

ITS Rental and Flexi-Fleet™ Configurations ~ Portable Tower Systems

- » **Primarily ±106' (33m) Self-Supporting & Guy Capable Tower Elevations; Lower Height Use Acceptable**
- » **Fully Automated, Direct Drive Tower Operating System; No Belts, No Chains, No Guy Wires Required**
- » **±550 lb/250kg Standard Tower Load Capacity; 120VAC/60Hz Primary Configuration**
- » **Greatest Self-Supporting and Guyed Wind/Payload Capacity of Any Comparable Tower System**
- » **Multi-Terrain, Custom Drawbar Trailer; ±9'0" L x 8'0" W x 4'6"-6'6" H Equipment Payload Area**
- » **Standard 15,000 lb/6,803kg Capacity Trailer GVWR; to ±4,000lb/1,814kg Trailer Payload Equipment Capacity**



ITS Rental Programs offer a wide variety of innovative, efficient and flexible options to meet customer's temporary, long-term, and emergency communications needs. Whether originating from ITS manufacturing headquarters or a Domestic or International Fleet Depot, we offer customers both in-house and field services including; training, equipment integration, deployment and decommissioning coordination, customs and transportation logistics, and other necessary services to assist with temporary use requirements.

As designed, each trailer's skeletal frame is engineered with a minimum factor of safety of 2:1, with 4:1 in critical load areas. A multi-section ~ 21'0"/6.4m each, lattice steel telescopic structure is designed to transport horizontally over the trailer's equipment platform 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. **Each Portable Tower System model 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.** For added security and stability during poor weather conditions, excessive loading, long-term deployment, or to minimize structure deflection for critical applications, the tower may be further protected by the use of an included guy cable and ground anchor system.

Primary Trailer Specs: 15,000lb/6,803kg Capacity GVWR

- GVWR 15,000lbs/6,803kgs; 6,840lb/3,102kg GAWR
- C8@11.5 Main Frame/Drawbar & C6@8.2 Perimeter Steel
- Tandem 7,000lb/3,175kg Axles; 14,000lb/6,349kg Capacity
- To ±4,500lb/2,041kg Trailer Deck Payload Capacity
- ±10'6"/3.23m Transport Height; ±30'6"/9.33m Length
- Trailer Dimensions: ±23'0" L x 8'0" W, 2-Level Platform
- 1/8" Steel Diamond Plate Operating Platforms; Welded
- 2-5/16" Ball Coupler or NATO Pintle Tow Device
- Electric or Hydraulic Brakes; Four ST235/80R16LRE Tires
- Client Equipment Area: ±9' L x 8' W x 4'6"-6'6" H

- ±34"/.86m Loaded Rear Deck Height; ±26"/.66m Drawbar Platform
- Emergency Break-Away Device; ICC/DOT, LED Lighting Package
- 15,000 lb/6,803kg Static Capacity Landing Gear and Outrigger Jacks
- Four (4) Heavy-Duty Retractable and Locking Stabilizing Outriggers
- Full Sized Spare Tire with 16" 8-Hole Wheel; Sub-Trailer Carriage
- Arctic/Desert, Sealed Modular Wire Harness Package; Extreme Rated
- Locking Storage Box, Jack Transport Mount, Sand/Marsh Jack Shoes
- DOT Safety Decals; Reflectors; Multiple Perimeter Bubble Levels
- ITS Black or Tan Painted Structure with Galvanized or Top Coating
- Grounding Lugs; Lashing Rings; SAE Universal Truck Plug

Standard ITS "B" Series Tower: Elevation ~ ±106' (33m)

- Self-Supporting and Guy Capable Steel Tower Structure
- To ±550lb/250kg Lift and Tilt Payload Capacity
- Full Automation; Multiple Limit Switch Controls
- Six (6) 21'0"/6.4m Each, Galvanized Sections
- ¼" & 5/16" 7x19 Aircraft Quality Galvanized 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
- Five (5) Coax/Cable Rings; Min. 15'0"/4.6m Power Cable
- Positive Pull Down and Redundant Tower Cabling Systems
- 120VAC/60Hz Power Configuration; Min. 7000 Watt Power Requirement
- Extended Tower Locking Mechanism; Tower Transport Locks
- Included 3-Arm Antenna; Optional Camera and/or Pan/Tilt Mounts
- Included Multi-level Guy Kit, Anchor Assembly; Optional Torque Arm
- Optional Lightning Protection and Grounding Packages
- Optional Aviation Obstruction Lighting; Halogen Work Lights
- Optional Power Generation, Climate Controlled Cabinets & More

