

MOTION CONTROL SOLUTIONS

Your Partner In Creating Customized Motors,
Generators, & Threaded Products
Engineered To **Perform** In Harsh Environments



MTI Motion, formerly Montevideo Technology, creates **customized** motion solutions for critical applications in harsh environments.

- Manufacturing since 1946
- Non-traditional defense contractor
- Specializing in custom solutions
- State-of-the-art manufacturing in U.S. & Mexico

CAPABILITIES

We design, test, and manufacture.

- Onsite new product development
- Rapid prototyping
- Automated high volume production
- Small batch/low volume production
- Products designed to your specification or Build-to-Print
- Automated electrical testing
- Windings & integrated assemblies
- End-to-end client engagement support
- Repair & overhaul



PRODUCT PORTFOLIO



Motors

- Brushless DC Motors - Size 4 and Up
- Brushed DC Motors - Size 10 and Up
- 3-Phase AC Motors - 60 to 400 Hz
- Frameless Motors



Generators

Custom AC induction & permanent magnet generators up to 1 megawatt



Ball Screws & Lead Screws

High-efficiency custom ball screws and lead screws that meet customer's specific applications with backlashes down to zero.



Motor and Ball Screw Assemblies

MTI integrates precision ball screw shafts with permanent magnet rotors providing a one-piece assembly.



All products are U.S. made with the ability to leverage high-volume production in our facility in Mexico

MTI Motion

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APPLICATIONS



Air

Guided Munitions:

- Flight Controls
- Wing Deploy
- Seeker Motors
- Launchers

Commercial / Defense Aircraft Systems:

- Air Handling
- Lavatory Pumps
- Electric Braking
- Hydraulic Pumps
- Cargo Systems
- Cockpit Controls
- Weapon Systems

Engines:

- Thrust Reversers
- Fuel Pumps
- Starter / Generators
- Valve Controls



UAV Unmanned Systems:

- Pylon Conversion
- Propeller Controls
- Main Propulsion
- Power Generation



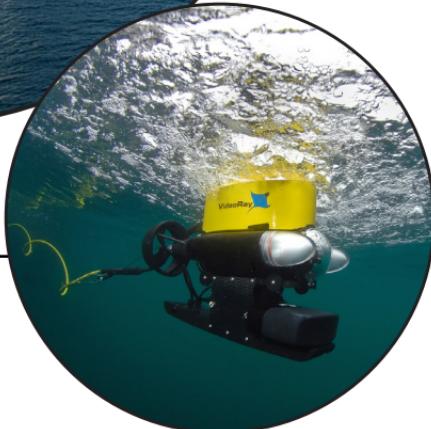
APPLICATIONS



Land

- Tank Sight Adjustment Ball Screw
- Turret Drives
- Crew-Served Weapons
- Power Generation
- Fire Control
- Ammo Handling





Sea

- Pedestal Drives
- Engine Starter/Generator
- Underwater Propulsion & Guidance
- Weapon Systems





We operate three strategically located manufacturing facilities to efficiently serve our customers, ensuring high-quality production, faster lead times, and reliable support.



We Support You:

Ground-Up Design

Engineering Expertise & Support

Rapid Prototyping

Low-Volume/High-Volume Production



Visit Our Website

CONTACT US:

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