

Motion Makes the Mission



Electro-Optical / IR Stabilized Platform Motors

When the mission is critical, aerospace and defense contractors trust high-performance motion solutions from Kollmorgen to minimize program risk, control costs and get the job done right

Kollmorgen Heritage

- Kollmorgen has been helping innovate stabilized electro-optical sensor platforms worldwide, with industry leading motor technology since the 1980's.
- Kollmorgen has a 100 year history with 70+ Years of designing, manufacturing and delivering motion component products into Aerospace & Defense applications.

Domain Expertise

- Azimuth / Elevation for Stabilized Platforms, Positioning Sensor Arrays, Focus Mechanisms, Missile Tracking Systems
- Smooth, accurate motion for high shock/vibe environment
- Programs: MX-20 [Navy], 380-HD, 280-HD, ESS, Combat Craft, VSQ-3, DB-110 Sensor, HPME, NTSU, ATIRCM, CIRCM, BoldStroke, Photonics Mast, others ...

Deploy Your System on Time and on Target

- Weapons stations and gun turrets
- Missile guidance and precision-guided munitions
- Radar pedestals and tracking stations
- Unmanned ground, aerial and undersea vehicles
- Ground vehicles and sea systems
- Aircraft and spacecraft systems
- Camera gimbals
- IR countermeasure platforms
- Laser weapon platforms





Solutions

- Standard catalog and customized motor solutions employed
- High torque & power to weight ratio, large thru-bore designs
- Frameless components, sub-assemblies, actuators
- From 1" to 1 meter diameter, standard, non-ITAR product range allows for FMS opportunities
- Motor Solutions Optimized for weight, performance & durability

Risk Mitigation

- Kollmorgen has more than 70 years of experience and has been supplying mission-critical motion solutions for aerospace and defense applications since the early 1950s
- Backed by Fortive, we're a large multinational corporation with manufacturing on three continents and global distribution
- With a wide range of standard options and customization capabilities, we collaborate with you to deploy rugged, battle-worthy motion solutions engineered and built to meet your singular requirements
- We have proven capabilities to support your needs from initial concept through full-scale production

Kollmorgen Motion for Aerospace & Defense

- Direct drive servo motors – housed, frameless and cartridge
- Brush and brushless torque motors
- Standard and customized servo motors
- Stepper motors
- Servo and stepper drives
- Linear actuators
- Gearboxes
- Controls

Let's Get Your Program Moving

Contact your Kollmorgen representative to discuss your application and how we can help you bring it to action with less cost, time and risk. Ask about how Kollmorgen can provide your team with an overview of our expertise and technology training that will foster success for your program. Because the operators at the controls deserve nothing less.

Learn more at www.kollmorgen.com/aerospace-and-defense