mahindra Rise

powerol BY mahindra

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:		
PERFOMANCE		
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 capapcity	litres	70
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
DIMENSIONS INC. TRANSPORT FIX TOWBAR AND WEIGHT		
Length	mm	2485
Width	mm	1052
Height	mm	2700
Weight	Kg	770

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