



SOVEREIGN PROPULSION FOR EUROPE

CHINA-FREE DRONE MOTORS

Designed in Finland for secure
European supply chains.

98% of EU rare-earth magnet
demand is met by Chinese
imports.

Source: European Commission

Midguard Systems develops high-performance BLDC
motors designed from scratch for European magnet
grades. Local assembly alone does not remove
supply-chain dependency.



3220 BLDC MOTOR | PRE-PRODUCTION

700 KV endurance | 950 KV fast response

3220

MOTOR PLATFORM

700 / 950 KV

CONFIGURATIONS

6S

CURRENT SETUP

~160 g

MOTOR MASS

2.14 kW

PEAK INPUT

~5.5 kgf

PEAK OBSERVED

WHY IT MATTERS

EUROPEAN DESIGN. FINNISH PRODUCTION.

- Designed for European magnet grades
- China-free strategy for critical components
- Finnish pilot production planned
- Configurable platform for air, land and sea

Independent OAMK bench testing, June 2026. Current pre-production configuration.



BUILDING FINLAND'S SOVEREIGN DRONE PROPULSION