APAC Infrastructure Pty Ltd
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AL220 Aluminium Modular Lattice Tower - Base Module

AP-AL220-BM



Key Features

- 3.1m clevis base module for building AL220 towers
- Ultra lightweight fully engineered design
- 220 mm wide body
- Low maintenance aluminium construction

Overview

The AL220 Base Module is necessary to build any of the AL220 series towers. It forms the first 3.1 metre module from which additional 3.1 metre modules are stacked on top to create towers of the required height. The module has a finely machined billet clevis-eye welded into the base which allows it to slot into a matching clevis-fork on any of the AL220 series base plates.

APAC's AL220 aluminium lattice modules feature three upright legs made from 40x3 Round Tube with 25x3 Round Tube bracing welded in between by certified boom welders, providing incredible strength while retaining a lightweight design. Each module is chemically cleaned and treated by hand, producing a brilliant finish. AL220 series towers have a nominal 220 mm face width (180 mm centre-to-centre).

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Specification

Parameter	AP-AL220-BM
Physical Specifications	
System	**AL220**
Subtype	**Erexures**
Height (Nominal)	**3.1 m**
Materials	**Aluminium 6005-T5**
Material Finish	**Bright/Pickled Finish**
Weight	**12.5 kg**
Mounting	**AL220/Reducer Clevis-Eye**
Interfaces	
Installation / Attachment	
Payload Interfaces	

Installation / Attachment

Quantity	Mounting	Notes
1	AL220/Reducer Clevis-Eye	Slots into AL220/Reducer Clevis-Fork

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	Welded Assembly, 40x3 mm Tube Uprights, 25x3 mm Tube Braces, Machined Billet Clevis	Aluminium 6005-T5	Bright/Pickled Finish

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 11 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/al220-aluminium-modular-lattice-tower-base-module?v=333

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