

AL340 PORTABLE TRIPOD LATTICE TOWER

AP-TLT-AL340-WR14 TRIPOD TOWER, 14 METRES

OVERVIEW

APAC's tripod-base aluminium lattice towers are manufactured locally in Queensland in 3.1 metre sections allowing effortless transport, meaning total leadtime can be measured in days - not weeks or months. 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. The hinging tripod design is offered built with APAC's AL220, AL340, and AL500 lattice modules, with the AL340 series providing exceptional strength-to-weight, and tower heights up to 14.4 metres.

Able to be set up in about an hour or two with a team of two, our tripod tower allows instant communications anywhere - no footing required. 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.

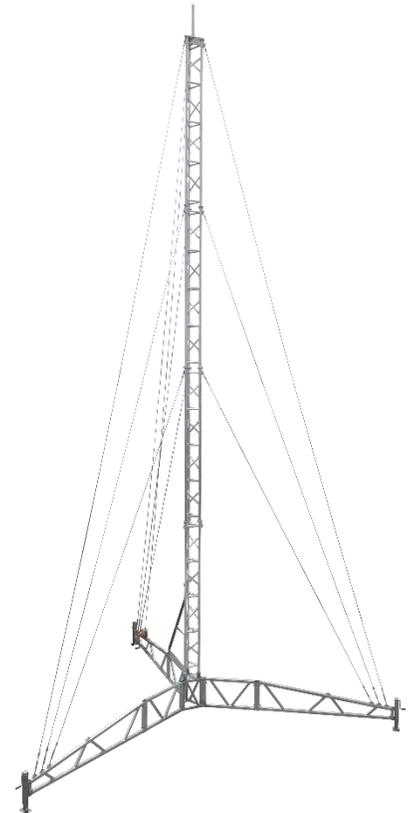
This unique portable lattice tower consists of three bolt-together heavy duty galvanised outriggers, a 1.0 metre galvanised base, four 3.1 metre lattice sections, guy wires, anchor footings/skids, and your choice of headframe. Unique to the 14 metre model are three heavy duty outrigger extensions which sit between the base and outriggers, extending the footprint a further 1400 mm.

APAC's AL340 aluminium lattice modules feature three upright columns made from 50x4 CHS with 32x3 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 14 metres. The three hinge feet are machined from 76.2 mm solid billet 6005 T5 aluminium, providing unmatched strength with precision machining ensuring perfectly distributed load across bolts and galvanised receptacle.

Capable of mounting a range of lighting, CCTV, sensors, and industrial monitoring equipment, this serviceable mast is incredibly popular in mining and construction where climbing structures can present a safety concern, eliminating the need for an elevated work platform or a certified tower rescue team to perform even simple adjustments. This mast is also ideal for combination with wind turbines, providing high elevation with maximum stability allowing the establishment of temporary power generation at your exploration site, construction office, or hardstand.

FEATURES

- Rigid aluminium lattice tower
- Heavy duty galvanised tripod outrigger base
- 3 metre outriggers
- 1000 kg outrigger legs
- 1.5 tonne winch
- 1-2 hour assembly time
- Quick, simple winch raising (winch included)



SPECIFICATION

PARAMETER	AP-TLT-AL340-WR14
Extended Height	14.4 m (incl. headframe)
Footprint	9940 mm \varnothing (4470 mm outrigger length)
Approximate Erected Weight	290 kg
Design Wind Speed	44.5 m/s (160 km/h) with additional leg anchors
Lattice Module Length	3100 mm
Lattice Module Width	340 mm
Lattice Module Weight	22.8 kg
Lattice Material	6005 T5 Aluminium Alloy, 50 x 4 mm CHS legs, 32 x 3 mm struts
Lattice Finish	Raw aluminium, acid finish
Tripod Material	50 x 50 mm, 2.5 mm wall SHS, AS 1163-C350L0
Tripod Finish	Hot dipped galvanised, Duragal to AS 4792
Outrigger Levelling Jacks	3 x 1000 kg
Guy Wires	6 mm, Class 7x19, Grade 2070, Galvanised Steel
Lattice Hinge Interface	3x Machined Billet 76.2 mm 6005 T5 Aluminium Alloy
Winch Capacity	1.5 tonne

