APAC Infrastructure Pty Ltd
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AL340 Aluminium Modular Lattice Tower - Heavy-Duty Base Module

AP-AL340-BMHD



Key Features

- 3.1m heavy-duty hinged base module for free-standing AL340 towers
- High strength-to-weight ratio
- 340 mm wide body
- Low maintenance aluminium construction

Overview

The AL340 Heavy-Duty Base Module is the base of APAC's free-standing hinge-down AL340 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 three machined Ø70 mm aluminium spigot feet, one in the base of each leg, each with a lug for an M20 stainless hinge pin, which slot into the matching AL340 hinged base plate (supplied separately). The tower has a nominal 340 mm face width (300 mm upright centre-to-centre).

The base module has three upright columns made from heavy-wall 50x6 CHS (6082-T5), with 32x3 CHS lattice and 48.41 mm CHS bottom horizontals 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.

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Specification

Parameter	AP-AL340-BMHD
Physical Specifications	
System	**AL340**
Subtype	**Erexures**
Height (Nominal)	**3.1 m**
Materials	**Aluminium**
Material Finish	**Bright/Pickled Finish**
Weight	**31.3 kg**
Mounting	**AL340 Hinge Lug Pattern (M20)**
Interfaces	
Installation / Attachment	

Quantity	Mounting	Notes
1	AL340 Hinge Lug Pattern (M20)	Pins into the AL340 Hinge Tab Pattern (M20)

Payload Interfaces

Quantity	Interfaces	Notes
3	Pole 50 mm ⌀	For attaching ordinary equipment
1	AL340 Bolt Pattern	For attaching additional AL340 series modules/headframes
1	AL340 Triangular Uprights	For attaching AL340-specific brackets

Subcomponents

Quantity	Item	Materials	Material Finish
1	Welded Assembly, Ø70 Spigot Feet for M20 Hinge Pins, 50x6 mm Tube Uprights (6082-T5), 32x3 mm Tube Braces, 48.41x4.47 mm Tube Bottom Horizontals	Aluminium 6061-T6	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 26 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/mounting-structures/al340-aluminium-modular-lattice-tower-heavy-duty-base-module?v=837

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