



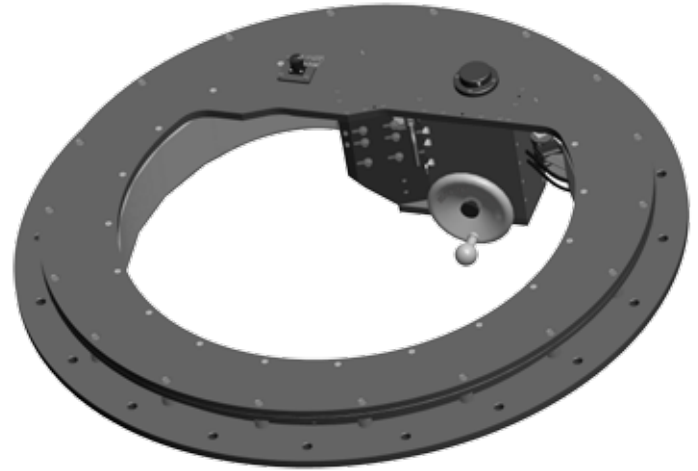
## CS6400 Series

# Heavy Duty Turret (HDT)

## Manual Hand Crank

### Features/Benefits

- Supports payloads up to 2200 lbs.
- One finger motorized operation on the move
- Ideal for APC's with ballistic steel gunner protection kits.
- Common ring-mount solution for various vehicles
- Easy vehicle integration and installation
- Supports multiple weapon systems
- Self contained power slip ring allows turret to be powered from vehicle, eliminates the need for external batteries.
- Manual Override



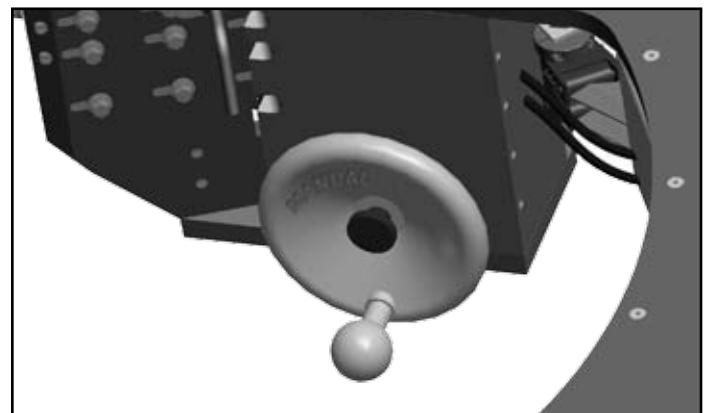
### Description

When your tactical wheeled vehicles need a larger turret capable of supporting heavier weapon systems, the Heavy Duty Turret (HDT) by Control Solutions meets those specifications.

With our line of turret accessories, slip rings, hatches, gun mounts, weapon-mounted controllers, spotlights, auxiliary power modules, gunner protection kits and more, the HDT system has the flexibility you can spec for your tactical vehicle.

### About Us

Designing and manufacturing field-hardened systems to meet the challenges of the military for over 20 years. Control Solutions LLC, your rapid-response provider of motion control solutions.



Rotate the CS6400 HDT Series via the hand crank.



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# CS6400 Series

## Heavy Duty Turret (HDT)

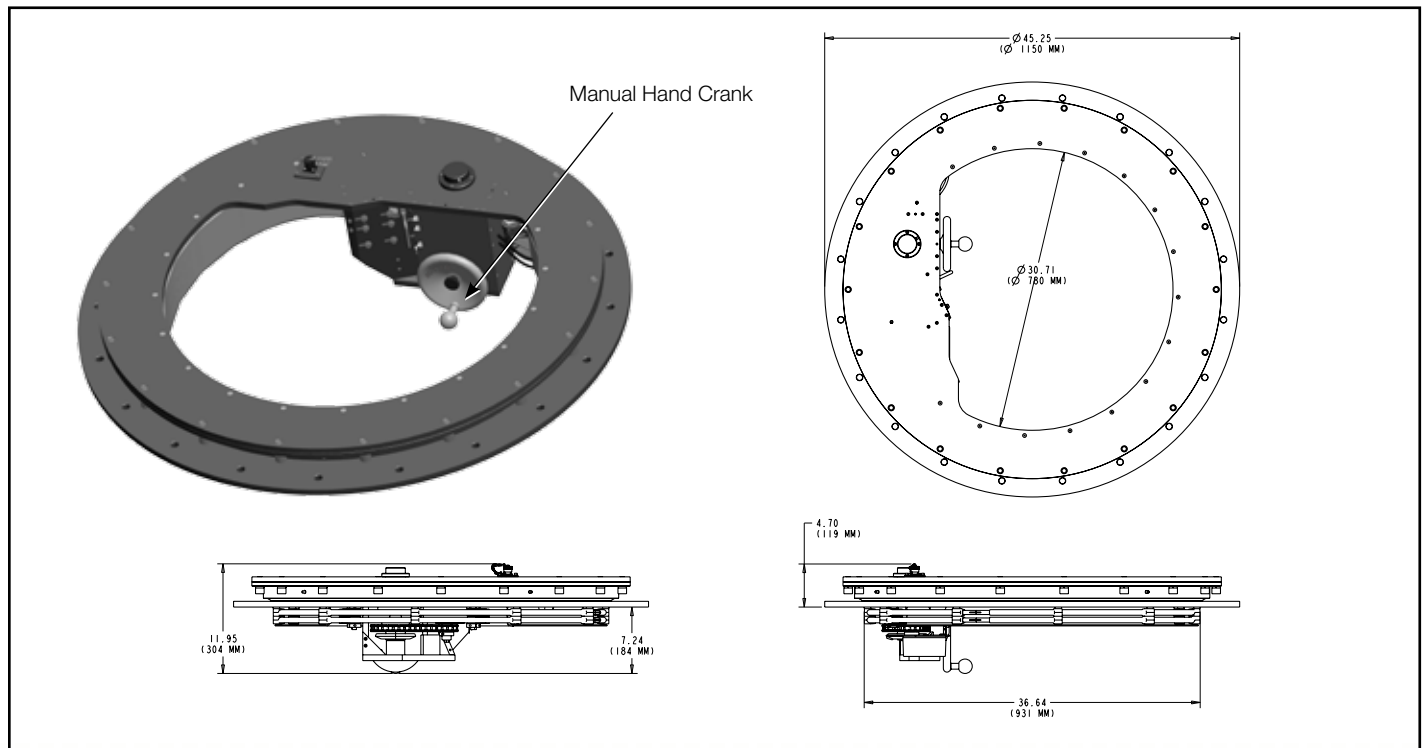
### Manual Hand Crank

#### Specifications

Heavy Duty Turret	
Maximum Supported Weight	2200 lbs.
Overall weight, pounds (metric)	490 lbs (222) [ without weapon or pintle mount ]
Turret Ring Diameter, Inches (mm)	ID: 30.7 (780) – OD: 45.25 (1150)
Vehicle interface mount plate inches (mm)	Overall OD: 45.25" (1148 mm), Vehicle Mount BC. Dia.: 42.25" Dia. (1073 mm) Qty. 20 clearance holes: .65" (16.51 mm). Required ID clearance: 37.25" (946 mm)
Gun Mount interface plate	Overall OD: 41.25" (1048 mm), B.C. Interface 40.13" (1019 mm) Qty. 18 0.50"-13UNC. Internal gunner clearance 30.7" (780 mm) Dia. minus gear drive train provisions.
Height above vehicle mount interface (fay surface)	Top plate surface: 3.3" (84 mm), Top Plate Bearing Cap 4.7" (119).
Depth below vehicle mount interface (fay surface)	Slip ring guard: 2.1" (53 mm), Bottom of drive unit: 6" (152 mm), Note: Distance manual drive wheel extends below bottom of drive unit depends on wheel diameter selected.
Armament	Can be manufactured to: NATO or Non-NATO specifications
Manual hand crank operation	Yes
Protection for gunner	GPK can be provided per customers specifications
Overhead protection	Ballistic hatch cover can be provided per customer specification.

All specifications subject to change without notification.

#### CS6400 Series Diagram



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