

Unmanned Systems



Unmanned systems enable the warfighter to stay a safe distance from harm's way while performing the Dull, Dirty, Dangerous and Denied-access missions the environment demands. Accurate, reliable, durable motion solutions in a compact form factor are critical for mission success.

Kollmorgen Heritage

- Kollmorgen has been at the forefront of innovation in robotics and unmanned systems since the early 1990's.
- Kollmorgen has 70 years' experience in designing, manufacturing and delivering motion component products into Aerospace & Defense applications.

Our Expertise

- Landing gear actuation, propulsion, power generation
- Camera stabilization, optic/targeting azimuth & elevation, cooling pumps
- Smooth, accurate motion for high shock and vibration environments
- Durable, reliable designs for the harshest conditions from extreme ocean depths to outer space

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
- 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 and durability

Rely on Kollmorgen

- With the widest range of standard and custom motion solutions, we collaborate with you to deploy rugged, battle-worthy systems engineered and built to meet your singular requirements
- The hundreds of thousands of fielded units in mission critical applications powered by Kollmorgen attest to the durability and reliability of our motion solutions
- Our global manufacturing and supply chain footprint assures you short lead times, efficient logistics, and reliability -- from prototype 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.

Learn more at www.kollmorgen.com/unmanned

