

KOLLMORGEN

MISSILES AND GUIDED MUNITIONS

The Kollmorgen Advantage



It takes perfect motion in seeker head, fin actuation and wing deployment systems to ensure precise targeting.

It also takes a motion partner who can work with you to co-engineer the ideal solution for your application and supply it reliably—from prototype through validation, from deployment through the entire program lifecycle.



Kollmorgen delivers:

- The widest range of motors, with thousands of standard modifications and fully customized solutions available
- Industry-leading torque density and power-to-weight ratios
- Frameless components, sub-assemblies and actuators, including large through-bore designs
- From 1" to 1 meter standard, with a non-ITAR product range that allows for FMS opportunities
- Motor solutions optimized for weight, performance & durability

MORE AMBITIOUS MOTION DESIGN

With more than 100 years of motion leadership—including more than 70 years designing, manufacturing and delivering motion products for defense applications—Kollmorgen ensures superior motion performance for mission-critical applications.



MORE CAPABLE MISSILE ENGINEERING

We offer an unmatched selection of standard and easily modifiable designs, with the co-engineering expertise to help you achieve the ideal actuation concept and motor fit for your application. Our modular approach enables us to modify motors as needed and ramp up to full-rate production quickly and cost-effectively, keeping your program on time and on budget.



MORE CONFIDENT PROGRAM DELIVERY

With Kollmorgen on your side, you have a powerful set of self-guided design tools. Direct access to motion experts who collaborate with you to improve the performance, quality, manufacturability and cost of your application. And confidence in a partner with demonstrated success in sustaining supply and managing costs across decades of aerospace and defense program deployments.



DESIGNED AND BUILT FOR ANY MISSION

Our motors provide maximum torque density and power-to-weight ratio in designs that are unsurpassed for compact size and light weight. And as a result of our continuous advancement in material science and motor design, Kollmorgen motion systems are proven battleworthy under the most extreme conditions of temperature, shock, vibration and altitude—even in supersonic and hypersonic flight.

SURFACE-TO-AIR MISSILES

Kollmorgen supplies motors for controlling seeker heads and fin actuators in surface-to-air missiles, including those designed for rapid, short-range maneuverability in defense against supersonic antiship missiles.

AIR-TO-AIR MISSILES

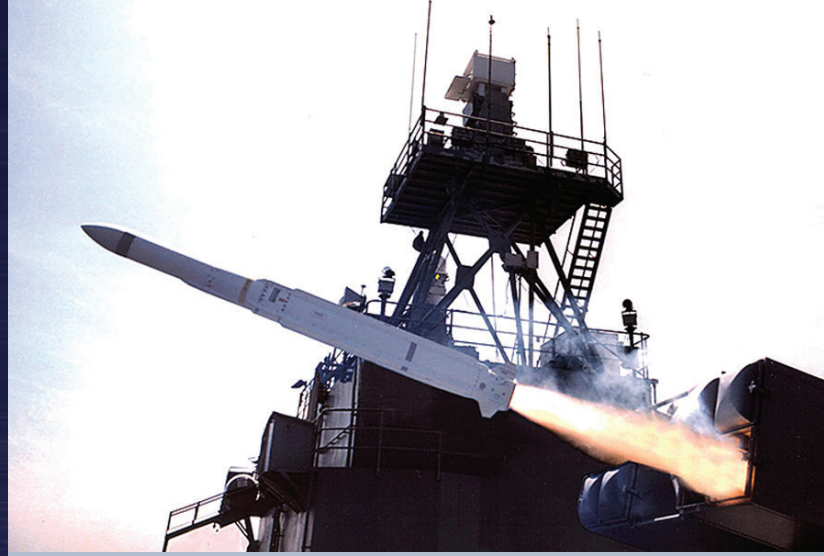
A variety of air-to-air missile programs rely on Kollmorgen motion products, including radar-homing missiles that provide beyond-visual-range strike capability for the Army, Air Force, Navy and Marine Corps.

SHIPBORNE MISSILES

Vertical launching systems rely on Kollmorgen motion to provide rapid-fire launch capabilities for a wide range of shipborne standard, anti-aircraft and anti-submarine missiles.

INTERCEPTORS

Kollmorgen motion is used for control of seeker heads and missile launcher platforms for small and light infrared-homing surface-to-air missiles designed to defend against antiship missiles, among other interceptor programs.



ENGINEERED FOR PROGRAM SUCCESS

Our senior engineers have decades of tried and true experience—including a deep understanding of how defense programs work, gained through a long history and wide range of projects. Kollmorgen's expertise and capabilities are equal to your toughest assignment. Our missiles and munitions application team is ready for action, so let's get started. Contact us at kollmorgen.com/contact-us



For Answers, Partner With Kollmorgen

Kollmorgen is more than a supplier. We're a partner, dedicated to your success. We give you direct engineer-to-engineer access to the designers who create our motion systems and who understand how to address specialized defense requirements. Our self-guided design tools help you model, choose and optimize products online. And with our global footprint of manufacturing, design, application and service centers, you always have access to dependable supply, co-engineering expertise and personalized support that no other partner can provide. For superior motion performance in seeker heads, fin actuators, launch systems and more, we can help you engineer the exceptional.

Ready to discover all your defense system is capable of?

Visit www.kollmorgen.com/aerospace-and-defense

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