



BRITETECH

A Division of Briteforce

Comms TRAILER

Wireless Communications Trailer 450Ah Hydraulic 4 Panel WCT450(H)-4P

Britetech's standard mine specification Wireless Communications Trailer is available in two models WCT400H - (Hydraulic Mast) WCT400E (Electric Mast). Both units provide a high quality platform for your mobile communications requirements. Built to cope with the toughest conditions, The WCT400 series weighs less than 2 tonnes per tower, which means it can be towed by any on site vehicle.

This hydraulically operated model reaches a maximum height of 12.5 metres. Customer specific headstock can be optioned with radio bar tilt and rotation of 360°, all controlled from the ground. Safe, one-man operation significantly reduces the likelihood of handling injuries or the requirement of extra personnel.



- 1580W – 4X 395W SOLAR PANELS
- USER FRIENDLY
- MINE SITE READY
- SIMPLE ONE PERSON OPERATION
- AUSTRALIAN MADE
- QUALITY BUILT
- FULL HYDRAULICS – ELECTRIC VERSION OPTIONAL
- 360° MAST ROTATION
- AUTOMATED SOLAR PANEL DEPLOYMENT - OPTIONAL



1300 001 576 
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WCT450(H)-4P COMMUNICATIONS TRAILER SPECIFICATIONS

DESCRIPTION

Designed for safe, single operator use. Comms gear accessible from ground level	230V AC - 48V DC - 37A Charger to allow for external battery charging
Rugged Mine Spec Chassis	395W Max3 Solar panels SunPower
Easy to operate Control Panel (lockable)	Electrically operated solar panel deployment
Full 10m/12.5 High Multistage Hydraulic Mast	Aluminium floor plate on underside of solar panel frames
Double Acting Hydraulic Rams	450Ah LiFePO4 Battery pack 48VDC
Hydraulic Cylinder Rod Ceramification - (40 x rod chrome life in salt spray)	Victron energy MPPT 250/60
Lock-safe Lockable Battery Isolator Bracket & dual pole Battery Isolator	Victron SmartShunt 500A / 50mV - Bluetooth Battery Shunt
Cable Over-Ride Brakes	Victron Cerbo GX
75mm Ring Hitch	GX Touch 50
Front 300mm of draw bar and hitch painted brown	Britetech GPS USB Puck
Heavy Duty Wind Down Out Rigger Legs	316 Stainless Steel fasteners
Centre and Forklift Lifting Points (Certified)	Mount to suit Communications Hardware
Lifting and tie down points painted yellow	Electrically operated 90° Pan Mount for PTZ Camera Options
H/Duty 2 Tonne Off-Road Suspension Single Axle 6 stud L/C	Electrically operated 360°Pan and 30°tilt mounting bracket for PtMP Options
16 x 7 ROH Track 2 Wheels 6 stud L/C	4.5kg dry chemical fire ext with quick release brackets
LED Taillights	Wheel chock & S/S bracket x 2
Sand Blasted Zinc Powder Prime & Powder Coated (Blaze blue)	DIN CAPTIVE LOCK DOG 6.5MM
Cable Track on mast	Various Circuit Breakers for DC C Curve
High-Vis Plant No. & High-Vis Strips on Legs, Top of Cabin, Draw Bar, Rear of Tower	Aluminium junction boxes
Wheel Nut Indicators	240V AC Dual pole circuit breaker and lockout device
Communications gear cabinet (lockable) IP66 rated 600H x 600W x 300D	CAT6 1RU patch panel
Aluminium heat shields powder coated pearl white	Stainless steel and traffolyte labels where required
Battery box enclosure with EXIDE maintenance Free N70ZZ Battery	Stainless steel cable labelling where required
Hydraulic pump unit and enclosure - 12V DC	Electrical schematics and cable schedule for comm's and power
12V Battery with separate trickle charger for all mast operations	LCOM Cat5e Outdoor Shielded and stranded

DIMENSIONS (Hydraulic 10m)

Overall Width Stowed: 2178mm	Overall Height Stowed: 2269mm
Overall Length Stowed: 5000mm < Length < 6300mm	Wind Load Certified: 100km/h deployed
	Weight: 1700kg < Weight < 2000kg

RAJANT CORE TRAILER COMMUNICATION HEAD



LTE TRAILER COMMUNICATION HEAD

Communication heads can be custom made and fitted to your specifications.

10.2 metres



Safe and simple one person operation



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