

# LEDcompact 1.6K

## Manual Legs

### LED mobile lighting tower

This compact unit takes its name from its size. At only 2.2 metres high, 1.6 metres wide and 2.3 metres long, seven units can be loaded side by side onto a standard 40 foot trailer or into a 40 foot sea container. Which allows for significant savings in transport cost.

The LEDcompact 1.6K is also quiet enough (64 dba at 7 metres) to be used at events, nighttime road construction and mining. The hydraulically operated tower reaches a height of 8 metres and the tower weighs less than 1.5 tonnes with 350° mast rotation and 180° light bar tilt. This one-man-operated unit is ideal for many applications and is extremely easy to erect and pack away.



180° light bar tilt



350° mast rotation



- TRANSPORT 7 UNITS PER 40FT TRAILER
- USER FRIENDLY
- MINE SITE READY
- SIMPLE ONE PERSON OPERATION
- FULL HYDRAULICS
- AUSTRALIAN MADE QUALITY BUILT
- FULLY BUNDED
- 278 HOUR RUNNING TIME PER TANK
- FUEL CONSUMPTION 0.79L PER HOUR
- 3 YEAR WARRANTY ON LED LIGHTS
- 48 V DC LOW VOLTAGE

#### Light Capacity

4 x 400 W Briteforce  
OctaLED 400 lights  
1437 square metres  
@100 lux 240,000 effective lumens

**LIGHT  
YOUR SITE  
TODAY**



**INDUSTRY  
LEADERS IN  
SUPPLYING  
HAND BUILT,  
HIGH QUALITY  
PRODUCTS**



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# BRITEFORCE LEDcompact 1.6K LIGHTING TOWER SPECIFICATIONS

## MAST SYSTEM

Max Mast Height	8 metres
Raise	Hydraulic (One ram)
Light Bar Tilt	Electric 180° (12 V DC)
Mast Rotation	Manual 350°
Hydraulic System	12 V DC power unit
Wind Load Certification	100 km/h

## DIMENSIONS

Overall Height	2.2 metres
Overall Width	1.6 metres
Overall Length	2.3 metres
Dry Weight	1210 kg
Wet Weight	1390 kg
Max towing Speed	100 km/h
Wind load Certified	100 km/h

## ELECTRICAL CONTROLS

Auto Start	Self-start ready
Auto Stop	Real time adjustable timer
Boom Operation	Electric over hydraulic
Switch Operated	12 V DC power
Engine Protection	Fail safe (oil, temp, low coolant)
No Load Safety Start Up	Prevents starting and stopping under load
Emergency Stop	12 V DC power unit
Main Circuit Breaker	100 A

## ENGINE

Yanmar	3TNV70 3 cylinder
Engine Speed	1500 rpm
Engine Power	6.1 kW
Hydraulic Oil Tank	1.5 litres
Fuel Tank	220 litres
Fuel Consumption	0.79 litres per hour

## ALTERNATOR / GENERATOR / NSM (PMG)

Bearingless	Brushless
Output Voltage	48 V DC output
Output Amps	63 A

## BRITEFORCE LIGHTS

LED	48 V DC light
Wattage	400 W per light
4 x Light Coverage	1437 square metres @100 lux 240,000 effective lumens
Warranty	3 years on LED lights

## CHASSIS

Base	Heavy duty RHS construction
Suspension	Heavy duty off road
Axle	Heavy duty off road
Brakes	Mechanical cable drum
Hand Brake	Mechanical cable
Wheels	R16 ROH off road L/C 6 stud
Tie Down Points	4
Manual Wind Down Stabilisers	4 legs

## LIFTING

Two Point	Certified
Fork Lift Pockets	Both sides and rear

## OPTIONS

Rubber battery cover	75mm ring hitch
Cat style jump start recepticals	1500 hour service kit (oil, fuel and air)
4.5kg dry chemical fire extinguisher with quick release bracket	Custom colour choice
Exhaust system blanket	Day/night auto start stop sensor
Locking gas stays	Wheel nut indicators
Electric fuel sender with low fuel warning display	Internal work light
Wheel chocks & S/S brackets x 2	Extended light Bar 9.6 metres
High vis asset numbers & strips	

8 metres



Leaders in LED technology  
3 year warranty on LED lights.



## Light Capacity

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OctaLED 400 lights  
1437 square metres  
@100 lux 240,000 effective lumens

Safe and simple one person operation



Briteforce uses  
**YANMAR**  
engines



**BRITEFORCE**

See your site in a new light

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\*Conditions apply.