

SR SERIES: MODELS ~ SR-106, SR-89, SR-72 & SR-55

- $\pm 106'$ (33m), $\pm 89'$ (27m), $\pm 72'$ (22m) & $\pm 55'$ (17m) **Self-Supporting & Guy Capable Tower Elevations**
- **Fully Automated, Direct Drive Tower Operating System; No Belts, No Chains, No Guy Wires Required**
- **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**
- **Multi-Terrain, Custom Drawbar Trailer; $\pm 9'0''$ L x $8'0''$ W x $4'6''$ - $6'6''$ H Equipment Payload Area**
- **Standard 12,500lb/5,669kg Capacity Trailer GVWR; $\pm 2,000$ - $2,500$ lb/907-1,134kg Equipment Capacity**



Model Series Summary:

Each specific model designates a heavy-duty, multi-terrain custom trailer and integrated tower system designed to transport and support at site a payload of $\pm 2,000$ - $2,500$ lb/907-1,134kg of *ITS* and/or customer-supplied equipment. As designed, the 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 $\sim 21'0''/6.4$ m each, lattice steel telescopic structure is designed to transport horizontally over the trailer's two-level 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 1-2HP, 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, this **self-supporting** tower may be further protected by the use of an optional guy cable and ground anchor system.

SR Series Trailer: 12,500lb/5,669kg Capacity GVWR

- GVWR 12,500lb/5,669kgs; 7,000lb/3,175kgs GAWR
- C8@11.5 Main Frames/Drawbar & C6@8.2 Perimeter Steel
- Tandem 7,000lb/3,175kg Axles; 14,000lb/6,349kg Capacity
- To $\pm 2,500$ lb/1,134kg Trailer Deck Payload Capacity
- $\pm 10'6''$ Transport Height; $\pm 31'6''$ Transport Length
- Trailer Dimensions: $\pm 23'0''$ L x $8'0''$ W, 2-Level Platform
- 1/8" Galvanized & Painted Diamond Steel Plate Decking
- 2-5/16" Ball Coupler or NATO Pintle Tow Device
- Electric Brakes; Four (4) LT235/85R16 LR E Tires
- Client Equipment Area: $\pm 9'$ L x $8'$ W x $4'6''$ - $6'6''$ H
- $\pm 34''$ Loaded Rear Deck Height; $\pm 26''$ 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 or All-Weather Sealed Modular Wiring Packages
- Locking Storage Box, Jack Transport Mount, Sand/Marsh Jack Shoes
- DOT Safety Decals; Reflectors; Multiple Perimeter Bubble Levels
- *ITS* Desert Tan Paint with Galvanized Deck Panels and Undercoat
- Grounding Lugs; Lashing Rings; SAE Universal Truck Plug

IT Series Tower: Standard Elevations ~ $\pm 106'$ (33m), $89'$ (27m), $72'$ (22m) & $55'$ (17m)

- **Self-Supporting** and Guy Capable Steel Tower Structures
- 550 lb/250 kg Standard Tower Top and Tilt Capacity
- Full Automation; Multiple Limit Switch Controls
- From (3) to (6) $21'0''/6.4$ m Each, Galvanized Sections
- 1/4" & 5/16" 7x19 Aircraft Quality Galvanized Cables
- Electronic Safety & Motor Protection Features
- Solid State Control Circuitry; Locking NEMA Enclosure
- 1-2HP 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. $12'0''/3.7$ m Power Cable
- Positive Pull Down and Redundant Tower Cabling Systems
- 120VAC/60-50 Hz and 220VAC/50Hz Power Configurations Offered
- Extended Tower Locking Mechanism; Tower Transport Locks
- Standard 3-Arm Antenna, Camera 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