

TMT SERIES ~ Truck-Mounted Tower System

- » Customized 2x4 or 4x4 HD Truck with Integrated Tower System; 19,500lb/8,843kg to 33,000lb/14,966kg GVWR
- » ITS Custom Truck Bed with Heavy-duty Outrigger Stabilization; Automatic Transmission, HD Suspension
- » ±106' (33m), ±89' (27m), ±72' (22m) & ±55' (17m) Self-Supporting & Guy Capable Tower Elevations
- » Fully Automatic, Direct Drive Tower Operating System; No Belts, No Chains, No Guy Wires Required
- » ±550 lb/250kg to ±750lb/340kg Standard & Upgraded Tower Load Capacity; 120-220VAC/60-50Hz Configurations
- » Greatest Self-Supporting and Guyed Antenna Load Capacity of Any Comparable Tower System
- » Power Generation, Antenna and Satellite Platforms; Custom Equipment Cabinets and more



Model Series Summary:

The **TMT Model Series** designates a 19,500lb/8,843kg GVWR (4x4 Dodge RAM 5500, Ford F550, or equivalent) to 33,000 lb/14,966kg capacity GVWR (F750 or equivalent), or larger truck and integrated tower system designed to transport and support at site a truck bed payload of up to ±6,000lbs/2,721kg or more of ITS and/or customer-supplied equipment. A multi-section ~ 21'0"/6.4m each, lattice steel telescopic structure is designed to transport horizontally over the truck's cab and automatically tilt by means of a heavy-duty, chrome plated hydraulic cylinder. The tower system is raised to its full extension utilizing a direct drive, minimum 1HP, totally enclosed fan cooled (TEFC), wash-down rated electric winch motor and gearbox assembly. ***This Truck-mounted Tower System is capable of being deployed, elevated to its full-extended height, and secured by a mechanical tower lock mechanism by one person in under 30 minutes.***

TMT Series Truck: (Representative 19,500 GVWR Dodge RAM 5500)

- GVWR from 19,500lb / 8,843kg Capacity; Diesel Truck
- 6.7L Cummins® Turbo Diesel Engine; 189" - 196" WB
- Typical 305 HP; 6-Speed Automatic Transmission
- To ±3,500lb/1,587kg Truck Bed Payload Capacity
- Driveline – 4WD; Front/Rear Disc Brakes
- Displacement – 409ci/6700cm; Bore 4.21"/Stroke 4.88"
- 6 Cylinders; 24 Valves / OHV; Torque – 610 lbs
- Compression Ratio 17.2:1; Final Drive Ratio – 4.10:1
- To ±52-Gallon Standard Fuel Tank Capacity; Heavy-Duty Springs
- ±11'8" Transport Height; ±8'0" Width and ±30'0" Length
- 15,000 lb/6,803kg Static Capacity Landing Gear and Outrigger Jacks
- Four (4) Heavy-Duty Retractable and Locking Stabilizing Outriggers
- Full Sized Spare – 225/70R 19.5F All Traction Tires
- Locking Storage Box, Jack Transport Mount, Sand/Marsh Jack Shoes
- DOT Safety Decals; Reflectors; Multiple Perimeter Bubble Levels
- ITS Black Painted Structure with Impact/Weather Resistant Coating

Standard ITS "B" Series Tower: Elevations ~ ±106' (33m), 89' (27m), 72' (22m) & 55' (17m)

- Self-Supporting and Guy Capable Steel Tower Structures
- To ±550lb/250kg - 750lb/340kg Lift and Tilt Capacity
- Full Automation; Multiple Limit Switch Controls
- From (3) to (6) 21'0"/6.4m Each, Galvanized Sections
- ¼" & 5/16" 7x19 Aircraft Quality Galv or Stainless Cables
- Electronic Safety & Motor Protection Features
- Solid State Control Circuitry; Locking NEMA Enclosure
- Min. 1HP TEFC Motor/Gearbox Assembly; Weather Rated
- Hydraulic Tilt Assembly with Integrated Safety Features
- Heavy-Duty Galvanized Tower Base Support Structure
- Direct Drive Telescopic Winch/Motor Assembly ~ No Belts/Chains
- Two (2) to Five (5) Coax/Cable Rings; Min. 15'0"/4.6m Power Cable
- Positive Pull Down and Redundant Tower Cabling Systems
- 120VAC/60Hz and 220VAC/60-50Hz Power Configurations Offered
- Extended Tower Locking Mechanism; Tower Transport Locks
- Optional 3-Arm Antenna, Camera and/or Pan/Tilt Mounts
- Optional Multi-level Guy Kit, Anchor and Torque Arm Assemblies
- Optional Lightning Protection and Grounding Packages
- Optional Aviation Obstruction Lighting; Halogen Work Lights
- Power Generation, Climate Controlled Electronics Cabinets & More