



# SUN WEST ENGINEERING, INC.

3802 E. BROADWAY RD. PHOENIX, ARIZONA 85040

(602) 275-0662 FAX: (602) 276-2113 WWW.SUNWESTENG.COM

## Heavy Weight Lifting Capacity is Here!



Sun West Engineering is excited to announce the industry's long-awaited solution for today's ever increasing antenna payloads - a 59' 1,200-lb lift capacity telescopic locking pneumatic mast. The mast is constructed of anodized aluminum with locking pins for long-term deployment without air pressure. Compared to hydraulic steel masts, it delivers high lifting capacity at a lower weight of only 880-lbs. Additionally, being a pneumatic mast it does not require any hydraulic fluid for elevation, therefore eliminating the additional weight of a hydraulic pump and fluid reservoir. With a nested height of just over 11' the need for a tilt-over system is eliminated delivering cost savings, reduced complexity and more payload capacity for your COW or COLT.

As the mobile communications industry evolves, new elevation solutions are needed to meet the increasing demands. We've been listening to our customers and can now provide a mast with a significant payload lifting capacity. This 59' 1,200-lb capacity mast is the ideal solution for COW and COLT deployments that utilize the larger and heavier multi-beam antenna arrays.

These masts are in stock and available for new builds as well as retrofitting older COWS and COLTS with lesser capacity masts. Each retrofit request will need to be evaluated individually for feasibility. Contact your local sales representative or call us directly at (602) 275-0662.

### Specifications

Payload Capacity*	1,200 lbs.
Extended Height	59 ft.
Nested Height	11.3 ft.
Approximate Weight	880 lbs.
Number of Sections	7
Tube Diameter	13.5 in. - 7.5 in.
*Example #1: Survival Wind Speed Unguyed: 1,200 lbs. and 21.5 sq. ft. sail area	56 mph (unguyed)
*Example #2: Survival Wind Speed Unguyed: 1,200 lbs. and 7 sq. ft. sail area	80 mph (unguyed)
*Example #3: Survival Wind Speed Guyed: 1,200 lbs. and 21.5 sq. ft. sail area	80 mph (guyed)
Each Mast Includes a 59' 2-Level 4-Way Wire Rope Guy Kit, Canvas Mast Head Cover, and 16oz. Bottle of Mast Lubricant	
*Per The Will-Burt Company's Published Wind Speed Calculations	