

GENERAL DYNAMICS

SAN DIEGO OPERATIONS

Motor Development
& Motion Control

OTS FACILITIES

SAN DIEGO, CA

LOCATION OVERVIEW

General Dynamics Ordnance and Tactical Systems offers a comprehensive line of brushless and brush-type motors designed to meet a wide range of requirements. We also design and develop motors to meet custom specifications.

General Dynamics' Motion Control leverages our motor and resolver technologies to provide some of the industry's most precise motion control systems, such as pan and tilt systems, gimbals, and actuators. The integrated resolver in our pan and tilt system is directly coupled to each axis for superior control and accuracy, making them ideal for long range electro-optical and infrared camera systems. Our systems support a wide variety of payloads and sensors for increased mission flexibility.

KEY PROCESS CAPABILITIES

- » Brush and brushless high torque DC motors
- » High accuracy low profile resolvers
- » Two axis pan and tilt systems

FAST FACTS

- » Custom motion control solutions for high reliability applications
- » Complete magnetic design capabilities
- » Electrical and software design capability
- » Over 1,000 motor and resolver designs to choose from
- » 65,000 square foot production facility



- » Custom integrated motion control solutions
- » Space rated motion control actuation

www.gd-ots.com

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