

Portable Modular Platforms

"Built to Perform, Urban to Outback"

sales@aratect.com



Multi-configurable platform system

- Rapidly configure to suit project timelines
- Re-configure for subsequent projects
- Replaces need for multiple deployment systems
- Engineered for enduring performance

Economical Lifetime Cost

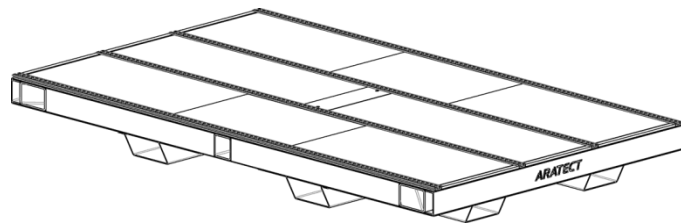
- Savings with on-going capex and disposal costs of obsoleted equipment
- Durable, corrosion resistant, recyclable
- Low risk with uncertainty of changing projects

Conversion

- Adaptable Off-The-Shelf (MOTS+) system
- Skid platform converts to/from mobile platform
- Removable drawbar and axle system

Shipping & Storage

- Able to be forked onto transport or racks
- Small footprint minimises cubic freight charges
- Avoids shipping or storing 'dead space'



Applications

- Communications – LTE & WiMax Networks (4G), Microwave Links, Satellite, Radio Voice & Data
- Monitoring – Environmental, Telemetry, Security
- Optics – Camera, Surveillance, Guidance Systems

Design

- Modular, scalable, practical, affordable
- Developed in partnership with Clark Masts to integrate with their modular mast range to 25m

Engineering

- Built to perform in harsh, varying conditions
- Equipment fixtures suit long term deployment
- Turnkey system CAD modelling is available

Skid Platform

- Multi-purpose platform with robust build
- Saves site preparation if uneven ground
- Out-riggers may be anchored or ballasted

Equipment on Platform

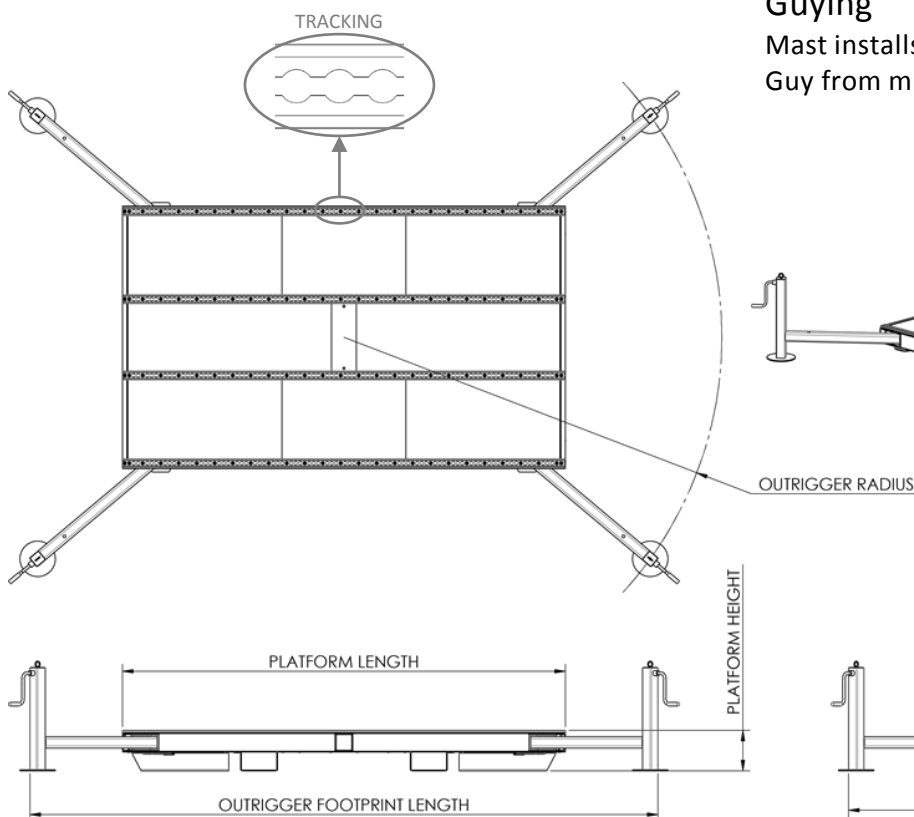
Aircraft lock-down tracking runs in 4 rows over the platform to securely attach the equipment array to platform fixtures. Fasteners to interface with the tracking are engineered into standard / custom fixture options.

Custom fixtures are CAD engineered to suit the end-user specified equipment array. Typical equipment includes cabinets / 19" racking, batteries, generator, solar panels and storage.

Storage

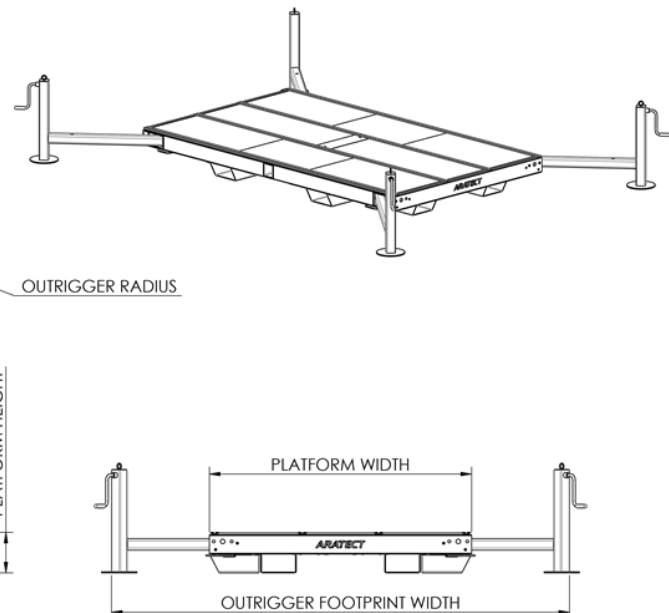
Platform length of 2,500mm suits side loading into standard warehouse pallet racking – typical bay widths are a minimum of 2,590mm. Forklift pockets are integrated into the platform base. May be end loaded into a shipping container. Low profile maximises available space for multiple systems and other equipment.

Technical Data PLATFORM ONLY	
Dimensions	
Length	2,500 mm
Width	1,480 mm
Platform Height	230 mm
Outrigger Radius	2,135 mm (Footprint, L x W: 3,545 mm x 2,585 mm)
Weight	175 kg
Capacity	2,000 kg (as Skid Platform)
Specification	
Flooring	Anti-Slip Lightweight Composite (UV & Water Resistant)
Mounting Hardware	Lightweight High Strength Tracking
Construction	
Platform	Structural Grade Aluminium
Outriggers	Zinc Passivated Steel (Qty 4; Option for Qty 6)



Guying

Mast installs may be guyed to outrigger top rings. Guy from mid or head of mast, as appropriate.



Mobile Platform

- Convert skid platform to a mobile solution
- Removable stub axle suspension system
- Removable drawbar
- Interchangeable hitches
- Quick connect electrical fittings

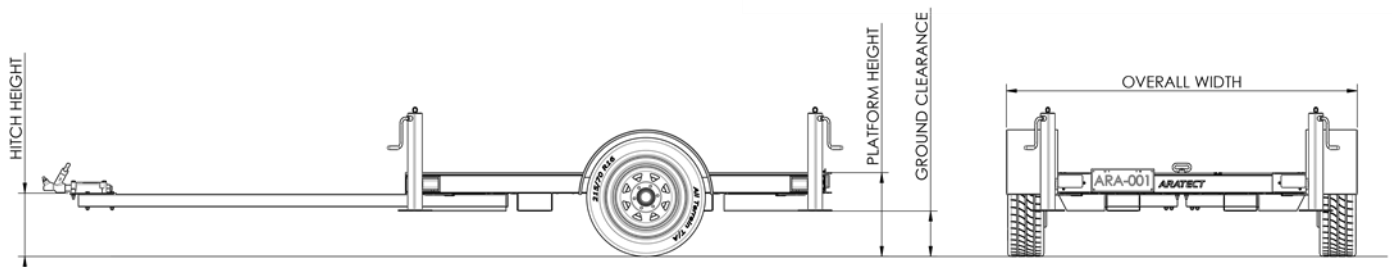
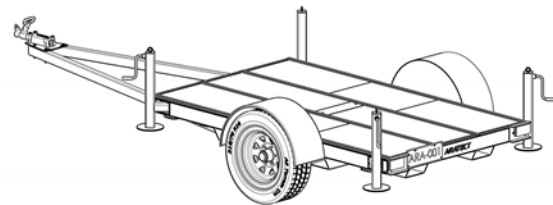
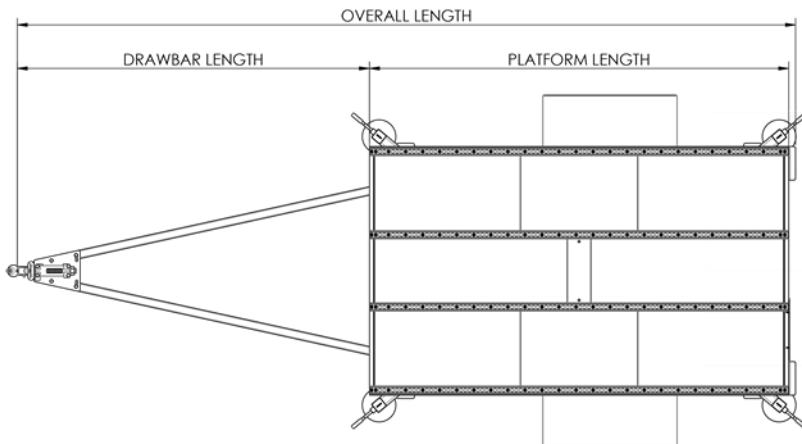
Regulatory Compliance

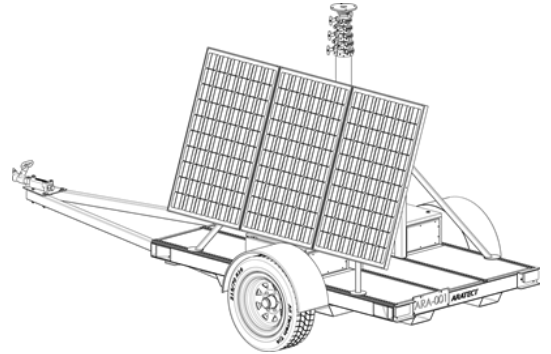
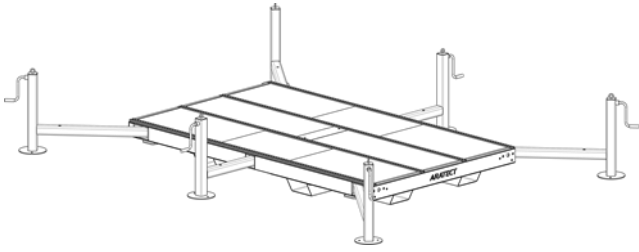
- ADR compliant. Registerable Aust-wide
- International compliance upon request

Advantages

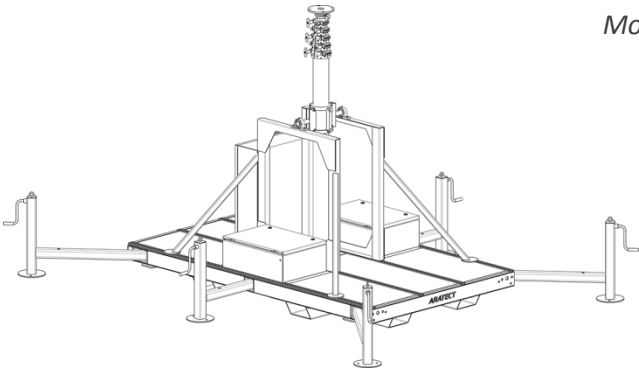
- Aluminium construction is lighter than steel ⇒ higher payloads and has better durability
- Lightweight, slip resistant polyurethane composite flooring is removable to access protected wiring harness and tool storage
- Shipping / Storing 'dead space' is minimised
- Un-manned sites are safer from theft by removal of drawbar and/or stub axles

Technical Data		MOBILE PLATFORM
Dimensions		
Length	4,640 mm	(Drawbar: 2,100mm; Lamps: 40mm)
Width	2,100 mm	
Platform Height	500 mm	
Ground Clearance	270 mm	(Hitch Height: 380 mm)
Weight	375 kg	
Capacity	1,500 kg	(as Mobile Platform)
Specification		
Tyres / Rims	215 / 70R16	
Hub	6 stud Landcruiser (Optional 5 stud Ford)	
Brakes	Hub Only (Under 750kg); Electric (Over 750kg)	
Suspension	Independent Torsion Axle	
Tow Hitch	50mm Ball (75mm Ring option. Alternatives available)	
Lighting	LED (Quick connect)	
Construction		
Platform	Structural Grade Aluminium	
Axles	Zinc Passivated Steel	
Drawbar	Galvanised Steel	

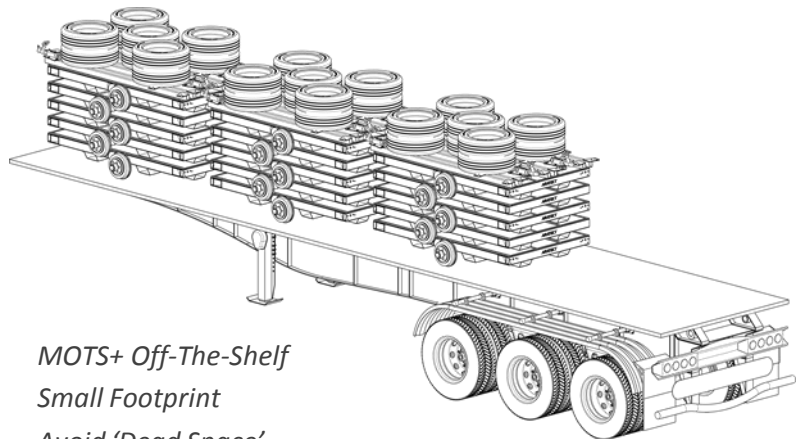
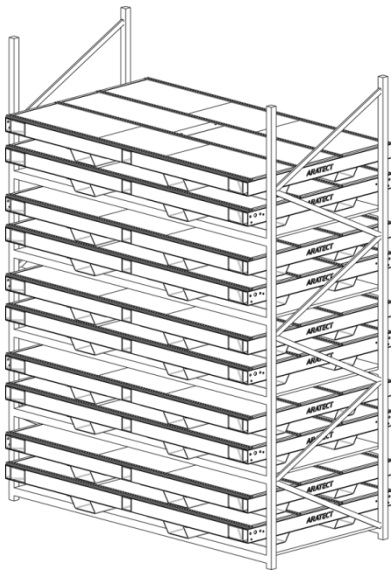
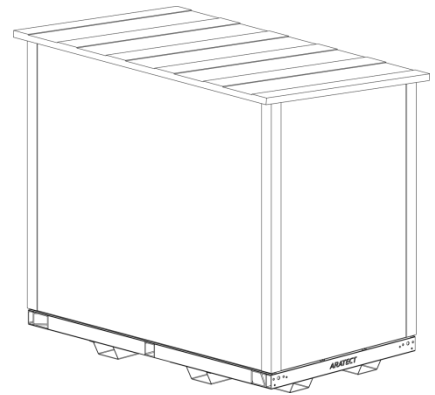




*Upgrade Paths
Enduring Capability
Modular and Scalable*



*High Performance
Value for Money
Low Risk Solution*



*MOTS+ Off-The-Shelf
Small Footprint
Avoid 'Dead Space'*

Aratect Systems Pty Ltd

12A Lieber Grove, Carrum Downs, 3201
Victoria, Australia

E: sales@aratect.com

T: +61 3 8685 8635

A partnership with Clark Masts