

COMMUNICATIONS TRAILER





SPECIFICATIONS

TRAILER CHASSIS

- Heavy duty 100 X 50 X 4mm RHS hot dipped galvanised frame.
- Fabricated 5mm plate light bar.
- Fabricated 2mm mud guards with checker plate supports.
- Tow hitch - Swivel eye to suit 50mm pintle ring hook type.
- 2 safety chains and D shackle.
- Standard 7 pin round connector with LED brake, indicator and parking lights.
- 4 X heavy duty Manutec stabiliser legs.
- Heavy duty dolly wheel bolted to a frame.
- Optional handrail and fold down step (depend on mast fitted)
- High vis 50mm fluro yellow tape around chassis.
- 2 ton rated axel and running gear with cable disc brakes.
- 6 stud Landruiser rim fitted with Cooper AT3 tyres.
- 2 Wheel chocks with holder.

MAST

- Fireco Heavy Steady Pneumatic Telescopic mast.
- 8.076 metre extended height. 2.07 retracted height.
- 360 degree manual turnable mast.
- Maximum head load 130 kg.
- Maximum allowable wind speed 105kg.
- 24 volt high output Fireco compressor.
- Optional Linear Actuated mast on request.
- 19mm ID Nycoil self store hose with 2 cat 6 coms cables and 2 of 4mm twin core standard.
- Custom designed powder coated Mast Antenna to suit clients specs.

TRAILER ENCLOSURE

- 2mm Zinc Anneal fabricated enclosure powder coated to customers specs.
- Accessible from both sides.
- Stainless steel strap hinges and T handle Locks.
- Separate ventilated battery compartment with hot dipped galvanised forklift removable battery tray.
- Led flashing light.

ELECTRICAL

- Electrical system conforms to Extra Low Voltage requirement of Australian Standards.
- 800 long X 400 wide B&R enclosure for electronics.
- Native system voltage of 24 volt DC with additional power supplies at 12, 48 and 57 volt supplied by a Helios power. converter Part Number #AMP-K5800.
- DC circuit breaker for main battery, Solar and compressor feeds.
- 6 way Narva fuse holder.
- Solar regulating and battery monitoring with Victron Smart Solar MPPT 150/70 -Tr VE Can.
- Rub Cut Protection on all cabling.
- RJ 45 bulk head connector for monitoring.
- Victron Smart shunt and digital display.

SOLAR

- Electrical Requirements for 32 ah per day @ 24V continuous draw
- 3 panels run in series @ 335W Totalling 670 Watt of solar power
- Trinasolar Honey M framed 60 335W split cell 1698mm X 1004mm profile
- Schletter rail clamps allow easy removal of solar panels.
- Easy deployable Hinged solar panel frame.

BATTERY STORAGE

- Battery capacity 350AH @ 24 Volt Maximum Depletion 60%.
- 6 X 12 Volt Batteries in series parallel connection to 24 Volt. Refer to Solar Specification sheet for further details.
- Batteries are AGM Victron Super Cycle Battery.
- Sufficient space for 8 batteries included.
- 24Volt Anderson Plug for emergency charging mounted to enclosure.

COMMUNICATIONS HARDWARE

- Communications Hardware is Site and build specific and does not come standard on trailer.
- It can be supplied by client or allowed for at quotation Stage.