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# AL340 Deployable Lattice Tower System – 14 metres

SKU: MAS-BH-00223

MPN: AP-TLT-AL340-WR14

## Description

The AL340 Temporary Tower System is a unique quick-deployed solution for telecommunications applications. This system is designed to meet the need for a low cost and quick solution for temporary and semi-permanent mining and construction operations. The tower is fully engineered and while it has a hinging design it also comfortably supports tower climbing.

Able to be set up in about an hour or two with a team of two, this 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 rapid-deployable lattice tower consists of three bolt-together heavy duty galvanised outriggers, a 1.0 metre galvanised base, four 3.1 metre lattice sections, levelling jacks, gin-pole assembly, and guy wire kit.

APAC's AL340 aluminium lattice modules feature three upright columns made …

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Capable of mounting a range of lighting, CCTV, time-lapse cameras, 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.

### APAC Infrastructure

Physical Specification

APAC Infrastructure is an Australian metal fabrication company dedicated to high tech industries in the commercial, industrial, and defence sectors. Our team is committed to evolving our solutions to meet the rapidly changing needs of our rapidly changing world, ensuring your team deliver solutions at the very forefront of technological development. APAC develops made-to-measure height systems for …

| Subtype: | Deployable Tower | Dimensions: | 9,940 × 9,940 × 14,000 mm |
|---|---|---|---|
| Weight: | 290 kg | | |
| Extended Height: | 14 m | Lifting Mechanism: | Winch |
| Locking: | Manual Locking | Lifting Time: | < 5 min |
| Deployment Time: | 120 min | | |

## Available Interfaces

| Quantity | Mounting | Details |
|---|---|---|
| 3 | Pole 50 mm | For ordinary equipment, 12.4 m of attachable height |
| 1 | AL340 Bolt Pattern | For attaching additional AL340 series modules/headframes |
| 1 | AL340 Triangular Uprights | For attaching AL340-specific brackets |

## Subcomponents

| Quantity | Name | Materials | Material Finish |
|---|---|---|---|
| 1 | 1 m Welded Base Structure, 75x3 RHS Legs, 40x3 RHS Web Members | Steel Hollow Section AS 1163-C350L0 | Hot-Dip Galvanised |
| 3 | 1.4 m Tripod Leg Frame Extension Sections | Steel Hollow Section AS 1163-C350L0 | Hot-Dip Galvanised |
| 3 | 2.8 m Tripod Leg Frames | Steel Hollow Section AS 1163-C350L0 | Hot-Dip Galvanised |
| 3 | Levelling Jack, 1500 kg Rated | | |
| 1 | Pulley Block | | |
| 1 | Winch Assembly | | |
| 1 | Guy Wire Kit 6 mm, Class 7x19 | Steel Wire Rope Grade 2070 | Hot-Dip Galvanised |
| 1 | Gin Pole Assembly | Aluminium 6005-T5 | Bright/Pickled Finish |

| Quantity | Subcomponent |
|---|---|
| 3 | AL340 Aluminium Modular Lattice Tower - 3.1m Section |
| 1 | AL340 Aluminium Modular Lattice Tower - Base Module |