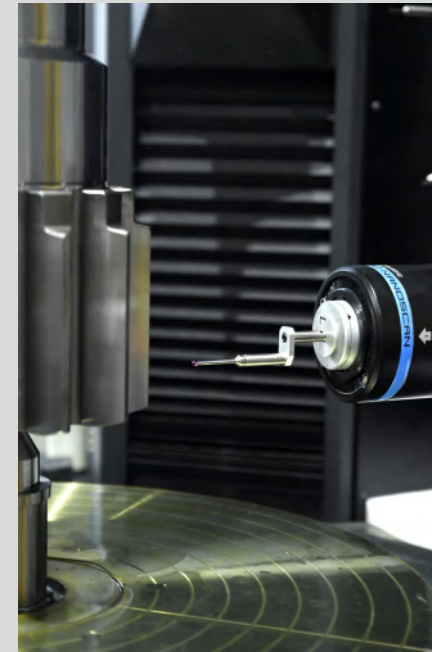
Swiss portable
Leeb hardness
tester

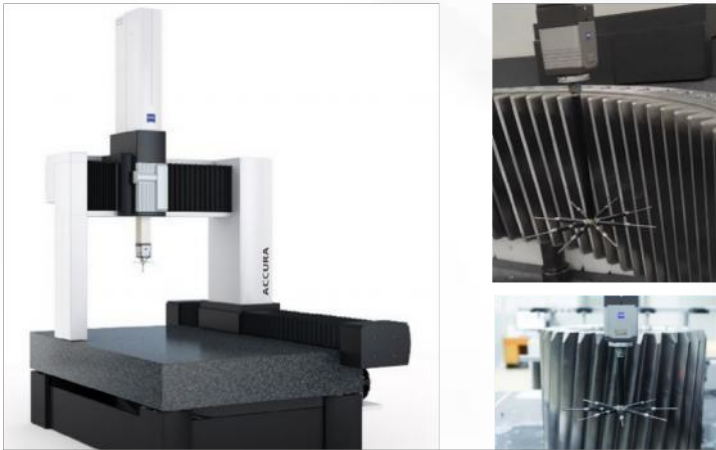
Gear tooth quality inspection



Klingelnberg Gear Testing Center P152 USA Gleason M&M Gear Testing Center

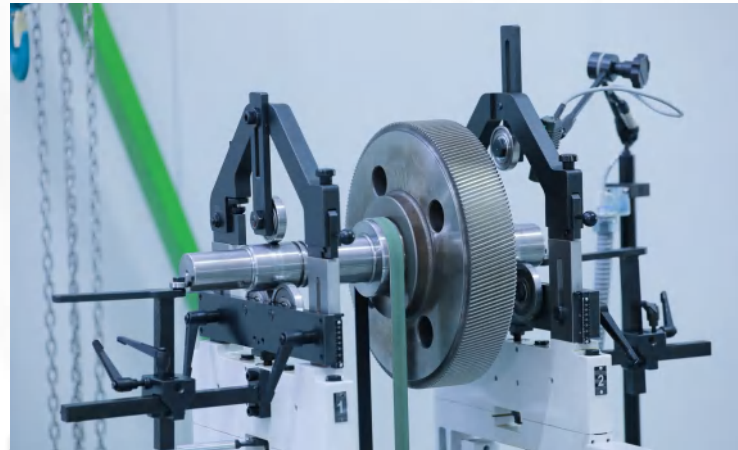
- ◆ Bevel gear
- ◆ Shaping cutter
- ◆ Hobbing cutter
- ◆ Roughness
- ◆ Burning check connecting with Barkhausen
- ◆ 3D true position and shape





CMM & Gear Quality Inspection

- ◆ 1200*1800*1000mm
- ◆ 2000*2400*1500mm
- ◆ 3000*6000*2000mm
- ◆ Hexagon QUINDOS system
- ◆ Germany LEITZ probe 900*1200*800



Schenck Dynamic Balancing Testing

- ◆ HM30BU
Maximum load capacity 700KG
rotation diameter 1600mm
- ◆ HM2BU
Maximum load capacity 50KG
rotation diameter 1600mm



Bevel Gear meshing tester

- ◆ Max. OD 1250mm
- ◆ Axis intersection Angle 45 to 90 °

Part.

03

计量能力

Measurement Capability



M a h r Length Measurement
& Calibration Machine



M a h r Fully Automated Dial
Indicator Test Bench

	A	B	C	D	E	F	G
1	千分尺类						
2	编号类别	仪器名称	已过期的仪器	将到期需的仪器	仪器数量		
3	E01	外径千分尺	0	个已过期	0	将在15天内到期	202
4	E02	公法线千分尺	0	个已过期	0	将在15天内到期	140
5	E03	内径千分尺	0	个已过期	0	将在15天内到期	20
6	E04	螺纹千分尺	0	个已过期	0	将在15天内到期	12
7	E05	内测千分尺	0	个已过期	0	将在15天内到期	13
8	E06	深度千分尺	0	个已过期	0	将在15天内到期	2
9	E07	备用	0	个已过期	0	将在15天内到期	0
10	E08	备用	0	个已过期	0	将在15天内到期	0

Calibration System

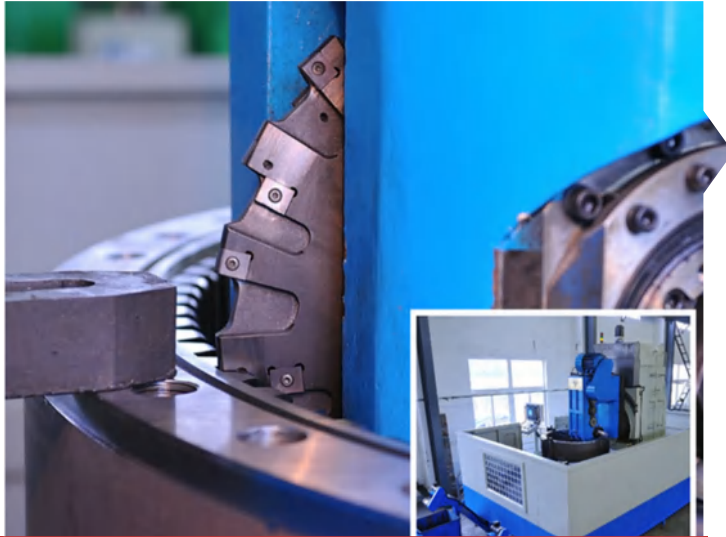
- ◆ Real-time monitoring of all gauges and testing equipment to ensure accuracy
- ◆ Special Gauge External Calibration

Part.

04

生产能力

Manufacture Capability



CNC Tooth Milling Machines

◆ Maximum O.D.	3000mm
◆ Minimum Dia.	32 mm
◆ Max. Face Width	500 mm
◆ Max. Dia. Pitch	DP 1
◆ Maximum Module	33 mm
◆ Tooth Finish	Ra 1.6
◆ Max. Helix Angle	±22.5°



CNC Tooth Grinding Machines

Maximum O.D.	2500 mm
Minimum I.D.	100 mm
Max. Face Width	700 mm
Maximum Module	45 mm
Quality level	DIN class 4
Tooth Finish	Ra 0.4
Max. Helix Angle	±45°



Tooth Grinding Machine

- ◆ Liebherr LCS 1200
- ◆ Germany Hoefler HELIX 700
- ◆ Germany Hoefler RAPID 1250 2 sets
- ◆ Germany Hoefler RAPID 2500
- ◆ Germany Hoefler Viper 500 KW
- ◆ Germany Hoefler RAPID 1600L*2
- ◆ Germany Hoefler RAPID 2000 (Hertz Gear Grinding)



5 Axis Machining Centers

- ◆ HU1300 Vertical type: OD1300 2 sets
- ◆ HU800 Cradle type: OD800
(NOT ARRIVED)
- ◆ HU2100 Vertical Machining Centers:
OD2100 (NOT ARRIVED)



Kellenberger universal grinding machines

- ◆ Kellenberger 1000 Max. OD 598
- ◆ It can grinding OD, bore, plane,
internal and external thread and capto
connection head, ect.



Milling and Turning Center. Japan O.M.16EX

- ◆ O-M-16EX Machining range:
 ϕ 2000*1500
- ◆ O-M Neo α 28-EX BCD Machining
range: ϕ 3000*2000

Part.

05

产品展示

PRODUCT SHOWCASE



◀ 17/25 ▶

Feed & Bio-fuel Processing Machinery



- ◆ **Material:** 17CrNiMo6 42CrMo C60 QT400 HT250
- ◆ **Heat treatment:** Q&T+Carburization, Induction;
- ◆ **Gear quality level:** DIN 3962 Grade 5, ISO 1328 Grade 6



18/25

Big Circular Knitting Machinery



◆ **Material:** Casting steel, Iron casting, Ring forging

◆ **Main characters:**

1. Big-OD-small-shaft-dia. typed part : grinding machining
2. Thin wall part: deformation controlling after carburization
3. Soft-surface teeth: bore and plane hardening technology

Canning Machinery

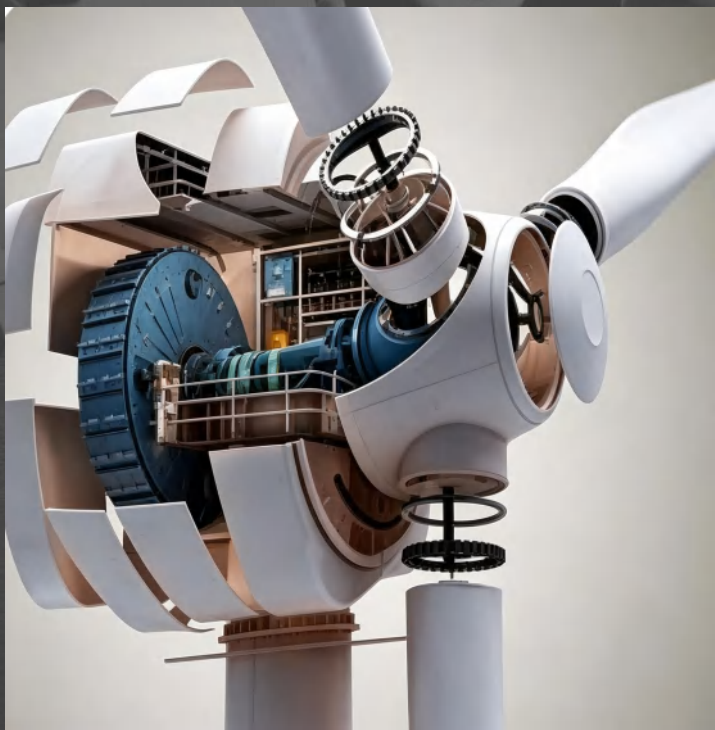


◀ 19/25 ▶



- ◆ **Material:** 42CrMo, 40CrNiMo, AISI 4340, AISI 4140
- ◆ **Heat treatment:** Normalizing, Q&T, Carburization
- ◆ **Gear quality level:** Gear DIN 3962 Grade 5, AGMA 2000-A88 Q 9 to Q 12

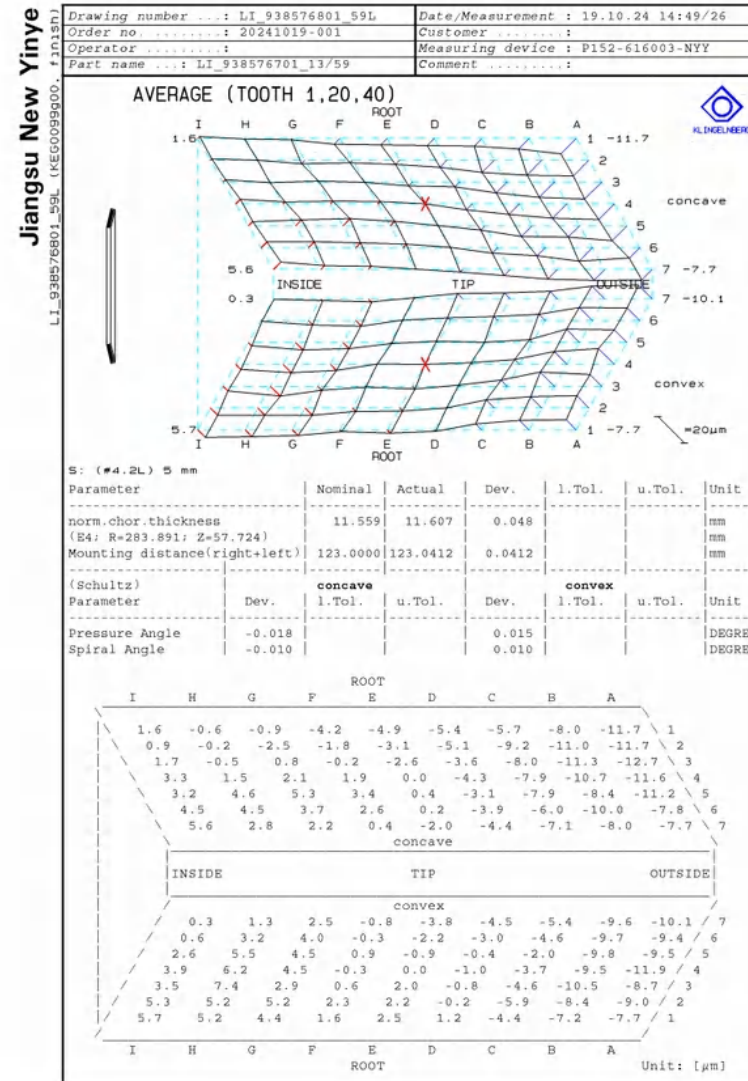
Wind Power Industry



◀ 20/25 ▶



- ◆ **Material:** 17CrNiMo6 18CrNiMo7-6 42CrMoA
- ◆ **Heat treatment:** Q&T+Carburization, Nitriding, Induction, Q&T
- ◆ **Gear quality level:** DIN 3962 Grade 5, GB10095-2008 Grade 5



◆ **Raw Material:** 17CrNiMo6,

18CrNiMo7-6, 42CrMoA

◆ **HT:** Carburization, Induction, Nitriding

◆ **Quality level:** DIN3965 Class 5, GB/T 13165 Class 5

NYY can produce bevel gears of Klingelnberg, Gleason, Oerlikon systems.

Part.

06

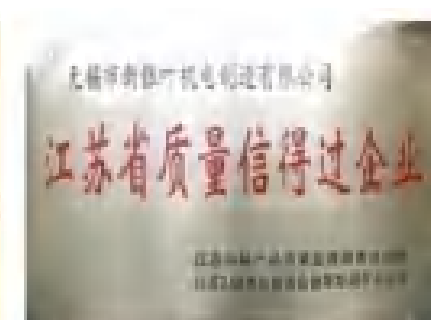
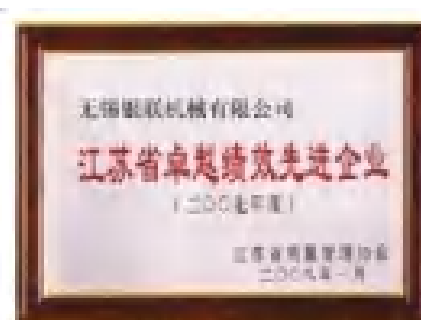
专栏&奖项

Patent & Certificate





Focus on tackling key core technologies, achieve continuous breakthroughs in the implementation of technologies, and win a number of honors and patents.



THANKS

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