APAC Infrastructure Pty Ltd
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AL340 Hinged Tripod Lattice Tower - Rapid Deployable - 8m Winch Raised

AP-TLT-AL340-WR8



Key Features

- Heavy duty galvanised tripod outrigger base
- Rapid-deploy <2 hour setup time
- Winch & Gin-Pole Raised
- High strength-to-weight ratio
- Compatible with AL340 accessory ecosystem

Overview

APAC's AL340 Rapid-Deploy Towers are a highly versatile platform for mounting just about anything at heights up to 17 metres. 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 two hours with a team of two, APAC's AL340 tripod towers 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 600 mm galvanised base, 3.1 metre lattice sections, and complete pre-measured guy wire kit. APAC's AL340 aluminium lattice towers 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 height.

AL340 Tripod Towers are suitable for operation in wind speeds up to 175 km/h by anchoring the tripod legs using pegs or blocks to provide dead weight.

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Specification

<table>
<tr><th>Parameter</th><th>AP-TLT-AL340-WR8</th></tr>
<tr><td colspan="2">Physical Specifications</td></tr>
<tr><td>System</td><td>AL340</td></tr>
<tr><td>Subtype</td><td>Erexures</td></tr>
<tr><td>Height (Nominal)</td><td>8 m</td></tr>
<tr><td>Materials</td><td>Aluminium
Steel</td></tr>
<tr><td>Material Finish</td><td>Bright/Pickled Finish
Hot-Dip Galvanised</td></tr>
<tr><td>Weight</td><td>339.7 kg</td></tr>
<tr><td>Installation</td><td>Ground Mounted</td></tr>
<tr><td colspan="2">Interfaces</td></tr>
<tr><td>Installation / Attachment</td><td>
<table>
<tr><th>Quantity</th><th>Notes</th></tr>
<tr><td>3</td><td>1 tonne Outrigger Jacks</td></tr>
</table>
</td></tr>
<tr><td>Payload Interfaces</td><td>
<table>
<tr><th>Quantity</th><th>Interfaces</th><th>Notes</th></tr>
<tr><td>3</td><td>Pole 50 mm ⌀</td><td>For attaching ordinary equipment</td></tr>
<tr><td>1</td><td>AL340 Bolt Pattern</td><td>For attaching additional AL340 series modules/headframes</td></tr>
<tr><td>1</td><td>AL340 Triangular Uprights</td><td>For attaching AL340-specific brackets</td></tr>
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Subcomponents

Quantity	Item	Materials	Material Finish
3	7.16 m Preassembled Guy Wire, Ø6 mm 6x7 Wire Rope, Swaged Ends	Steel	Galvanised Coating
3	Outrigger Legs & Jacks	Steel	Hot-Dip Galvanised
1	Centre Base with Billet Hinges	Steel	Hot-Dip Galvanised
1	Gin-Pole & Winch Assembly	Steel	Hot-Dip Galvanised

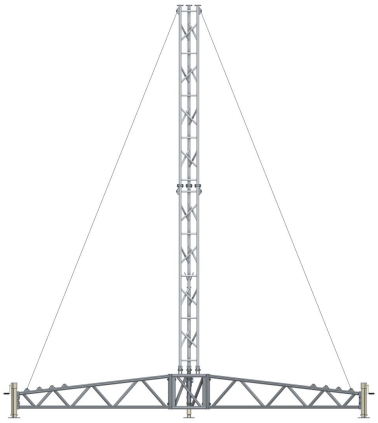
Quantity	Bundled Components
1	AL340 Aluminium Modular Lattice Tower - Base Module (AP-AL340-BM)
1	AL340 Aluminium Modular Lattice Tower - 3.1m Section (AP-AL340-LM)
9	Hex Bolt, Stainless Steel - M12 x 45mm Standard Thread (AP-FSS-HXB-M12-45)
12	Nylock Nut, Stainless Steel - M12 Standard Thread (AP-FSS-NYN-M12)
24	Flat Washer, Stainless Steel - M12 (AP-FSS-FW-M12)
3	Hex Bolt, Stainless Steel - M12 x 80mm Standard Thread (AP-FSS-HXB-M12-80)
6	Hex Bolt, Hot-Dip Galvanised 8.8 - M16 x 150mm Standard Thread (AP-FST-HXB-HDM16-150)
6	Nylock Nut, Hot-Dip Galvanised Class 8 - M16 Standard Thread (AP-FST-NYN-HDM16)
12	Flat Washer, Hot-Dip Galvanised Class 8 - M16 (AP-FST-FW-HDM16)
6	Hex Bolt, Hot-Dip Galvanised 8.8 - M12 x 75mm Standard Thread (AP-FST-HXB-HDM12-75)
6	Nylock Nut, Hot-Dip Galvanised Class 8 - M12 Standard Thread (AP-FST-NYN-HDM12)
6	Flat Washer, Hot-Dip Galvanised Class 8 - M12 (AP-FST-FW-HDM12)

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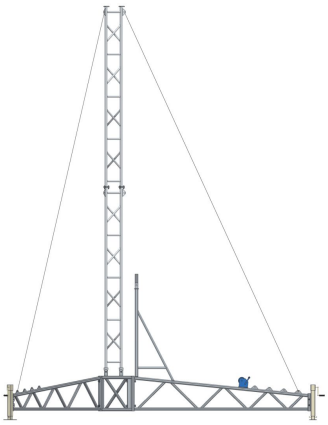
Views



Isometric



Front



Side



Top

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Variants

	AL340 Hinged Tripod Lattice Tower - Rapid Deployable - 8m Winch Raised AP-TLT-AL340-WR8 · this datasheet
	AL340 Hinged Tripod Lattice Tower - Rapid Deployable - 11m Winch Raised AP-TLT-AL340-WR11
	AL340 Hinged Tripod Lattice Tower - Rapid Deployable - 14m Winch Raised AP-TLT-AL340-WR14
	AL340 Hinged Tripod Lattice Tower - Rapid Deployable - 17m Winch Raised AP-TLT-AL340-WR17

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 13 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/al340-hinged-tripod-lattice-tower-rapid-deployable-17m?v=532

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