

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

- » ***±106' (33m) and ±120'-125' (36.6-38m) Self-Support & Guy Capable Tower Elevations; Lower Height Use Acceptable***
- » ***Fully Automated, Direct Drive Tower Operating System; No Belts, No Chains, No Guy Wires Required***
- » ***±550lb (250kg) Standard Tower Load Capacity; 120-220VAC/60Hz Primary Configuration***
- » ***Greatest Self-Supporting and Guyed Wind/Payload Capacity of Any Comparable Tower System***
- » ***Multi-Terrain, Drawbar Trailers; ±9'0"-14'0" (2.7m-4.3m)L x 8'0" (2.44m)W x 4'6"-6'6" (1.4m-2m) Payload Area***
- » ***Standard 15,000lb to 20,000lb (6,803kg – 9,070kg) Capacity GVWR; to ±4,000lb – 6,000lb (1,814kg – 2,721kg) Capacity***



(Some Representative Models Above Shown with Optional Accessories/Features)

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) or 25'0" (7.6m) each, lattice steel telescopic structure is designed to transport horizontally over the trailer's equipment platform and automatically tilt by means of a single or tandem heavy-duty, chrome plated hydraulic cylinders. 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.

Representative Trailer Specs: 15,000lb (6,803kg) Capacity GVWR

- GVWR 15,000lb-20,000lb (6,803kg-9,070kg) GAWR
- C8@11.5 Main Frames/Drawbar & C6@8.2 Perimeter Steel
- Dual 7,000lb (3,175kg) Axles; 14,000lb (6,349kg) Capacity
- ±4,000lb-6,000lb (2,041kg-2,721kg) Trailer Capacity
- ±8'3"-10'6" (2.5m-3.23m) H; ±30'0-38'0 (9.33m-11.6m) L
- ±8'0" (2.44m)W, Single and 2-Level Platform; Deck-over
- 1/8" (.32cm) Steel Plate Platforms; Welded Construction
- 2-5/16" (7.1cm) Ball Coupler or NATO Pintle Tow Devise
- All-wheel Electric Brakes; 4 to 8 ST235/80R16LRE Tires
- Equipment Area: ±9'-14' (2.7m-4.3m)L x 8'0" (2.44m)W
- ±34" (.86cm) Loaded Rear Deck Height; ±26" (66cm) Drawbar Platform
- Emergency Break-Away Device; ICC/DOT, LED Lighting Package
- 12,000lb (5,442kg) Static Capacity Landing Gear and Outrigger Jacks
- Four (4) Heavy-Duty Retractable and Locking Stabilizing Outriggers
- Full Sized Spare Tire with 16" (41cm) 8-Hole Wheel; Sub-Trailer Mount
- 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
- Black Painted Structure w/ Impact/Weather Resistant Polyuria Coating
- Grounding Lugs; Lashing Rings; SAE Universal Truck Plug

Representative ITS Tower: Elevation ~ ±106'0" (33m) and ±120'-125' (36.6m-38m)

- Self-Supporting and Guy Capable Steel Tower Structures
- ±550lb (250kg) Lift and Tilt Capacity
- Multiple Limit Switch Controls: Erection & Retraction
- Six (6) 21'0" (6.4m) or 25'0" (7.6m) Galvanized Sections
- 1/4" (6.35mm) & 5/16" (7.95mm) Aircraft Quality Cables
- Electronic Safety & Motor Protection Features
- Solid State Control Circuitry; Locking NEMA Enclosure
- Min. 1HP Motor/Gearbox Assembly; All 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 and 220VAC/60-50Hz Power Configurations Offered
- Mechanical Tower Locking Mechanism; Tower Transport Locks
- Included 3-Arm "T"-Bar Style 120° Antenna Mount Assembly
- Included Multi-level/3-point Guy Cable and Ground Anchor Kit
- Lightning Protection and Grounding Packages – *For Purchase*
- Aviation Obstruction Light with UV Protected Cord – *For Purchase*
- Electronics Equipment Enclosure, Power Supply, Etc. – *For Purchase*

Representative Rental Fleet Configurations

