

SECURING A CONNECTION ANYWHERE



BROADCASTING TOWER



البابطين لبلاك
AL-BABTAIN LeBLANC

BROADCASTING TOWER

From light, medium or heavy duty, to site assembled, to knockdown, the Self-Support Square/Triangular Tower is up to it. It is applicable for heights up to 350m or Guyed Mast heights up to 600m.



BROADCASTING TOWER

Application

- VHF, UHF, and FM Broadcasting Antenna system.

Construction Features

Features:

- The legs are 90°/ 60° angle members.
- The bracing members are bolted 90° angles. A ladder is mounted inside the tower for climbing.
- Antenna mounts can be fitted to either the leg or face of the tower.
- All structure members conform to ASTM A 572 GR 50 ISO EN 2005 and JIS S 3101 or equivalent standards.
- All welding conform to the requirements of the AWS D 1.1/ D 1.1 M: 2008 AS/ NZS 1554.1:2004 and standards.
- The structure is designed according to the latest American, Eurocode, Canadian, Australian or other applicable international standards for wind and ice loads specified for the particular site.
- All materials are hot-dipped galvanized after fabrication to ISO 1461, AS/ NZS 4680 or ASTM 123 standards.
- All structural bolts conform to ASTM standard A325 and galvanized to ASTM standard A 153.
- Manufacturing quality conform to ISO 9001:2001 standard.

Optional items:

The towers are supplied completely with legs, web members, base plates, ladder, rest platforms, and anchorage steel as required. The following items are Lighting supplied as specified:

- Tower Grounding and Lightning.
- Aviation Warning Lighting System.
- Tower painting.
- A fixed platform can be supplied at the top to facilitate access to a top mounted antenna.
- A cable ladder to support transmission lines.
- Antenna mounts to suit specific antennas.
- Antennas and transmission lines are as specified by the customer.
- Fall Arrest System device and accessories.
- A separate transmission line gantry.



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