

LEDcompact 2.4K

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 2.4K 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.

350° mast rotation

180° light bar tilt



- TRANSPORT 7 UNITS PER 40FT TRAILER
- USER FRIENDLY
- MINE SITE READY
- SIMPLE ONE PERSON OPERATION
- FULL HYDRAULICS
- AUSTRALIAN MADE QUALITY BUILT
- FULLY BUNDED
- 200 HOUR RUNNING TIME PER TANK
- FUEL CONSUMPTION 1.1LTR PER HOUR
- 3 YEAR WARRANTY ON LED LIGHTS
- 48 V DC LOW VOLTAGE

Light Capacity

6 x 400 W Briteforce
OctaLED 400 lights
2155 square metres
@100 lux 360,000 effective lumens

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

**LIGHT
YOUR SITE
TODAY**



BRITEFORCE LEDcompact 2.4K 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 | 1240 kg |
| Wet Weight | 1420 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 | 1.1 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 |
| 6 x Light Coverage | 2155 square metres @100 lux 360,000 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.

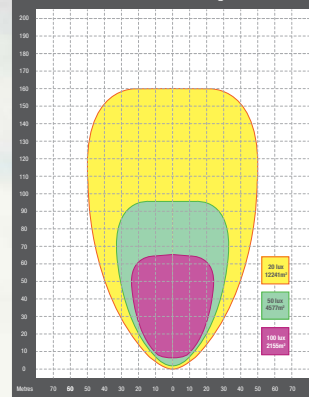


Light Capacity

6 x 400 W Briteforce OctaLED 400 lights
2155 square metres
@100 lux 360,000 effective lumens

Briteforce Light Plot

6 x OctaLED400 lights



Safe and simple one person operation



Briteforce uses **YANMAR** engines



BRITEFORCE

See your site in a new light

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*Conditions apply.