

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

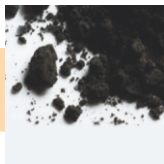
- RECOMA® Samarium Cobalt, DFAR
- Alnico (cast & sintered), DFAR
- Neodymium-Iron-Boron
- Ferrite (Ceramic) Composites
- Injection Molded Magnets

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
AS 9100 Rev D

Arnold is a US-based corporation which is ITAR registered with the U.S. Dept. of State. We take pride in complying with applicable government requirements throughout our organization.



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Medical Devices

Oil & Gas
Energy Generation

Electric & Hybrid Motors
Motorsports

Industrial
Consumer Electronics

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