

LEDskid 7.6K

LED mobile lighting tower

The Briteforce LED skid-base lighting tower is the ultimate in turning night into day. When positioned and operated at the top of the pit wall or on a high bench, this 7600W LED light tower will provide enough peripheral lighting in your pit to make the drivers of the smallest light vehicles feel safe in the knowledge that heavy machinery operators can see all objects in their operational areas. Take the risk out of your nightshift operations for 2.7 litres of diesel per hour with the Briteforce LED skid-base unit.

This is the newest and most powerful unit in the Briteforce range with many innovative features. The hydraulic mast can be extended up to 12 metres and rotated by 300°. The lighting unit consists of 19 x 400 Watt Briteforce OctaLED400 lights providing 1,140,000 effective lumens. The light bar can tilt 90° and rotate 120°. Maximum safety is built in with a two hand operated dead man switch, safety rails, an auto start-stop timer, hydraulic circuit safety switch and a lockable battery isolator switch.

The LED skid-base lighting tower features heavy duty push bars and tow points at both ends and four rated lifting points for easy loading and positioning by crane.

90° light bar tilt.

120° light bar rotation.

- 1000LTR FUEL TANK BUNDED
- ELECTRICAL FAIL SAFE SYSTEM
- HEAVY DUTY SKID BASE WITH STEPS AND HANDRAILS
- FAIL-SAFE SHUTDOWN SYSTEM
- LIFTING POINTS AND RATED TOWING CHAINS
- DAY/NIGHT AUTO START-STOP
- FULLY BUNDED
- 370 HOUR RUNNING TIME PER TANK
- 3 YEAR WARRANTY ON LED LIGHTS
- 48 V DC LOW VOLTAGE
- MINE SITE READY



**LIGHT
YOUR
SITE
TODAY**



Light Capacity

19 x 400 W Briteforce
OctaLED 400 lights
(1,140,000 effective lumens)

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

300° mast rotation.

The light mast can extend to **12 metres** high and rotate **300°**.



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BRITEFORCE LEDskid 7.6K LIGHTING TOWER SPECIFICATIONS

SPECIFICATIONS

| | |
|------------------------|------------------------------------|
| Engine | Yanmar 3TNV84T 3 cylinder |
| Engine Power Rating | 14 kW |
| Aspiration | Turbo charged |
| Engine Speed | 1500 rpm |
| Fuel Consumption | 2.7 litres per hour |
| Generator / Alternator | 48 V DC 200 A Sincro |
| Lighting Capacity | 7600W (1,140,000 effective lumens) |
| Colour | Blaze blue or custom colour choice |
| Top of Mast Height | 12.00 metres |

DIMENSIONS AND WEIGHT

| | |
|----------------|-------------|
| Overall Height | 2.65 metres |
| Overall Width | 2.35 metres |
| Overall Length | 6.58 metres |
| Dry Weight | 7250 kg |
| Wet Weight | 8100 kg |

DETAILS

- Heavy duty skid base with steps and handrails
- 1000 litre fuel tank banded
- Rated lifting points and towing chains
- 16t Forklift Pockets
- Full push bar and dozer drag points
- Bisalloy wear plates
- Instrumentation - hour meter (digital)
- Easy to operate control panel
- Engine auto start stop feature
- LCD shutdown display
- Fault log (logs all faults)
- Fail-safe shutdown system - high temp, low oil pressure & low coolant
- Hydraulic circuit safety switches
- Low water shut down
- Electrical fail safe system (No load start-up & shut-down)
- Auto start - stop timer system (Up to 9 programmable settings)
- 90° light bar tilt electric (12 V DC)
- 120° light bar rotation hydraulic
- Full 12m high multi stage hydraulic mast 300° mast rotation hydraulic
- Double acting hydraulic rams
- Lockable battery isolator switch
- Mine-safe radiator cap
- 50°C radiator
- (4) four rated lifting points
- Wind load certified to 100 km/h at full height
- Risk assessment certified
- Donaldson heavy duty air cleaner
- Fully banded
- Emergency stop
- Boom stow holder
- Zinc coated & powder coated
- Cable track for additional protection
- Lockable cabin

OPTIONS

| | |
|--|---|
| Rubber battery cover | Custom colour choice |
| Cat style jump start recepticals | Electric fuel sender with low fuel warning display |
| Exhaust system blanket | High vis asset numbers & strips on sides, rear and draw bar |
| 1500 hour service kit (oil, fuel and air) | Internal Work light |
| Locking gas stays | Day/Night auto start-stop sensor |
| 4.5kg or 9kg dry chemical fire extinguisher with quick release bracket | |



Leaders in LED technology
3 year warranty on LED lights.

Light Capacity

19 x 400 W Briteforce
OctaLED 400 lights
(1,140,000 effective lumens)

12 metres
when fully
extended.



Safe and
simple one
person
operation



Briteforce uses
YANMAR
engines



BRITEFORCE

See your site in a new light

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