

GUIDING PATH TO PRODUCTIVITY MAHINDRA POWEROL MOBILE LIGHTING TOWERS



- Heavy Duty & Rugged
- 360° rotation of LED lights
- Easy to lift and transport

FIVE FACTORS THAT SHOULD BE CONSIDERED TO CHOOSE THE BEST LIGHTING TOWER



MAINTENANCE

Lighting towers are often required to operate 24/7 to help operators deliver jobs on time, so preventing downtime is crucial. Choosing a lighting tower with extensive maintenance intervals, will help minimize downtime. Having easy access to the lighting tower's maintenance points can also help speed up troubleshooting and the overall maintenance process, reducing downtime.

CANOPY

As many lighting towers are used in very harsh weather conditions, the design of the canopy should be made of the material that is corrosion and crack resistant, environmentally friendly, and able to meet the demands of the working environment. Mahindra Powerol Heavy duty canopies have a proven record for heavy duty performance & durability.

TRANSPORTABILITY

Although lighting towers can spend long periods of time placed in one location, it is useful to choose a model designed with portability and transportation-efficiency in mind. This will ensure great deployment efficiency throughout its working life. Mahindra Powerol MLT comes with an adjustable tow bar which improves flexibility safety and enable easy handling of the units when they are towed with vans, trucks, and pick-ups.

SAFETY

While a lighting tower is used to create a safe environment for workers and the public, it is also a piece of equipment with safety risks of its own. It can topple over due to uneven ground or high winds or strike an object above it when raising the mast. Mahindra Powerol MLT comes with wind stability upto 80km/hr preventing the lighting tower from becoming unstable, reducing the risk of it blowing over.

NOISE

As excessive sound generated by portable equipment can be unacceptable in urban environments, industrial work areas, and events, selecting a lighting tower with a low noise level is crucial. Mahindra Powerol emits noise upto 73 dBA making its noise under permissible limits



SPECIAL FEATURES OF MAHINDRA POWEROL MOBILE LIGHTING TOWERS



LED Life Span

More than 50,000 Hours



Continuous Running Hours

60 Hrs @ 75% load &
45 Hrs @ 100% load



Noise level (dB)

73 dB @ 1m



Fuel Consumption

1.2 liter @ 75% load &
1.5 liter @ 100 % load



Service Intervals

250 Hrs



Plug & Light

Easy to plug and switch, Mobile charging socket available for remote charging, Separate switches for all four lights / two lights rotation possible to cover both sides



Light efficiency

135,000 Luminous with 4 X 250 W
& 189,000 Luminous with 4 X 350 W



Wind Stability

80 km/h



Transport Efficiency



Mast Rotation

360°



TECHNICAL SPECIFICATION:**PERFORMANCE**

Rated Power	kW	4
Rated Frequency	Hz	50
Rated Voltage	V AC	230

ENGINE

Model	M/s. Lombardini (KD441-GSI2)	
Speed	rpm	3000
Cooling	Air Cooled	
No. of Cylinders	1	

CONSUMPTION

Fuel Tank capacity	litres	70
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LIGHTS

Flood lights	LED	
Wattage	W	4x250, 4x350 (optional)
Light Span	50,000 Hrs	

MAST

Type	Manual Vertical, 5 section	
Rotation	degrees	360
Max. Height	mm	8300
Max. Windspeed	km/h	80

ENCLOSURE & TRAILER

Trailer	2 Wheel flat bed with towing	
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**DIMENSIONS INC. TRANSPORT
FIX TOWBAR AND WEIGHT**

Length	mm	2485
Width	mm	1052
Height	mm	2700
Weight	Kg	770

**Mahindra & Mahindra Ltd.**

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