



FOD TOWER

DESCRIPTION

The Pollite FOD Tower consists of four main upright frangible fibreglass masts, supported by a series of fibreglass cross braces, incorporating the same frangible technology used on our impact tested and approved approach masts. All towers are custom manufactured based on the height and deflection requirements of the FOD detection system used. Covering a small surface area the lightweight glassfibre structure provides excellent environmental performance and limits any electromagnetic interference. Each tower is provided complete with an access platform, GRP ladders and handrail system providing a safe working environment. Obstruction Lighting and lightning protection can be supplied as additional features to the tower as required. The tower is designed for rapid assembly.

FEATURES

- » Non-Corrosive
- » Non-Conductive
- » Environmentally Durable
- » Compliant With ICAO ADM Pt 6 Frangibility
- » Rapid Installation
- » Available In Bespoke Sizes
- » Lightweight

APPLICATION

The Pollite glassfibre FOD Tower is intended for use on the airfield where foreign object detection equipment needs to be elevated. Typically the position of the tower will require compliance with ICAO ADM Pt 6 Frangibility.

SPECIFICATION (mm)

Tower Height	5000 - 10000
Footprint	2100 x 2100
Mast Diameter	180 - 300
Cross Brace	30 - 55
Handrail Height	1100
Ladder Height	Variable

DESIGN STANDARDS

Frangibility: Aerodrome Design Manual Pt 6 First Edition 2006

Storm Loading: 59.5 M/S

Structural Design: Eurocode 0

Eurocode 1 Pt 1-1, Pt 1-4

Eurocode 3 Pt 1-3, Pt 1-4, Pt 3-1, Pt 3-2

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