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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.

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APAC Infrastructure

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 ...

Physical Specification

Subtype
Deployable Tower
Weight
290 kg
Dimensions
9,940 × 9,940 × 14,000 mm
Extended Height
14 m
Locking
Manual Locking
Deployment Time
120 min
Lifting Mechanism
Winch
Lifting Time
< 5 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-C350LO	Hot-Dip Galvanised
3	1.4 m Tripod Leg Frame Extension Sections	Steel Hollow Section AS 1163-C350LO	Hot-Dip Galvanised
3	2.8 m Tripod Leg Frames	Steel Hollow Section AS 1163-C350LO	Hot-Dip Galvanised
3	Levelling Jack, 1500 kg Rated		
1	Pulley Block		

Quantity	Name	Materials	Material Finish
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

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