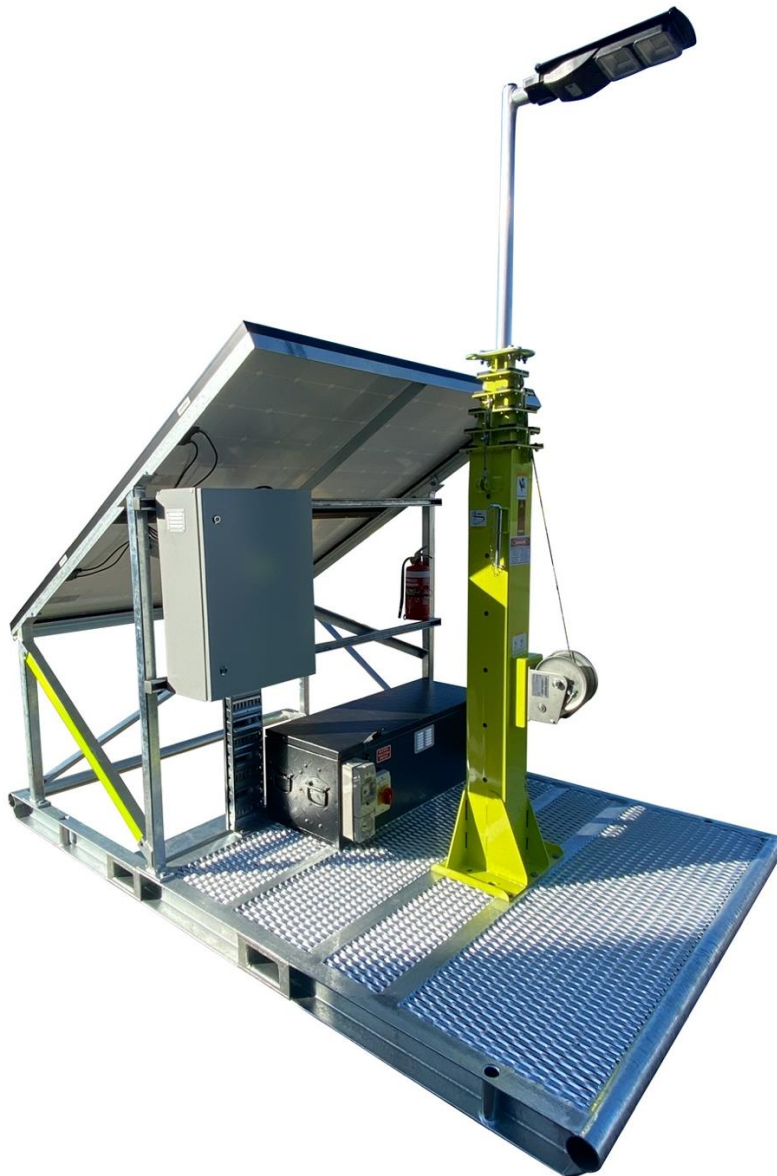


Skid Mounted Communications System

The Telco Antennas Skid Mounted Communications System has been designed specifically for the harsh and forever changing landscapes of Mines and construction sites across Australia. With a focus on providing a rugged, practical, adaptable solution that requires minimal maintenance and can be rapidly deployed in the field to support Wi-Fi networks, UHF, 3G, 4G and 5G communication systems, CCTV Cameras, GPS tracking systems, meteorological and ecological data collection.



Overview

Skid Frame:

The Skid is built from heavy-duty Galvanised steel to provide a robust and durable base to support the mast and solar system. The frame has four 1tonne lifting lugs located on each corner that can be used for loading and unloading or as towing points to move the skid around site with heavy machinery, four through frame anchor points to secure the system to the ground if required and two forklift tine sleeves located the skids centre of gravity.

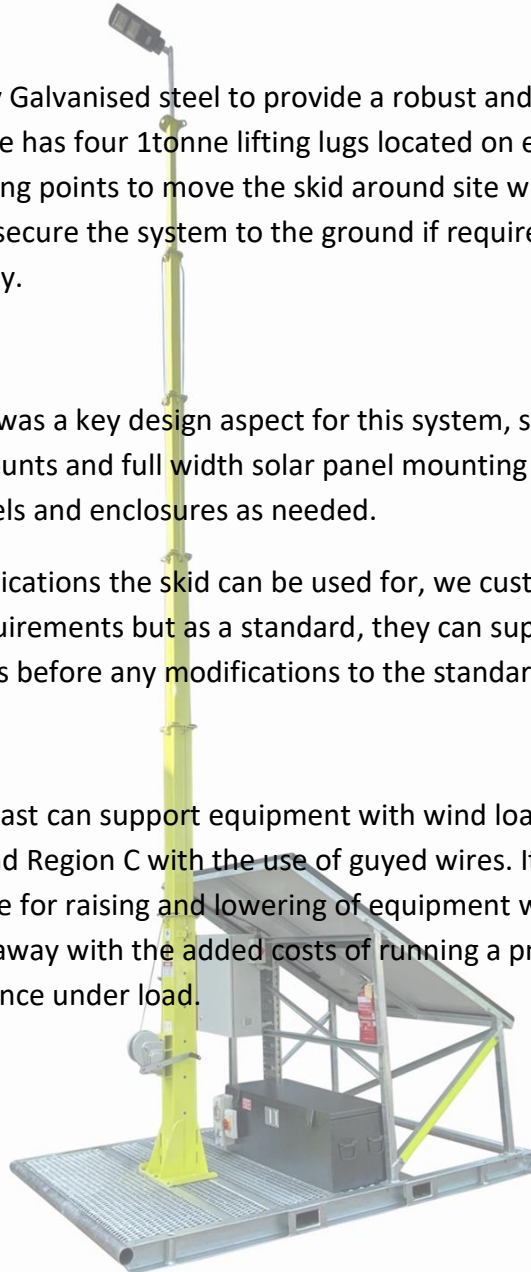
Solar and Power System:

Providing an adaptable solution was a key design aspect for this system, so as a standard feature we've included full width enclosure mounts and full width solar panel mounting rails making it easy to add remove or change out solar panels and enclosures as needed.

Because of the multitude of applications the skid can be used for, we custom design each power supply based on the clients specific requirements but as a standard, they can support up to three 330watt solar panels and five 120amp batteries before any modifications to the standard design need to be made.

Telescopic Mast:

The 7.5meter Steel Telescopic Mast can support equipment with wind loading of up to 1.89m2 un-guyed in wind region B and 1.89m2 in wind Region C with the use of guyed wires. It utilises a manual winch with a built-in self-locking safety feature for raising and lowering of equipment which means the mast requires minimal maintenance and does away with the added costs of running a pneumatic or hydraulic system without sacrificing any performance under load.



Technical Specifications

| | |
|---|---|
| Dimensions (L x W x H) | 2800mm x 1800mm x 1960mm with mast retracted |
| Weight | 612kg (as depicted in photos) |
| Mast Details | 1800mm collapsed 7800mm extended Expected lateral deflection with 600mm dish antenna @ 27m/s: self-supporting: 157mm Guyed: 20mm |
| Design ultimate wind speed | 64.0m/s (Wind region C) |
| Design Serviceability wind speed | 47.0m/s |
| Optional solar array | 2 x 330watt LG Neon3 panels |
| Optional battery arrangement | 2 x 120amp lead acid batteries |
| Optional Electrical enclosure (H x W x D) | 800 x 600 x 400 IP66 powder coated finish |

