

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

Multi-terrain, C-130 Aircraft, Rail and Flatbed Transportable ~ COTS & Military Configurations

- » **$\pm 106'$ (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 to ± 750 lb/340kg Standard & Upgraded Tower Load Capacity; 120-220VAC/60-50Hz Configurations**
- » **Greatest Self-Supporting and Guyed Wind/Payload Capacity of Any Comparable Tower System**
- » **Multi-Terrain, Custom Drawbar Trailer; $\pm 2'6''$ - $6'0''$ W x $3'0''$ - $5'6''$ H Tower-Side Equipment Area**
- » **Standard 15,000 lb/6,803kg Capacity Trailer GVWR; to $\pm 4,500$ lb/2,041kg Equipment Payload Capacity**



Model Series Summary:

Each specific model designates a heavy-duty, multi-terrain custom trailer and integrated tower system designed to transport by road, C-130 or larger aircraft, rail, or flatbed trailer and support at site a payload of up to 4,500lbs/2,041kg 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 ~ 21'0"/6.4m each, lattice steel telescopic structure is designed to transport horizontally over the trailer's two-level platform and automatically tilt by means of 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, this **self-supporting** tower may be further protected by the use of an optional guy cable and ground anchor system.

SRS Series Trailer: 15,000/6,803kg Capacity GVWR

- GVWR 15,000lbs/6,803kgs; 6,840lb/3,102kg GAWR
- C8@11.5 Main Frames/Drawbar & C6@8.2 Perimeter Steel
- Tandem 7,000lb/3,175kg Axles; 14,000lb/6,349kg Capacity
- To $\pm 4,500$ lb/2,041kg Trailer Deck Payload Capacity
- $\pm 8'3''$ /2.5m Transport Height; $\pm 30'$ /9.3m Transport Length
- Trailer Dimensions: $\pm 23'0''$ 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; G114 215/75R17.5 LRH Tires
- Equipment Area: $\pm 9'$ L x $8'$ W; Tower Sides $2'6''$ W x $5'6''$ H
- Mil-Std 209K Designed Tie-Down Lugs; Lifting Provisions
- $\pm 34'$ /.86m Loaded Rear Deck Height; $\pm 26'$ /.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 Painted Structure w/Impact Resistant Coating; Optional CARC
- Grounding Lugs; Lashing Rings; SAE Universal or Mil Truck Plug

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

- Self-Supporting and Guy Capable Steel Tower Structures
- To ± 550 lb/250kg - 750lb/340kg Lift and Tilt Capacity
- Full Automation; Multiple Limit Switch Controls
- From (3) to (6) 21'0"/6.4m Each, Galvanized Sections
- 1/4" & 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