

## **SRS-C SERIES: Special Production Models**

### **SRS-C130, SRS-C120, SRS-C106, SRS-C89, SRS-C72 & SRS-C55**

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

- » **+125'(38m), +120'(36m), +106'(33m), +89'(27m), +72'(22m) & +55'(17m) Self-Supporting & Guyed Tower Heights**
- » **Fully Automated, Direct Drive Tower Operating System; No Belts, No Chains, No Guy Wires Required**
- » **+500 lb/227kg to +750lb/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 Trailer Configuration; Standard GVWR from 20,000lb/9,070kg to 26,000 lb/11,791kg Capacity**
- » **Standard Equipment Payload Capacity from +5,500lbs/2,494kgs to +7,500lbs/3,401kgs**
- » **Military Considerations Including Mission Profile Design; Electric, Air or Hydraulic Brake Systems, Transport/Debris Shields, LED or Blackout Lighting, Arctic/Desert Wiring Package, Extreme Environment Upgrades**



### **Model Series Summary:**

Each specific model designates an extra 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 to  $\pm 7,500\text{lbs}/3,401\text{kgs}$  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 or 25'0"/7.6m each, lattice steel telescopic structure is designed to transport horizontally over the trailer's single or 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.

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

#### **SRS-C Series Trailer: 20,000lb/9,070kg to 26,000lbs/11,791kg Capacity GVWR**

- GVWR to 26,000lbs/11,791kgs; 12,000lb/5,442kg GAWR
- Tandem 10,000lb/4535kg or 12,000lb/5,442 Capacity Axles
- To  $\pm 7,500$ lb/3,401kg Trailer Deck Payload Capacity
- $\pm 8'3''$  Transport Height;  $\pm 33'0''$  to  $\pm 38'0''$  Transport Length
- $\pm 29'0''$  to  $\pm 34'0''$  L x  $\pm 7'8''$  W, 1 or 2-Level Trailer Platform
- Electric, Hydraulic or 2SIM ABS Air Brake Systems
- 1/8" Steel Diamond Plate Operating Platforms; Welded
- 2-5/16" Ball Coupler or NATO Pintle Tow Device
- LT235/85R16 LR G All-terrain Terrain or Alternate Tires
- Platform Area:  $\pm 9'-16'L$  x  $\pm 7'8''W$ ; Tower Sides  $\pm 2'6''x5'H$
- Mil-Std 209K Designed Tie-Down Lugs; Lifting Provisions
- $\pm 34''$  to  $\pm 37''$  Loaded Deck Height;  $\pm 26''$  to  $\pm 42''$  Drawbar Hitch Height
- Arctic/Desert Wiring Package, Sealed Modular Harnessing
- 15,000 lb/6,803kg Static Capacity Landing Gear and Outrigger Jacks
- Four (4) Heavy-Duty Retractable and Locking Stabilizing Outriggers
- Spare Tire with 16"x6 Dual 8-Hole Wheel; Sub-Trailer Carriage
- ICC/DOC Sealed Beam, LED or Military Blackout Lighting Package
- Locking Storage Box, Jack Transport Mount, Sand/Marsh Jack Platforms
- DOT Safety Decals; Reflectors; Multiple Perimeter Bubble Levels
- ITS Painted Structure w/Impact Resistant Coating; Optional CARC
- Grounding Lugs; Lashing Rings; SAE Universal Truck Plug
- Mission Profile Design; Extreme Environment Considerations

#### **Upgraded ITS "C" Series Tower:**

**Standard Elevations ~  $\pm 106'$  (33m),  $89'$  (27m),  $72'$  (22m) &  $55'$  (17m)  
Custom Heights ~  $\pm 125'$  (38m) and  $\pm 120'$  (36m)**

- Self-Supporting and Guy Capable Steel Tower Structures
- To  $\pm 500$ lb/227kg - 750lb/340kg Lift and Tilt Capacity
- Full Automation; Multiple Limit Switch Controls
- From (3) to (6) 21'/6.4m or 25'/7.6m Each Tower 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/6050Hz 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

