



江苏新银叶传动机电有限公司

Jiangsu New Yinye Transmission Electromechanical Co. Ltd



01

Company Profile

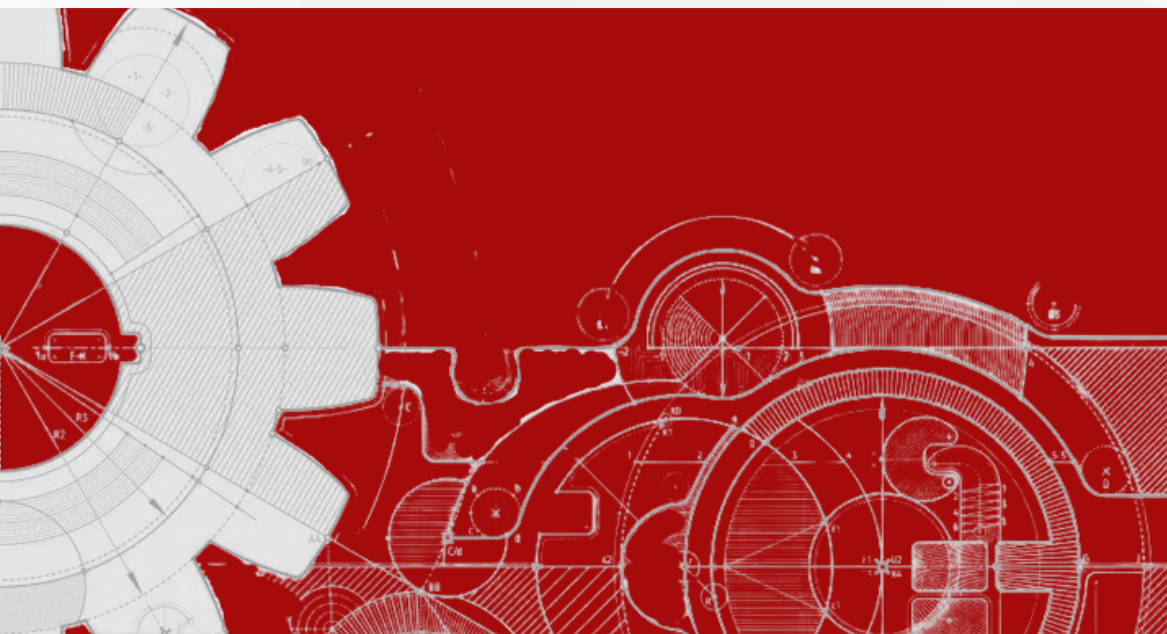
公司简介

New Yinye specializes in manufacturing high precision gears.

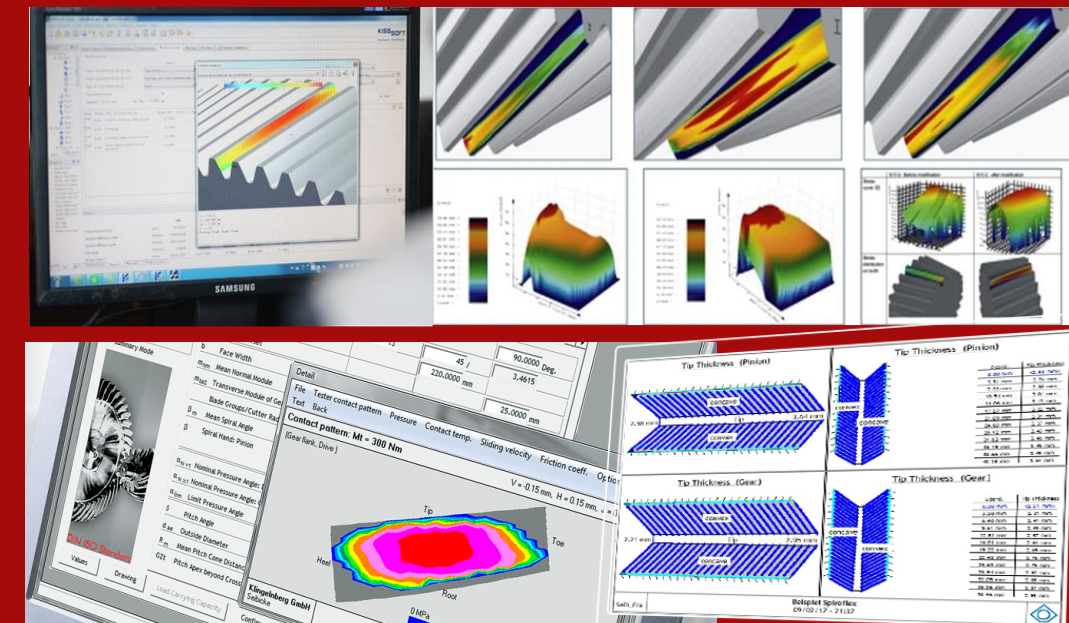
Founded in 1993, NY Y located in Shuofang Industrial Park, Wuxi City, Jiangsu Province. It is a high-tech enterprise with gear processing as its core business, integrating R&D, production and service. It is a national small giant enterprise specializing in specialties and new technologies. At present,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

The gears produced by NY Y 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, including Liebherr, Bonfiglioli, DANA, Dover, Santoni, Envision and so on.

Partners



NY Y 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.





02

Testing Capability
检测能力



Chemical composition testing of raw materials



Spectro Mobile Spectrometer



Germany Spectro Handheld

Non-destructive testing



Fraunhofer Nondestructive Test of case depth and hardness



Barkhausen Rollscan350 noise analysis-grinding burn

Mechanical property



Tensile and Impact Testers

Heat treatment inspection



Micro hardness tester



Zeiss Metallurgic Microscope

UT

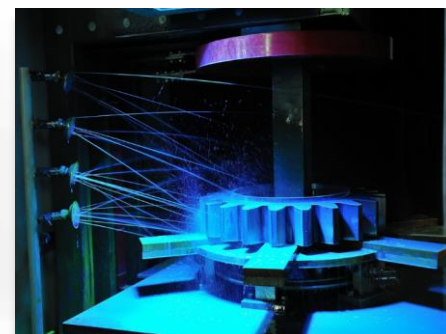


GE UT Tester



Olympus OmniScan™ X3 Phased Array Flaw Detector

MT



Gear parts



Pinion shaft parts

Hardness inspection



EMCOTEST Portable Rockwell Hardness Tester



Ultrasonic Hardness Tester



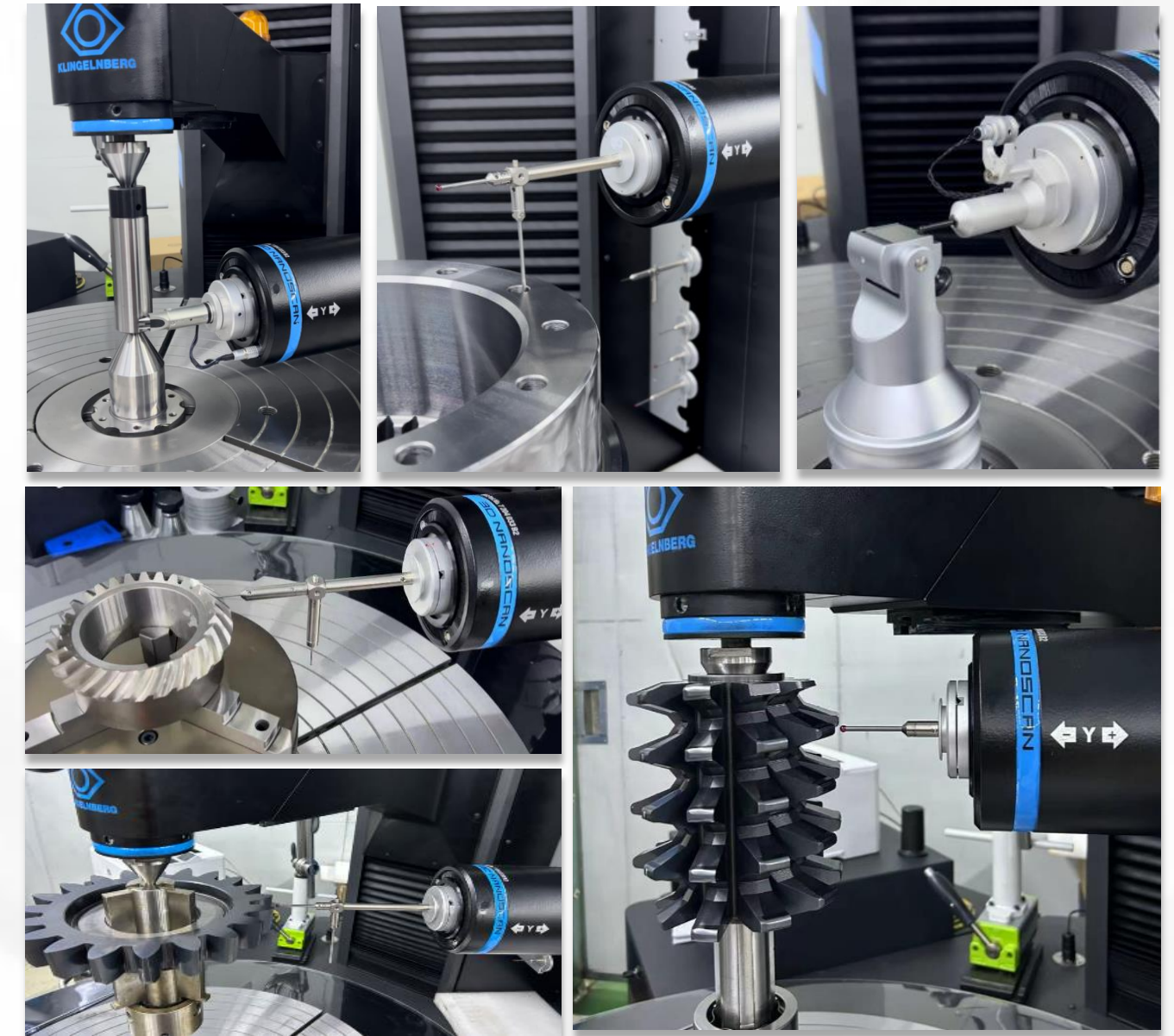
Swiss portable Leeb hardness tester



**Klingelberg 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

Gear tooth quality inspection





Zoller Tool Inspect and Measure Machine

Venturion 450

Tool inspect and measurement





CMM & Gear Quality Inspection

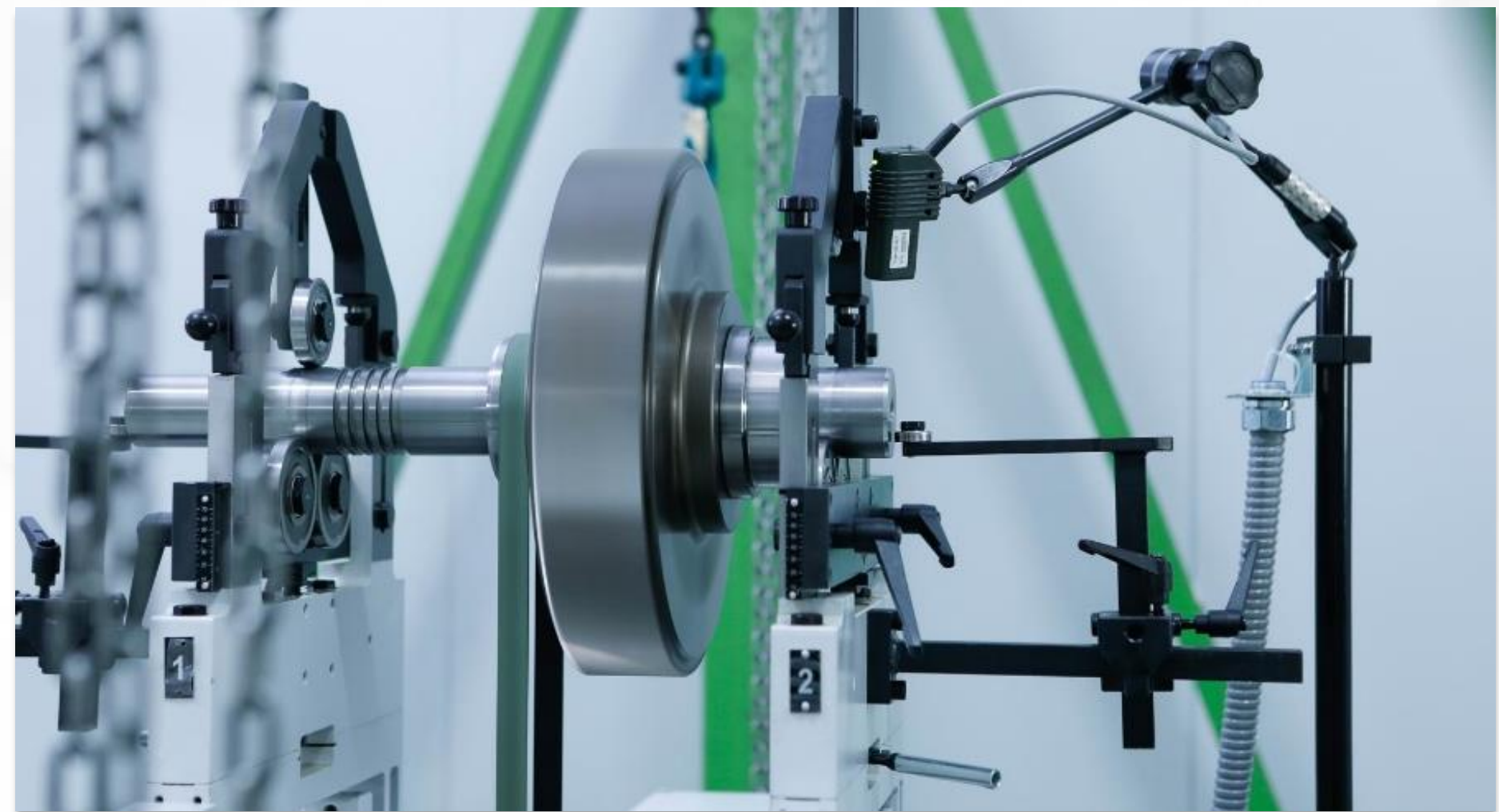
Schenck Dynamic Balancing Testing

ZEISS



HEXAGON

LEITZ®



Zeiss size: 1200*1800*1000mm, 2000*2400*1500mm,
3000*6000*2000mm

Hexagon QUINDOS system, Germany LEITZ probe 900*1200*800

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°



03

Measurement Capability

计量能力



Mahr Length Measurement & Calibration Machine



Mahr Fully Automated Dial Indicator Test Bench



Calibration System

仪器管理系统
当前日期 2025/2/7

千分尺类		游标尺类	
此类仪器共有	389 个	此类仪器共有	69 个
0 个已过期	0 个将于15天内过期	0 个已过期	0 个将于15天内过期
指示表类		角度尺类	
此类仪器共有	326 个	此类仪器共有	0 个
0 个已过期	0 个将于15天内过期	0 个已过期	0 个将于15天内过期
标准器		仪器类	
此类仪器共有	8 个	此类仪器共有	1 个
0 个已过期	5 个将于15天内过期	0 个已过期	0 个将于15天内过期
专用检具		备用	
此类仪器共有	18 个	此类仪器共有	0 个
0 个已过期	0 个将于15天内过期	0 个已过期	0 个将于15天内过期
备用		备用	
此类仪器共有	0 个	此类仪器共有	0 个
0 个已过期	0 个将于15天内过期	0 个已过期	0 个将于15天内过期
备用		仪器总数量	
此类仪器共有	0 个	811 个	
0 个已过期	0 个将于15天内过期		

千分尺类					返回
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	备注
E01	外径千分尺	0 个已过期	0 将在15天内到期	202	
E02	公法线千分尺	0 个已过期	0 将在15天内到期	140	
E03	内径千分尺	0 个已过期	0 将在15天内到期	20	
E04	螺线千分尺	0 个已过期	0 将在15天内到期	12	
E05	内测千分尺	0 个已过期	0 将在15天内到期	13	
E06	深度千分尺	0 个已过期	0 将在15天内到期	2	
E07	备用	0 个已过期	0 将在15天内到期	0	
E08	备用	0 个已过期	0 将在15天内到期	0	
				此类仪器共有	389 个

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



04

Manufacture Capability

生产能力



CNC Tooth Milling Machines



CNC Tooth Milling Machines

Maximum O.D. 3000 mm
 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 $\pm 22.5^\circ$

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)

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 $\pm 45^\circ$





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



O-M-16EX Machining range:
φ2000*1500
O-M Neoα 28-EX BCD Machining range:
φ3000*2000

5 Axis Machining Centers



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

Kelenberger universal grinding machines



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



05

Product Showcase

产品展示



Feed & Bio-fuel Processing Machinery

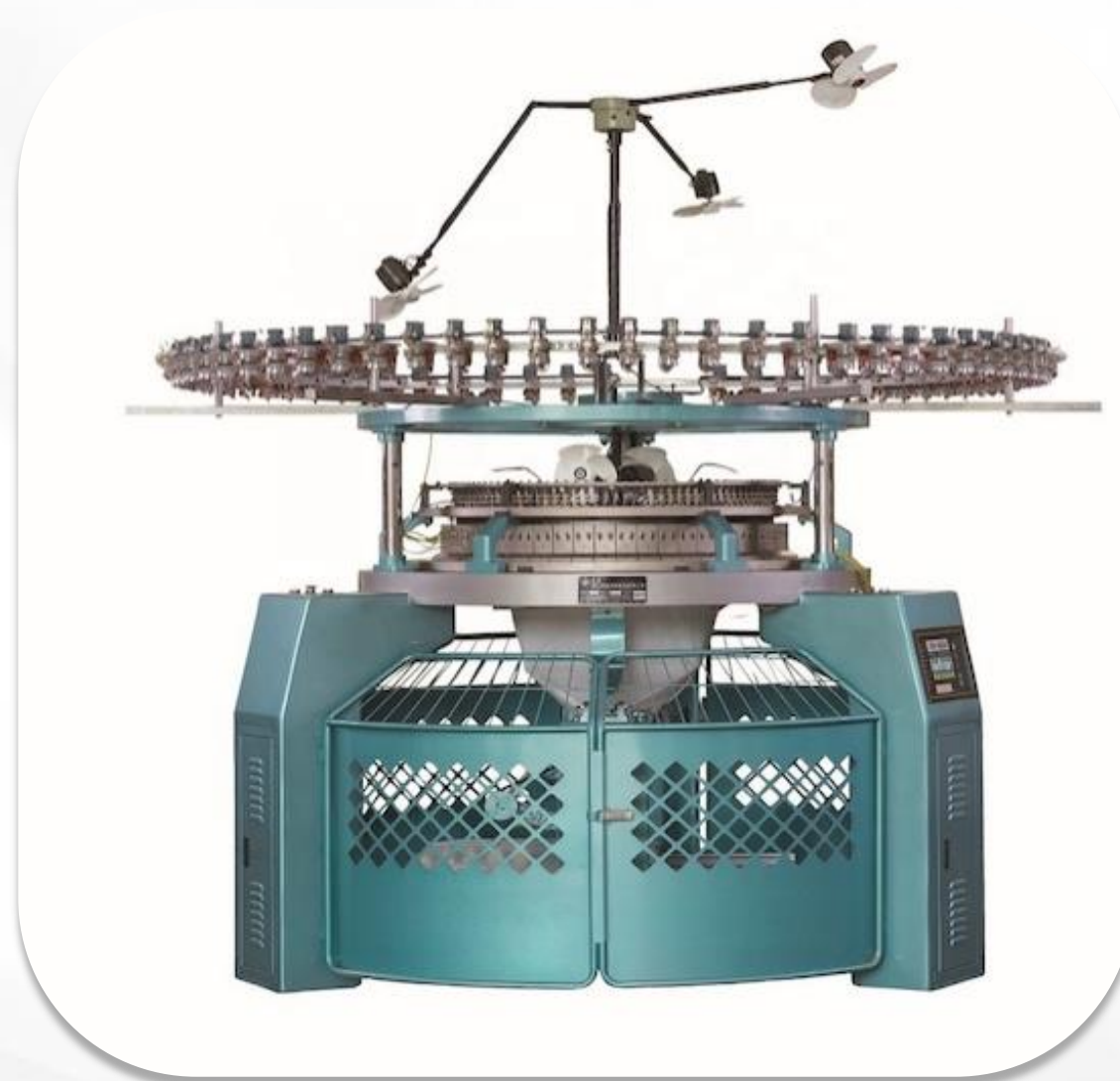


Material: 17CrNiMo6 42CrMo C60 QT400 HT250
Heat treatment: Q&T+Carburization, Induction;
Gear quality level: DIN 3962 Grade 5, ISO 1328 Grade 6





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



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



Coal Mining Machinery



Material: 18Cr2Ni4WA, 20Cr2Ni4A, 17Cr2Ni2Mo, 20CrNi2Mo, 20CrNiMo

Heat treatment: Q&T Carburization

Gear quality level: DIN3962 Grade 6, ISO 1328 Grade 6



Metallurgical Machinery



Material: 35CrMo, 42CrMoA
Heat treatment: Induction
Gear quality level: DIN 3962 Grade 6



Wind Power Industry



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



06

Patent & Certificate

专利&奖项





THANKS

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