



SUPER 60M XHD TALLTOWER™

The Super 60m XHD TallTower is a highly versatile meteorological tower designed specifically for wind resource assessment.

PAINT, ANCHORS (#7725)

INSTALLATION

Tools required	See manual available in the Documents + Downloads tab: Super 60m TallTower
Winch required	4730 - Winch 80m XHD Towers
Ginpole required	4831 - Ginpole 80m XHD Towers

PHYSICAL

Erected height	59.8 m (196.2 ft)
Tube diameter	203 mm (8 inches) and 254 mm (10 inches)
Footprint	Standard: uses 2 anchor radii, largest = 50 m (164.0 feet)
Guy radii	45 m (147.6 ft) / 50m (164.0 ft)
Guyset levels	<ul style="list-style-type: none"> • 9.9 m (32.5 ft) • 19.36 m (63.5 ft) • 28.82 m (94.6 ft) • 38.28 m (125.6 ft) • 47.74 m (156.6 ft) • 57.86 m (189.8 ft)
Guy wire diameter	7.9 mm (5/16 in)
Tube wall thickness	8 in & 10 in dia. tube wall thickness = 3.4 mm (.134 in) nominal (10 GA); Transition 2.8 mm (.109 in) nominal (12 GA)
Tube length(s)	2.21 m (87 inches) Maximum
Tube joints	Tube-Joints secured by 3 evenly spaced 5/8" diameter bolts

MATERIALS

Tube	G-90 galvanized steel, hot roll base C1015 or C1020, conforms to ASTM A568
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Guy wires	7X19 galvanized steel wire rope per Federal Specification RR-W-410F
Guy rings	G-90 galvanized steel
Anchors	203 mm (8 in) dia. single and double helix screw-in earth anchors (when applicable)
Baseplate	G-90 galvanized steel, 4.8 mm (.188 in) thick, 7 GA
Wire rope clips	7.9 mm (5/16 in) drop-forged, galvanized steel

STRUCTURAL

Wind and Ice Loading capabilities	Wind and wind with ice limit loads meet ANSI/TIA-222-G Standard. Please see NRG Super 60 m TallTower Manual Appendix A for details.
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SAFETY FEATURES

Obstruction marking	See Obstruction Lighting Product Page for Federal Aviation Administration (FAA) AC-70/7460-1K compliant options. In conjunction with lighting, painted towers meet the requirements of FAA AC 70/7460-1K. The paint color used for obstruction marking complies with Federal Standard FED-STD-595 and passes ASTM D3359 Standard Test Methods for Measuring Adhesion by Tape Test.
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