



Model: MTT700-H; Meteorological Triangular Tower

Structure type	Self-supporting triangular lattice construction
Maximum Height	100m
Profile	Top width 700mm, and then tapering to 4689mm at base
Members type	Circular Hollow Section (CHS) throughout
Finish	Hot dip galvanised with 85 microns minimum average coating
Usage	Meteorological for wind speed measurement
Equipment Loading	Horizontal booms for anemometers and wind vanes
Climbing facility	Step bolts and base ladder on one leg
Foundations	Reinforced concrete raft to suit all terrain and soil conditions

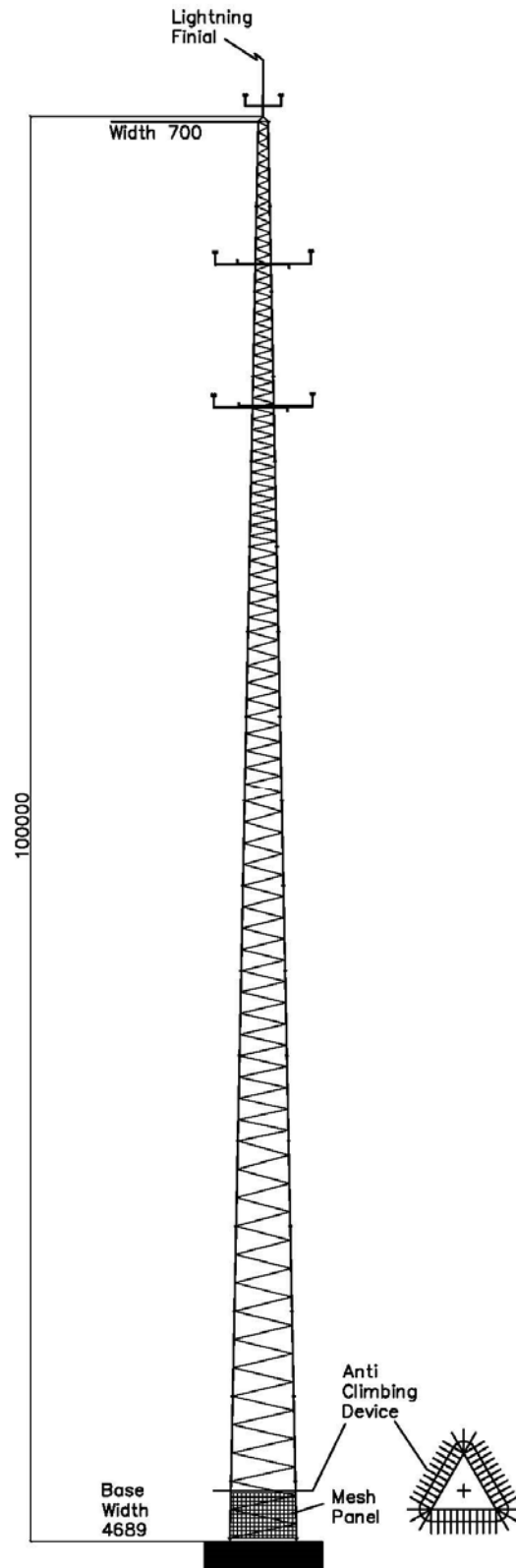


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- Tower design to the current British/Eurocode Standards for basic mean hourly wind speed of 30m/s
- All material to the current British/Eurocode Standards with yield stress of 275N/mm² for mild steel and 355N/mm² for high yield
- All bolts of grade 8.8 or equivalent supplied with one nut and one spring washer
- The tower structure will be trial assembled before galvanising to ensure perfect fit
- After fabrication, marking and trial assembly all steelworks will be hot dip galvanised to current British/Eurocode Standards
- The tower is supplied with foundation grillage, including stubs and setting templates; alternatively the base module can be supplied with base plate and holding down bolts
- The tower is fitted with lightning finial rod and earth lugs on the bottom leg members
- Manufacturing quality conforms to BS EN ISO 9001

Optional Items:

- Anti climbing device (ACD), fixed spikes on tower
- Base ladder with lockable cover plate
- Mesh panels on bottom tower module
- Safety climbing device and accessories
- Anemometer support booms
- Ground Earth Kit
- Aircraft Warning Light System (AWLS)
- Paint material and/or shop painting



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