

TMT SERIES ~ Truck-Mounted Tower System

- **Customized 4x4 Diesel Truck with Integrated Tower System; Min. 19,500lb/8,843kg Capacity GVWR**
- **ITS Truck Bed with Heavy-duty Telescopic Outrigger Stabilization; Automatic Transmission**
- **$\pm 106'$ (33m), $\pm 89'$ (27m), $\pm 72'$ (22m) & $\pm 55'$ (17m) Self-Supporting & Guy Capable Tower Elevations**
- **Fully Automatic, Direct Drive Tower Operating System; No Belts, No Chains, No Guy Wires Required**
- **To 550 lb/250kg Standard 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 minimum 19,500lb / 8,843kg capacity GVWR, HD 4x4 Dodge RAM® 5500 diesel truck and integrated tower system designed to transport and support at site a truck bed payload of up to $\pm 3,500$ lbs/1,587kg 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 1-HP, 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: Minimum 19,500 lb/8,843kg Capacity GVWR

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| <ul style="list-style-type: none"> • GVWR Min. 19,500 lb/8,843kg Capacity 4x4 Diesel Truck • 6.7L Cummins® Turbo Diesel Engine; Min. 192.5" WB • Standard 305 HP; 6-Speed Automatic Transmission • To $\pm 3,500$lb/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 | <ul style="list-style-type: none"> • ± 52-Gallon Standard Fuel Tank Capacity; Heavy-Duty Springs • $\pm 11'8"$ Transport Height; $\pm 8'2"$ Width and $\pm 29'0"$ Length • 15,000 lb/6,803kg Static Capacity 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 Mounts, • DOT Safety Decals; Reflectors; Multiple Perimeter Bubble Levels • Custom <i>ITS</i> Black Painted Truck Bed with Galvanized Deck Panels |
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IT Series Tower: Standard Elevations ~ $\pm 106'$ (33m), $89'$ (27m), $72'$ (22m) & $55'$ (17m)

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| <ul style="list-style-type: none"> • Self-Supporting and Guy Capable Steel Tower Structure • To 550 lb/250 kg Standard Tower Top and Tilt Capacity • Full Automation; Multiple Limit Switch Controls • From (3) to (6) 21'0"/6.4m Each, Galvanized Sections • $\frac{1}{4}$" & $\frac{5}{16}$" Aircraft Quality Galvanized/Stainless Cables • Electronic Safety & Motor Protection Features • Solid State Control Circuitry; Locking NEMA Enclosure • Min. 1-HP TEFC Motor/Gearbox Assembly; Weather Rated • Hydraulic Tilt Assembly with Integrated Safety Features | <ul style="list-style-type: none"> • Direct Drive Telescopic Winch/Motor Assembly ~ No Belts/Chains • Multiple Coax/Cable Rings; Min. 12'0"/3.7m Power Cable • Positive Pull Down and Redundant Tower Cabling Systems • 120-220VAC/60-50 Hz Power Configurations Offered • Extended Tower Locking Mechanism; Tower Transport Locks • Standard 3-Arm Antenna, Camera or Pan/Tilt Mounts • Heavy-Duty Galvanized Tower Base Support Structure • Optional Aviation Obstruction Lighting; Work Lights; Grounding • Power Generation, Climate Controlled Electronics Cabinets & More |
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