

Arnold Magnetic Technologies 的生产永久磁铁及其组件的分支机构，是制造开发经营高性能磁铁和精密磁性组件的世界级一流创新者，在美国、英国、瑞士和中国均设有工厂和分部。

永久磁铁和组件

永久磁性材料

- RECOMA® 钕钴
- 铝镍钴（铸造与烧结）
- 钕铁硼
- 铁氧体（陶瓷）复合材料
- 注塑成型磁铁

精密磁性组件

- 转子、套管、定子
- 执行器、传感器
- 径向定向环系统（陀螺仪）
- 带卷金属薄片电磁铁（光束聚焦）
- 定制设计

工程与咨询

我们的工程师与客户合作，并设计、优化及开发精细部件和精密磁性组件，以满足客户苛刻的要求。

磁铁制造能力

- 压制成型
- 切片
- 表面和倒角磨削
- 放电加工机
- 磁化
- 加固和校准
- 测试
- 表征
- 电镀/涂层

组件制造能力

- 轮毂、转子、汽缸和套管的加工
- 内部模具设计和制造
- 套管
- 平衡
- 内径切割和磨削
- 三坐标测量机 检测
- 胶合
- 环氧灌封
- 涂料涂层
- 序列化

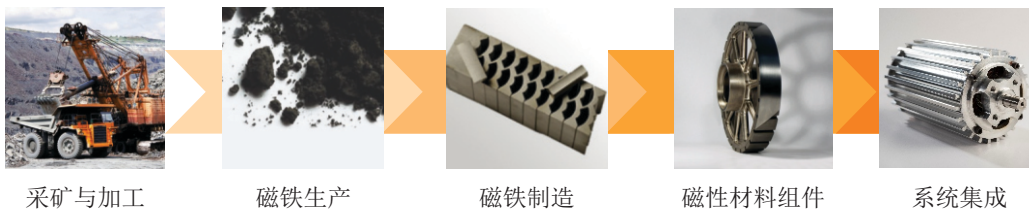
争取时间，早日合作：

- 磁性材料咨询
- 磁铁设计及建模协助
- 磁性组件设计协助
- 快速原型设计
- 磁性材料和环境保护测试服务

认证 ISO 9001:2015
ISO 14001
TS16949

确保供应链稳定

全面集成的供应链，从采矿到系统



全球市场服务

航空航天与国防
医疗设备

石油天然气
能源生产

电动与混合动力电机
赛车

工业
消费电子产品

ARNOLD 永久磁铁和组件 | 美国: 800.545.4578 | infoNA@arnoldmagnetics.com | arnoldmagnetics.com
英国: (+44) (0) 1909 772021 | infoUK@arnoldmagnetics.com | 亚洲: (+86) 755 8172 9700 | infoAP@arnoldmagnetics.com



共同工程解决方案

扫描以获得更多
PMAG 信息





The Permanent Magnets and Assemblies Division of Arnold Magnetic Technologies is a world-class innovator in manufacturing high-performance magnets and precision magnetic assemblies with facilities in the United States, United Kingdom, Switzerland and China.

PERMANENT MAGNETS & ASSEMBLIES

Permanent Magnet Materials

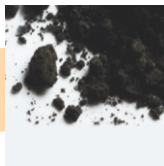
- RECOMA® Samarium Cobalt, DFAR
- Alnico (cast & sintered), DFAR
- Neodymium-Iron-Boron
- Ferrite (Ceramic) Composites
- Injection Molded Magnets

Magnet Fabrication Capabilities

- Press to Shape
- Slicing
- Surface and Angle Grinding
- EDM
- Magnetizing
- Stabilization and Calibration
- Testing
- Characterization
- Plating/Coating

Security of Supply Chain is Ensured

Fully integrated supply chain, from Mine to System



Mining & Processing

Magnet Production

Magnet Fabrication

Magnetic Assemblies

System Integration

Precision Magnetic Assemblies

- Rotors, Sleeves, Stators
- Actuators, Sensors
- Radially Oriented Ring Systems (Gyroscopes)
- Wound Foil Electromagnets (Beam focusing)
- Custom Designs

Assembly Manufacturing Capabilities

- Machining of Hubs, Rotors, Cylinders & Sleeves
- Internal Tooling Design & Build
- Sleeving
- Balancing
- ID Cutting and Grinding
- CMM Inspection
- Gluing
- Potting with Epoxy
- Paint Coating
- Serializing

Engineering & Consulting

Our engineers partner with customers to design, optimize and develop sophisticated components and precision magnetic assemblies to meet demanding requirements.

Save Time - Collaborate Early:

- Magnetic Consulting
- Magnet Design & Modeling Assistance
- Magnetic Assembly Design Assistance
- Rapid Prototyping
- Magnetic and Environmental Testing Services

Certifications ISO 9001:2015
ISO 14001
TS16949

Global Markets Served

Aerospace & Defense
Medical Devices

Oil & Gas
Energy Generation

Electric & Hybrid Motors
Motorsports

Industrial
Consumer Electronics

ARNOLD PERMANENT MAGNETS & ASSEMBLIES | US: 800.545.4578 | infoNA@arnoldmagnetics.com | arnoldmagnetics.com
UK: (+44) (0) 1909 772021 | infoUK@arnoldmagnetics.com | AP: (+86) 755 81729700 | infoAP@arnoldmagnetics.com

PMAG736020-CN-rev. 3/22



Scan For
More PMAG Info

