

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

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

- » ***±106' (33m), ±89' (27m), ±72' (22m) & ±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 ±650lb/295kg 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; ±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 ±4,500lb/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 ±4,500lb/2,041kg Trailer Deck Payload Capacity
- ±8'3"/2.5m Transport Height; ±30'/9.3m Transport 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; G114 215/75R17.5 LRH Tires
- Equipment Area: ±9'L x 8'W; Tower Sides 2'6"W x 5'6"H
- Mil-Std 209K Designed Tie-Down Lugs & Lifting Provisions
- ±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 Painted Structure w/Impact Resistant Coating; Optional CARC
- Grounding Lugs; Lashing Rings; SAE Universal or Mil Truck Plug

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

- Self-Supporting and Guy Capable Steel Tower Structures
- To ±550lb/250kg - 650lb/295kg Lift and Tilt Capacity
- Full Automation; Multiple Limit Switch Controls
- From (3) to (6) 21'0"/6.4m Each, Galvanized Sections
- ¼" & 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