

TO2 Medium Duty Radar Tower

Jaggard provide a wide range of self-supporting towers and guyed masts for various applications. Jaggard are able to offer developed or bespoke-design structures to suit the customer's requirements.

The TO2 is a medium, square tower with galvanised steel tubular or angle leg and channel bracing construction.

It is principally designed for Surface Movement (SMR), surveillance and marine radar antenna system applications. The robust design covers maximum height up to 30m and allows for the addition of equipment shelters and protective radomes.

Specification

Design

Analysis and member design in accordance with British Standards, ANSI TIA or Eurocodes as required.

Wind loading

Jaggard holds extensive data on wind speeds worldwide and can advise on suitable basic wind speeds for sites in most locations. Jaggard can also advise on the application of basic wind speeds for different topographies such as coastal plain, suburban, countryside, hills, mountains etc

Deflection

Towers can be analysed against specific deflection criteria (tilt & twist) as required by the client or as suited to the application.

Construction & materials

Tubes and angles steel construction with bolted connections. Mild or high yield steel members as required or specified.

All members hot dipped galvanised as standard or finished with protective paint coating systems as required.

Foundations & Geotechnical

Jaggard can provide complete foundation design & construction services or issue design data for third party design & construction as required.

Installation

Jaggard can undertake tower erection and installation services with their own qualified and experienced teams or supervise third-party installations if required.

Alternative configurations

Structures can be modified to suit the client's particular requirements.

Accessories

Towers can be provided with a full range of accessories including:

Aircraft warning lighting systems

Stairway and ladder access

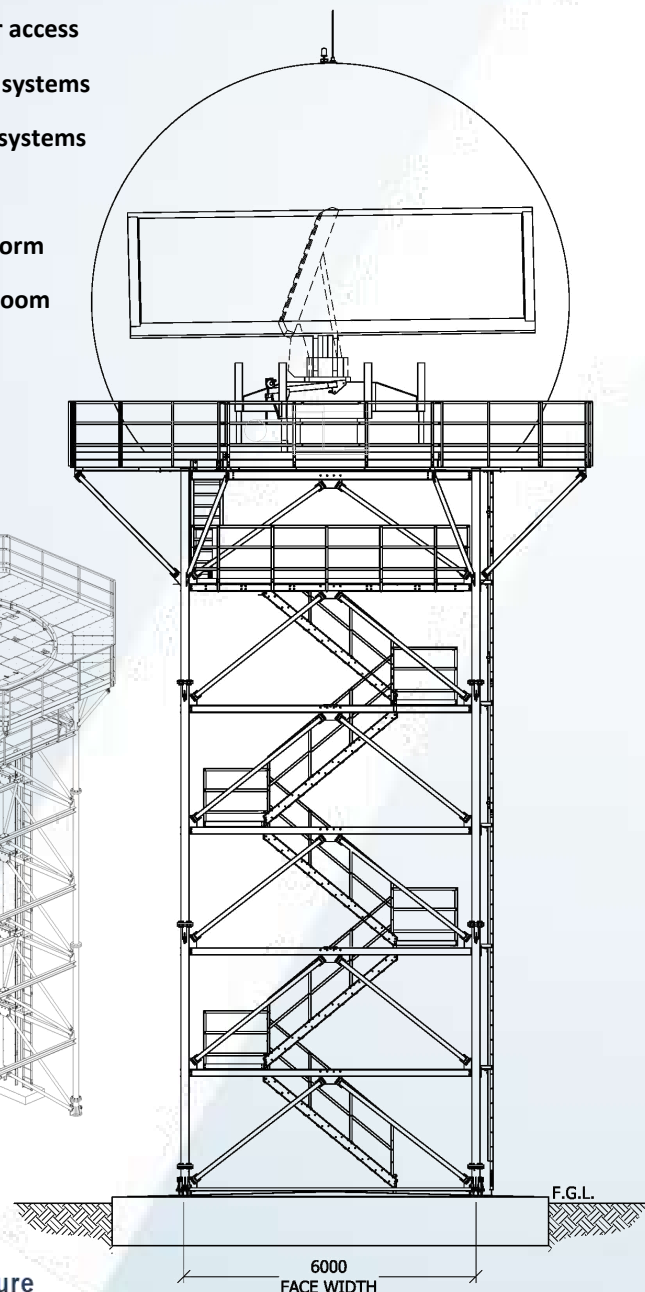
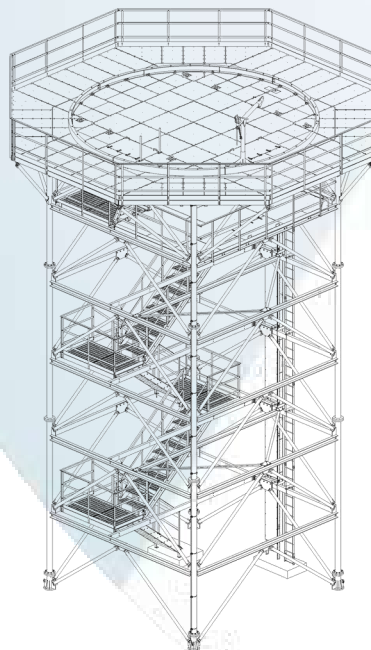
Cable management systems

Lifting and hoisting systems

Radome

Walkways and platform

Equipment/Motor room



JAGGARD

Global leaders in broadcast and communications infrastructure