APAC Infrastructure Pty Ltd
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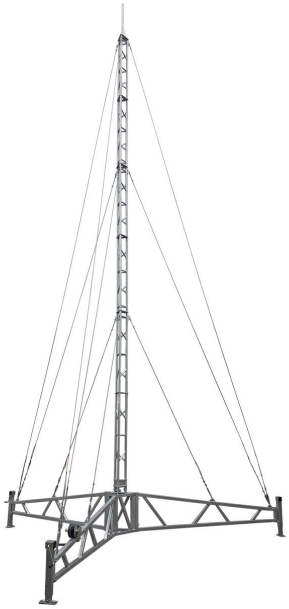
AL220 Hinged Tripod Lattice Tower - Rapid Deployable - 8m Winch Raised

AP-TLT-AL220-WR8



Key Features

- Heavy duty tripod outrigger base
- Rapid-deploy <1 hour setup time
- Quick, simple winch raising (included)
- High strength-to-weight ratio
- Compatible with AL220 accessory ecosystem

Overview

APAC's tripod-base aluminium lattice towers are manufactured locally in Queensland in 3.1 metre sections allowing effortless transport. Constructed with a bolt-together galvanised tripod and lightweight aluminium modules, this tripod tower is designed to be assembled by hand with just a few basic tools.

Able to be set up in under an hour with a team of two, APAC's tripod tower allows instant deployment anywhere. The bolt-together design means easy shipment to site, and the included winch allows raising and lowering of the tower eliminating the need for tower climbs.

This unique rapid-deploy lattice tower consists of three bolt-together heavy duty galvanised outriggers, a 1.0 m galvanised base, 3.1 metre lattice sections, and complete pre-measured guy wire kit. APAC's AL220 aluminium lattice towers feature three upright columns made from 40x3 CHS with 25x3 CHS lattice welded in between by certified boom welders, providing incredible strength while retaining a lightweight design that can support your technician to climb the full height.

AL220 Tripod Towers are suitable for operation in wind speeds up to 160 km/h by anchoring the tripod legs using pegs or blocks to provide dead weight.

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Specification

Parameter	AP-TLT-AL220-WR8
Physical Specifications	
System	**AL220**
Subtype	**Erexures**
Height (Nominal)	**8 m**
Materials	**Aluminium** **Steel**
Material Finish	**Bright/Pickled Finish** **Hot-Dip Galvanised**
Weight	**198 kg**
Wind Survival	**160 m/s**
Installation	**Ground Mounted**
Interfaces	
Installation / Attachment	

Quantity	Notes
3	1 tonne Outrigger Jacks

Payload Interfaces

Quantity	Interfaces	Notes
3	Pole 40 mm ⌀	For attaching ordinary equipment
1	AL220 Bolt Pattern	For attaching additional AL220 series modules/headframes
1	AL220 Triangular Uprights	For attaching AL220-specific brackets

Subcomponents

Quantity	Item	Materials	Material Finish
1	Guy Wire Kit	Steel	Galvanised Coating
3	Outrigger Legs & Jacks	Aluminium, Steel	Bright/Pickled Finish, Galvanised Coating
1	Centre Base with Billet Hinge	Steel	Hot-Dip Galvanised

Quantity	Bundled Components
1	AL220 Aluminium Modular Lattice Tower - Base Module (AP-AL220-BM)
1	AL220 Aluminium Modular Lattice Tower - 3.1m Section (AP-AL220-LM)

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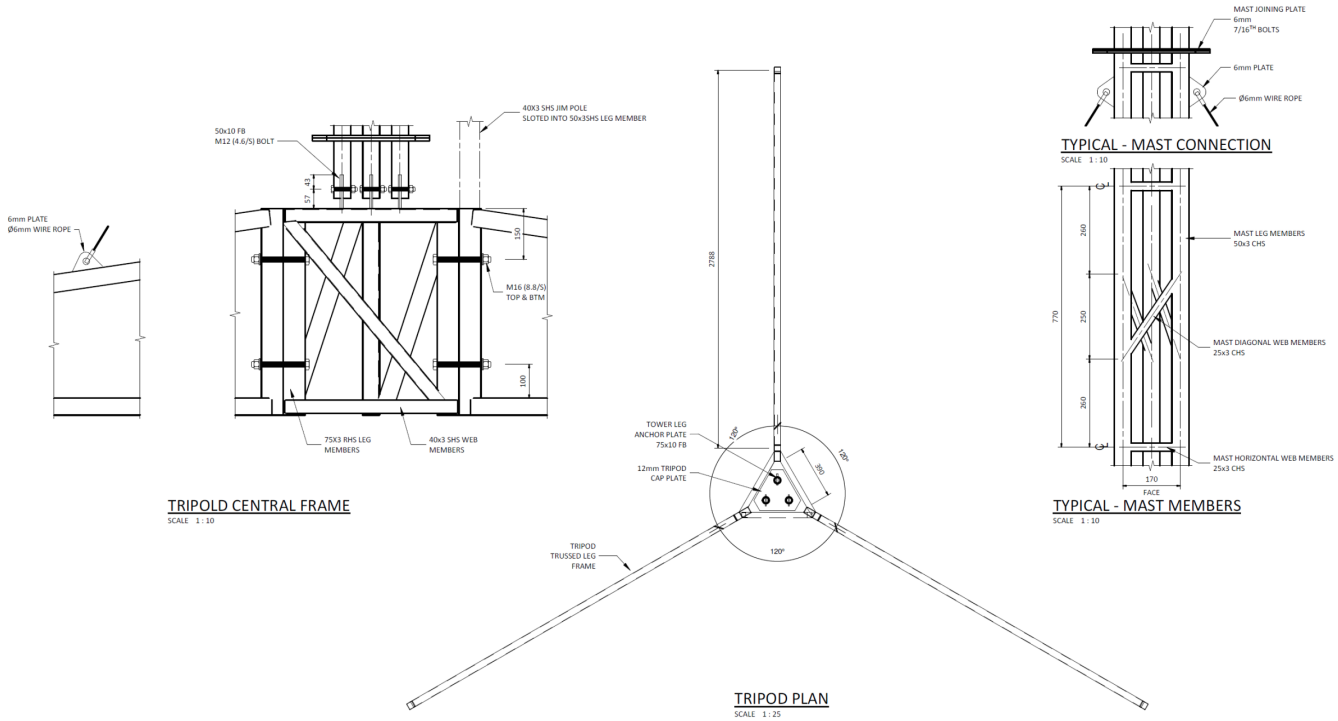
Drawing



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Variants

AL220 Hinged Tripod Lattice Tower - Rapid Deployable - 8m Winch Raised	AP-TLT-AL220-WR8 · this datasheet
AL220 Hinged Tripod Lattice Tower - Rapid Deployable - 11m Winch Raised	AP-TLT-AL220-WR11

Australian designed and manufactured infrastructure for public safety and first response, built on the Sunshine Coast, Queensland. Need a variation on this design? Our team can engineer it to suit your site.

Contact us

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Specifications, dimensions and weights are nominal, correct at the date of issue and subject to change without notice. Images are for illustration and may show optional equipment. Confirm suitability for your site, including wind region and mounting surface, with APAC before ordering, and install in accordance with APAC's instructions and the relevant Australian Standards.

Issued 26 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/al220-hinged-tripod-lattice-tower-rapid-deployable-11m?v=529

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