

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

COTS and Military Configurations

Multi-terrain, Certified C-130 or Larger Aircraft, Rail and Flatbed Transport

- **$\pm 106'$ (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 or 650lb/295kg 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; $\pm 2'6''$ - $6'0''$ W x $3'0''$ - $5'6''$ H Tower-Side Equipment Area**
- **Standard 14,400lb/6,530kg Capacity Trailer GVWR; to $\pm 3,500$ lb/1,587kg 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 3,500lbs/1,587kg 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 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.

SRS Series Trailer: 14,400/6,530kg Capacity GVWR

- GVWR 14,400lbs/6,530kgs; 7,000lbs/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 $\pm 3,500$ lb/1,587kg Trailer Deck Payload Capacity
- $\pm 8'4''$ Transport Height; $\pm 29'6''$ 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 Devise
- Electric Brakes; G114 215/75R17.5 LR H (16-ply) Tires
- Equipment Area: $\pm 9'$ L x $8'$ W; Tower Sides $2'6''$ W x $5'6''$ H
- Mil-Standard 209K Designed Aircraft Tie-Down Lugs
- $\pm 34''$ 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, 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 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
- 550-650lb/250-295kg Tower Top and Tilt Capacities
- Full Automation; Multiple Limit Switch Controls
- From (3) to (6) 21'0"/6.4m 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"/3.7m 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