

TURRET SYSTEMS AND ACCESSORIES

Control Solutions LLC® solves tough problems for military tactical vehicles.

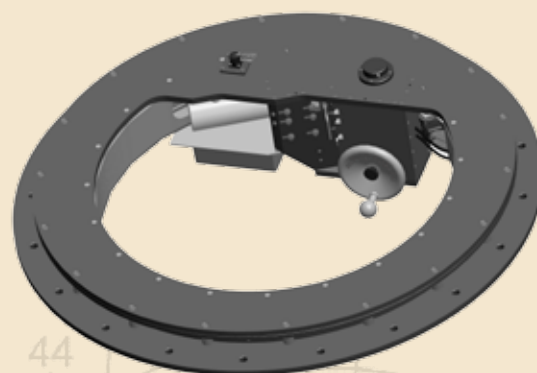
Control Solutions provides turret systems and accessories for light to heavy payload tactical wheeled vehicles. We can design the following products for your vehicle.

- Heavy to Light Turrets
- Large to Small
- Powered or Manual
- Motor/Drive/Transmission Technologies
- Several Powering Options
- Joystick Options and Sizes
- Gunner Protection Kits
- Accessories

CS6400 Heavy Duty Turret (HDT)

Armored tactical vehicles require a larger turret capable of supporting heavier weapon systems and armored gunner protection kits (GPKs). The Heavy Duty Turret (HDT) by Control Solutions is a cost-effective and robust solution designed to meet the most demanding end user requirements.

- Ideal for MRAPs and larger military APCs
- Can support up to 952 kg payload
- Ideal for supporting the weight of heavy ballistic steel gunner protection kits
- Battle-tested drive system
- One finger motorized operation on the move
- Easy vehicle integration and installation
- Self-contained power slip ring eliminates the need for external battery box. Can be powered from vehicle battery
- Customizable
- Can support various weapon configurations, up to .50 cal/12.7mm.



CS6400 Heavy Duty Turret (HDT)

CS5200 Lightweight Motorized Turret

The Lightweight Motorized Gun Turret (LMGT) provides a new one-piece system that can be easily mounted on almost any vehicle. Reducing the vehicle weight will continue to be a key requirement of military and police forces worldwide.

- Lightest turret on the market (75 kg)
- Ideal for ULCV/fast attack/recon vehicle platforms
- Perfect for non-tactical vehicles and concealed armored vehicles
- Stowable/"pop-up" integrated weapons variant available
- One-finger motorized operation on the move
- Rotates 360° in less than 7 seconds
- Easy vehicle integration and installation
- Self-contained power slip ring from vehicle battery
- Supports multiple weapon systems
- Optional gun shield and gunner protection kits in steel or ceramic armor
- Adjustable gun mount pintle from -15 to +30 degrees



CS5200 Lightweight Motorized Turret

CUSTOM SOLUTIONS

CS5300 Series Lightweight Manual Gun Turret

- Common ringmount solution for various vehicles
- Fixed A Frame or Flex A Frame Elevation
- Easy vehicle integration and installation
- Supports multiple weapon systems
- Adjustable gun mount pintle from -15 to +30 degrees
- Optional gun shield and gunner protection kits in steel or ceramic armor

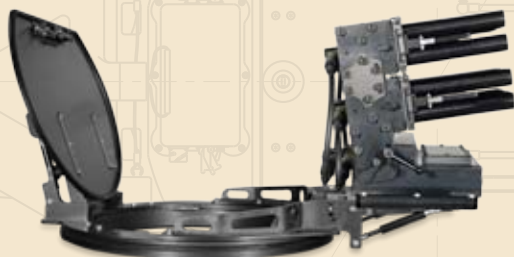
Lightweight Turret Applications

The **CS5000 Series** of lightweight turrets are ideal for many uses including but not limited to, military police, SWAT, boarder guard post and other vehicles where you'll need extra protection.

Custom and Non-lethal Solutions



We can design and configure our turrets for non-lethal applications as well.



CS5200 non-lethal weapon system.



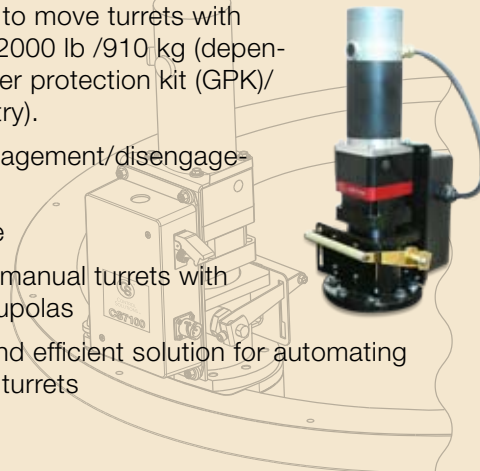
Visit our website:
www.controls.com



The CS7100 Turret Drive System (TDS)

The CS7100 provides smooth, proportional acceleration and control of tactical vehicle turrets. This fully integrated proprietary system combines a rugged military-grade variable speed motor and battle-tested DC motor controller into one easy to install assembly.

- Turret Drive System for tactical vehicles
- Provides power to move turrets with payloads up to 2000 lb /910 kg (dependent upon gunner protection kit (GPK)/ weapon geometry).
- Easy to use engagement/disengagement handle
- Manual Override
- Ideal for driving manual turrets with heavy GPKs /cupolas
- Cost effective and efficient solution for automating existing manual turrets

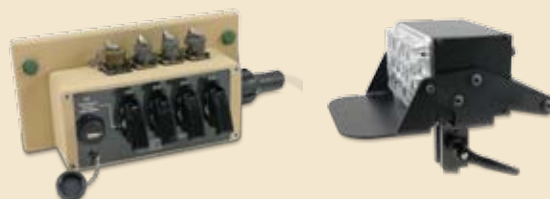


Accessories

In addition to the turret itself, we offer multiple user interface/ actuation products to fit your end-user's needs. Some of our best selling products are our **CS3210A** Thumbdrive and the **CS3310** Fingertip Weapon Mounted Turret Controllers (WMTC). The WMTC allows the gunner to rotate the turret by moving the thumb or fingertip controlled joystick without taking your eyes off target. This allows for increased speed in target acquisition, more accurate firepower placement on target, and conservation of ammunition in a firefight.



Need to distribute power in your turret? Try our **CS2150 Auxiliary Power Module** with it's many power options and USB charging port. If you need to see in the dark, try our **CS3460 Gun Turret Spotlight**, with high-intensity white LED and IR light to see the enemy up to 150 meters.



CONTROL SOLUTIONS LLC™
2520 Diehl Road, Aurora, Illinois 60502
Tel: 630.806.7062 Fax: 630.806.7065
www.controls.com

