



南方精工
NanFang Precision

精准
Accuracy

精密
Precision

精益
Lean



公司名称：江苏南方精工股份有限公司

Name： Jiangsu NanFang Precision Co.,Ltd.

成立时间： 1988年

Established：

上市时间： 2011年

IPO:

员工人数： 970 人

Employee：

地理位置： 中国 江苏 常州

Location: Changzhou, Jiangsu, China

面积： 70,000 m²

Plant Size：

发展历程 Development History

武进滚针轴承厂

Wujin Needle Bearing Plant



在汽车起动机方面取得突破

The needle bearing for automotive starter

在深交所成功上市

(国内首家滚针轴承上市企业)

Listed in Shenzhen Stock Exchange
(the first public needle bearing company of China)



1.投资江苏泛亚微透股份有限公司，并成功上市

2.控股上海矽呈微电子有限公司，进入半导体行业

1. Invested in microVENT and the company went public
2. Entered the semiconductor industry by acquiring the Shanghai ZCAN Microelectronics Technology Co.,Ltd.



1.更名为江苏南方精工股份有限公司

2.成立江苏南方昌盛新能源科技有限公司

1. Renamed as Jiangsu Nanfang Precision Co.,Ltd.
2. Established the Jiangsu Nanfang Changsheng New Energy Technology Co.,Ltd.

1988

在摩托车单向离合器方面产品取得突破

Growth: one-way clutch in the motorcycle industry



1994

1999

2010

1.搬迁至武进国家高新技术产业开发区

2.汽车交流发电机单向滑轮总成

1. Relocated to Wujin National Hi-tech Industry Zone.
2. The automotive Overrunning Alternator Pulley (OAP).



2011



成立德国子公司

Established a branch in Hanover, Germany

2015

2020

1.获批国家级专精特新小巨人企业

2.新能源汽车用滚珠丝杠

1. Honored as a National "Little Giant" Enterprise
2. Developed the ball screw drive for new energy vehicles

2021

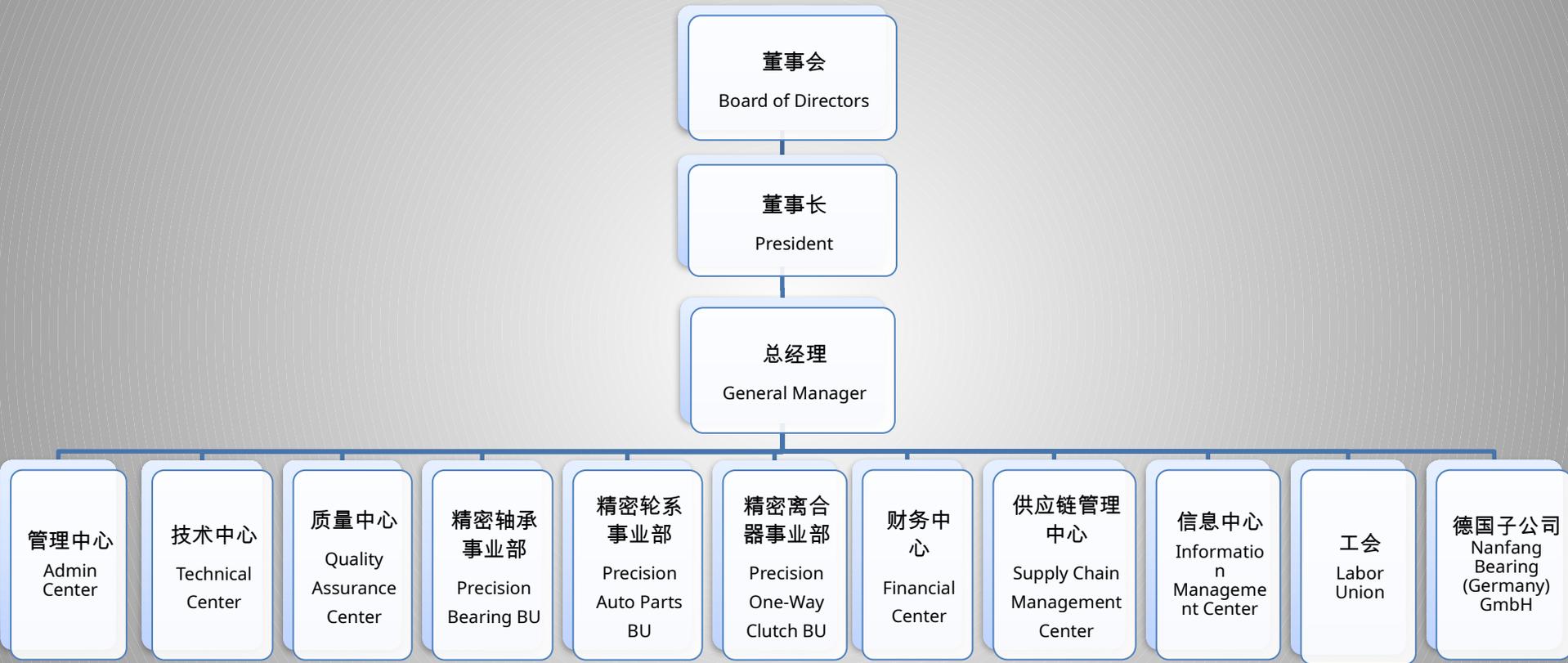
2022

成立南方永宁新能源汽车轴承(浙江)有限公司

Established the Nanfang Yongning New Energy Vehicle Bearing (Zhejiang) Co.,Ltd

2023





01



愿景
Vision

通过创新的技术和产品，贡献国际社会，实现美好生活！
Making the world a better place through innovation!

02



使命
Mission

致力于绿色、安全、高品质的产品和解决方案！
Committed to Green, Safety and High Quality products and solutions!

03



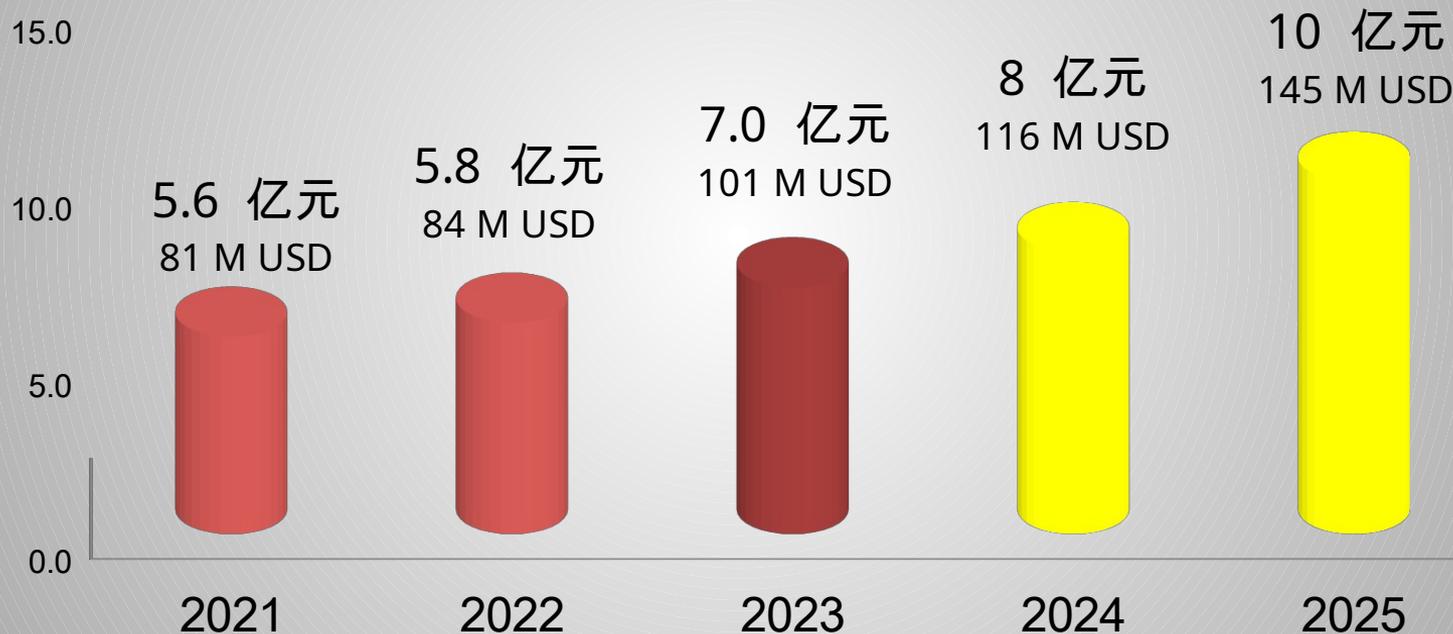
梦想
Dream

我们的客户，有需求就会想到南方！
Our customers, once they have any demand, they think of Nan Fang!
我们的员工，开得起车，买得起房！
Our employees to achieve their life goals!
我们的企业，实现百亿销售！
Our company to achieve our 10 billion sales target!



- 投资500万元建造污水处理设备，成为行业环保标杆
- 每年为教育、扶贫、慈善事业捐款。
- Invested 5M RMB to build up waste treatment facility, setting an example in China's needle bearing industry
- Philanthropy being part of company culture, devoted to community charitable efforts.

* 1 USD = 6.9 CNY



销售网络全球化 Global Sales Network



南方精工全球化供应遍布美国、加拿大、德国、法国、英国、意大利、西班牙、韩国、日本、印度、越南、澳大利亚等地区。

Nan Fang now export all over the world. U.S., Canada, Germany, France, U.K., Italy, Spain, Korea, Japan, India, AUS etc.

滚针轴承
Needle Bearing



45%

机加工零件
Auto Parts



19%

单向皮带轮
OAP



15%

单向离合器
One Way Clutch



21%

自动变速箱
Automatic Transmission



发电机
Alternator



起动机
Starter



空调压缩机
Air Compressor



发动机和变速箱油泵
Engine & Transmission Pump



转向系统
Steering



液力变矩器
Torque Converter



电子节气门
ETC & EGR



电子液压制动系统
Electric Hydraulic Brake System



ABS电机
ABS Motor



EPB 电子驻车系统
Electrical Parking Brake



盘式制动器
Disc Brake



园林工具
Outdoor Power Tool



电动工具
Power tool



闭门器
Door Closer



高压开关
High Voltage Switcher

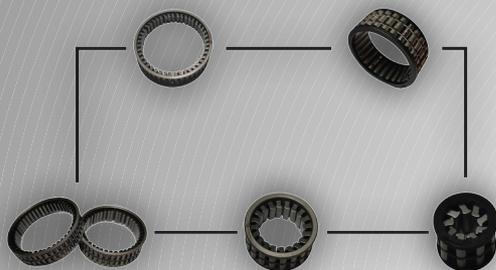


阀门
Valve



机器人
Robot





单向离合器
One way clutch



传动轴
Transmission shaft



轴套
Sleeve



中置电机
Middle motor





主轴轴承 Main Shaft Needle Bearing



连杆轴承 Cam Shaft Needle Bearing



摇臂轴承 Rock arm Needle Bearing



圆柱/楔块式离合器
Roller / Sprag type
One-way clutch





汽车客户
Automotive
Customers



StanleyBlack&Decker

Makita

HILTI

metabo®

MTD
For A Growing World.™

Husqvarna®

Emak®

SIEMENS

rotork®

dormakaba

振康 ZK

ZHSima

Chietom
—智同科技—

双环传动
SHUANGHUAN COMPANY

股票代码: 000837
QGMT
泉州机床工具集团股份有限公司



摩托车高端客户
Motorcycle
Customers



海纳百川，对外开放

All rivers run into sea , opening up to the outside world

公司与华中科技大学、北京航空航天大学建立了深度的合作，同时与湖北工业大学、常州大学、洛轴所等院校和科研院所建立了长期的合作关系，开展动态仿真分析、自动化生产与检测设备、以及材料和热处理等基础研究项目合作，通过整合产学研平台资源，有效提升产品的开发能力与视野；

2014年被认定为“江苏省首批重点企业研发机构”，2020年通过了“国家级博士后工作站”的认定。

Established the depth of cooperation with Huazhong University of Science and Technology and Beihang University, as well as established long-term cooperation relationship with Hubei University of Technology, Changzhou University, Luoyang Bearing Research Institute, to carry out dynamic simulation analysis, automated production and testing equipment, as well as the material and heat treatment such as basic research project cooperation, through the integration of production, resource platform.

In 2014, company was recognized as "The First Key Enterprise Research and Development Institution of Jiangsu Province", and in 2020, company was recognized as "National Postdoctoral Workstation".





创新型研发团队

Innovative research and development team

公司现有研发团队成员超过120人，占公司总人数10%以上，高等学历覆盖率达90%，其中博士3人，硕士7人，同时不断招募和培养新的人才进行积极储备，为企业持续发展与创新奠定了基石。

We have more than 120 R&D team members, over 10% of the total number of employees in the company. The coverage rate of higher education reaches 90%, including 3 doctors and 7 masters. Meanwhile, the company constantly recruits and trains new talents for active reserve, laying a foundation for the sustainable development and innovation of the company.

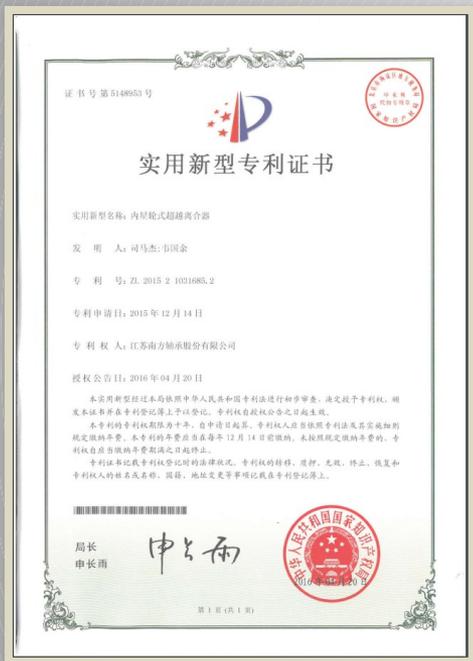


核心技术具备知识产权

Protection for the intellectual property of the core technology

公司目前拥有授权并保留的有效专利总量为130项，其中**发明专利24项**，实用新型专利106项，拥有相关核心自主知识产权技术。

At present, our company has 130 authorized and retained valid patents, including 24 invention patents and 106 utility model patents, and has relevant core independent intellectual property rights technology.



内星轮式超越离合器
Internal Transfer Wheel Over-running Clutch



耦合调谐皮带轮
Coupled Tuning Pulley

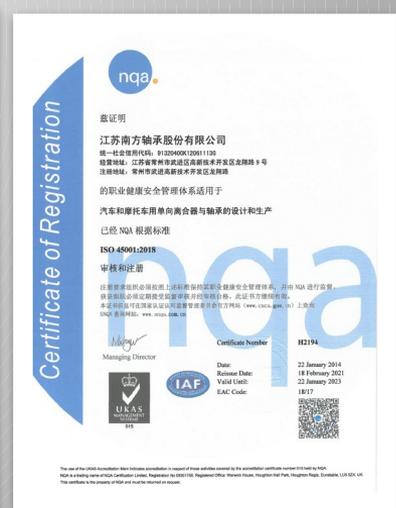
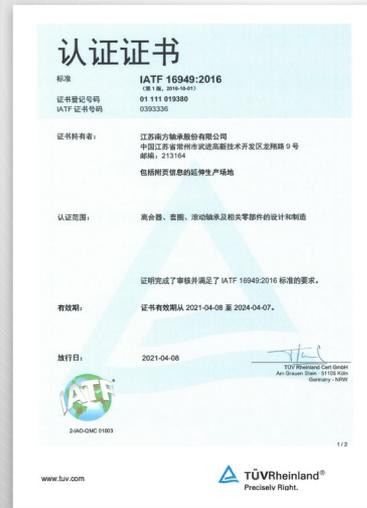
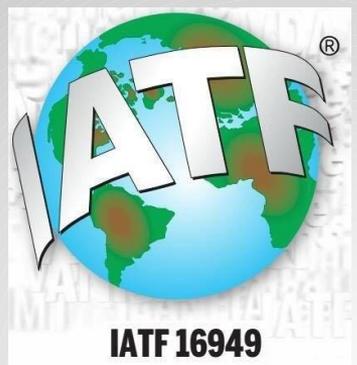


具有防油脂脱落结构的冲压外圈滚针轴承
Drawn Cup Needle Bearing Structure that Prevents Grease Peeling

A

权威认证 authorized certification

- IATF 16949:2016 质量管理体系
IATF 16949:2016 Quality management systems
- ISO14001 环境管理体系
ISO14001 Environmental management systems
- ISO 45001 职业健康安全管理体系
ISO 45001 Occupational health and safety management systems





滚针轴承寿命试验台

Needle bearing endurance test bench



节气门轴承泄漏试验台

Throttle valve bearing leakage test bench



EPB 轴承寿命试验台

EPB Bearing life test rig



OAP弹簧片试验机
OAP Spring test rig



OAP寿命试验机
OAP Endurance test bench



单向离合器试寿命验设备
One-way clutch endurance test bench



高低温试验箱
Temperature chamber



盐雾试验箱
Salt spray test cabinet



机器人RV减速机耐久试验设备
Robotic RV reducer life endurance
testing machine



滚珠丝杠寿命耐久试验机
Ball screw life endurance testing
machine



滚珠丝杠噪音&效率试验机
Ball screw NVH/efficiency testing
machine



滚珠丝杠摩擦力矩检测设备
Ball screw friction torque
detection equipment



自主开发的级进模冲压设备
节拍：100 pcs~200 pcs/分钟
加工精度：0.01mm~0.02mm
Progressive die stamping equipment
Cycle Time：100 pcs~200 pcs/ min
Precision：0.01 mm~0.02 mm



新一代自主研发保持架卷焊设备
节拍：30 pcs/分钟
加工精度：0.05 mm
Cage welder
Cycle Time：30 pcs/min
Precision：0.05 mm



自主开发的OAP全自动装配线
节拍：3 pcs/分钟
OAP automated assembly line
Cycle Time：3pcs/min



具备国际一流水平的全自动滚针轴承装配线
top level Automated needle bearings assembly line



全自动机器人生产线
Automated feeding system



热处理设备

Heat treatment equipment



滚珠丝杆螺纹磨床
Thread grinding machine

滚珠丝杆装配线
Ball screw assembly line

感谢您的聆听
Thanks for Your Attention
祝你有个美好的一天
Have a Nice Day!



Tel : +86-519-86552111 <http://www.nf-precision.com>