

Remote Weapon Systems



Protecting the Warfighter

Remote weapons stations are designed to allow soldiers to remove soldiers from the line of fire, while providing a secure method of force protection. Reliable, accurate, stabilized systems are critical to the success of these systems.

Heritage

- Kollmorgen has been at the forefront of remotely operated weapon system innovation, providing critical motion technology on sea and land around the world for over 30 years
- Kollmorgen has a 100 year history with 70+ Years of designing, manufacturing and delivering motion component products into Aerospace & Defense applications.

Domain Expertise

- Weapon & Sensor Azimuth & Elevation Motors, Weapon Arming Actuation, Ammo Autoloading
- Hydraulic-to-Electric Conversion
- Smooth, accurate motion for high shock/vibe environment
- Durability for extreme conditions at high altitudes
- Programs: CROWS Protector, Enforcer, Katlanit, ARROWS, K30 BIHO, FAADS, MK-02 Phalanx, Goalkeeper, Centurion

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





Application Expertise

- Azimuth & Elevation – optimum compact designs ideal for smooth, rapid, precise movements.
- Cocking Mechanism Actuation – lightweight, compact, ruggedized solutions
- Auto Loader – rugged, compact, high speed performance
- Hydraulic to Electric Conversion – Environmentally friendly safe technology
- Sight Sensor Drives – smooth, precise motion control

Reliability and Support

- Continuity of supply and support throughout the product lifecycle
- Hundreds of thousands of fielded units in mission critical applications

Stability and Trust

- Long-term strategic partner in business for over 100 years
- Proven infrastructure, commitment and capability to support the most sensitive programs



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