

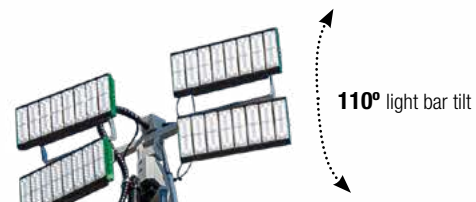
LEDstar 1.6K-ML

Manual Legs

LED mobile lighting tower

Briteforce's standard LED mine specification light tower is available in two models LEDstar 1.6K-HL (hydraulic legs) and LEDstar 1.6K-ML (manual legs), both units provide 1600W of LED lighting. Built to cope with the toughest conditions. The LEDstar 1.6K series weighs less than 2 tonnes per tower, which means it can be towed by any on site vehicle.

The hydraulically/electrically operated light towers reach a maximum height of 10.2 metres with light bar tilt of 110° and rotation of 350°, all controlled from the ground. One-man operation of both tower and lights significantly reduces the likelihood of handling injuries when compared to manual control.



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

Light Capacity

4 x 400 W Briteforce
OctaLED 400 lights
1540 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 LEDstar 1.6K-ML LIGHTING TOWER SPECIFICATIONS

MAST SYSTEM

Max Mast Height	10.2 metres
Raise Hydraulic	(Double acting)
Extended Hydraulic	(Double acting)
Light Bar Tilt	Electric 110° (12 V DC)
Light Bar Rotation	Electric 350° (12 V DC)
Cable Track Protection	Electrical cable / Hydraulic hoses
Hydraulic System	12 V DC power unit
Wind Load Certified	100 km/h
Auto Operating	Stow pin

DIMENSIONS

Overall Height	2.2 metres
Overall Width	1.8 metres
Overall Length	4.9 metres
Dry Weight	1460 kg
Wet Weight	1710 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 (up to 9 programs)
Mast 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	11 litres
Fuel Tank	300 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	1540 square metres @100 lux 240,000 effective lumens
Warranty	3 years on LED lights

CHASSIS

Fully Bundled	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

Centre Lift Point	Certified single point lift
Fork Lift Pockets	Both sides

LIGHTING TOWER OPTIONS

Rubber battery cover	Custom colour choice
Cat style jump start receptacles	Electric fuel sender with low fuel warning display
Spare wheel carrier	Wheel chocks & S/S brackets x 2
Spare wheel	Wheel nut indicators
Exhaust system blanket	Internal work light
75mm ring hitch	Locking gas stays
1500 hour service kit (oil, fuel and air)	Day/Night auto start stop sensor
4.5kg or 9kg dry chemical fire extinguisher with quick release bracket	High vis asset numbers & strips on sides, rear and draw bar

10.2 metres



Leaders in LED technology
3 year warranty on LED lights.



Light Capacity

4 x 400 W Briteforce OctaLED 400 lights
1540 square metres
@100 lux 240,000 effective lumens

Safe and simple one person operation



BRITEFORCE

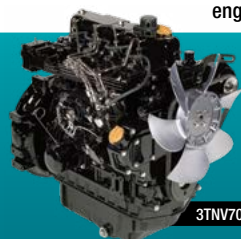
See your site in a new light

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Briteforce uses
YANMAR
engines

3TNV70

*Conditions apply.