

The AML Difference – Magnets Made in America



What separates AML from the rest?

To compete in the United States with global market – you must be able to produce high volume, cost-competitively, and add product value. **AML can do all three.**

Ideal magnetic distribution, single-piece “Halbach Arrays”, long-lengths with the ability to design in shapes and curvatures that provide applications expanded benefits, including building a magnet around less REE (or non-REE) material attributes.

	AML	Other Magnet Mfg's
Magnet design	Shapes, sizes, lengths, different magnetizations	Block magnets, magnetized in one direction
Equipment & Capabilities	Automated by design, incorporating standard equipment	Standard equipment for sintered manufacturing with some automation
Manufacturing Processes	High-rate, high yield, automated by design, flexible, and lower capex	Laborious, rigid, non-interchangeable, higher capex
Supply Chain	All magnet materials REE, Non-critical REE, REE-Free	REE - Neodymium Iron Boron REE – Samarium Cobalt



AML PM Magnets



Conventional Sintered Magnets