

# X-ECO (LED-6)



**X-Eco Lighting Towers** from MHM are designed to give substantial benefit to Rental Companies and Contractors.

Sustainable  
Lighting Towers //

## Benefits to the Rental Company:

**TRANSPORT COSTS REDUCED BY**  
**45%** | 13 LIGHTING  
TOWERS ON A  
STANDARD TRUCK

**KUBOTA**  
1500RPM 2 CYLINDER, WATER COOLED DIESEL ENGINE  
C/W 3 YEAR WARRANTY

**45%** REDUCTION IN  
YARD SPACE

**LED FLOOD LIGHT**  
GUARANTEED FOR  
**50,000 HOURS**

**LED LAMPS**  
NO REPLACEMENT OF:  
✓ Bulbs ✓ Lamp Glass  
✓ Ballasts ✓ Ignitors  
**REDUCING SERVICE COSTS**



The X-Eco Lighting Towers have Auto Start/ Stop Light Sensors and AMOSS (Automatic Mast Operating Safety System) fitted as standard

# X-ECO (LED-6)



## Sustainable Lighting Towers //

The CO2 reduction and fuel savings achieved by contractors when hiring X-Eco Lighting Towers can be included in the Contractors Sustainability Policy, which will help win Government and Local Authority contracts.



### Towable Mobile Diesel Lighting Tower

When looking for an advanced, industry suited, fuel efficient mobile lighting tower, look no further than our MHM Towerlight X-Eco (LED-6).

#### Optional extras



### Features

- Multi-directionally adjustable floodlights
- 6 x 150W, 48V LED lighting head
- 8.5m vertical stainless steel 7 section electric hydraulic mast, 350° rotatable
- Galvanised metalworks
- 80µm powder coating
- Very compact dimensions for easy handling & transportability – up to 13 units per truck
- Certified lifting eye, longitudinal and transverse fork pockets for effective handling
- Plug & play, colour coded cables and connectors for all components
- IP23 level protection certified
- Guided main coiled cable to avoid damage during tower operation
- Control panel alarms for engine protection and fuel level indicator
- Electrical protection from overload & circuit breaker
- Fully bundled base, 110%
- Certified wind stability up to 110km/h
- Four quick setup height adjustable stabilisers
- On board levels for guidance during stabilisation
- External emergency stop button
- An MHM Dusk 'til Dawn Auto Stop/Start sensor
- AMOS system (Automatic Mast Operating Safety system)
- 1kVA 240v Aux Power
- Linz alternator (3.5kVA)
- Kubota electric start diesel engine
- MHM engine protection shutdown system
- Complete on Road-tow trailer

	Standard Lighting Tower	X-ECO Lighting Tower	Monthly savings when using X-ECO Lighting Tower
Fuel usage	1.93 L/hr	<b>0.5 L/hr</b>	<b>1.43 L/hr</b>
Fuel cost per month	£462	<b>£126</b>	<b>£336</b>
CO <sub>2</sub> emissions/ month	1,224 kg	<b>336 kg</b>	<b>888 kg</b>
Runtime on full tank	60 hrs	<b>220 hrs</b>	<b>160 MORE HOURS</b>
Lamp type	Metal halide	<b>LED</b>	—
Light sensor	Optional	<b>Standard</b>	—
AMOS kit	Optional	<b>Standard</b>	—

### Specifications

Performance		Frequency (Hz)					
Alternator	Linz	Noise Level	LWA=89 dBa@7m=64				
Single Phase Power - kVA (230v)	3.5	Insulation Class	H				
Auxiliary Outlets (kVA)	1	Mechanical Protection - IP	23				
Engine		Engine Speed – RPM	1500				
Make	Kubota	Cooling	Water				
Type	Z482	Fuel Consumption – Litres/hour	0.5				
Fuel	Diesel	Fuel Tank Capacity – Litres	110				
Number of Cylinders	2	Average Runtime @ 75% Load (Hours)	220				
Power – HP	7	Starting System	Deepsea 3110				
Lighting		Rotation	360°				
Lighting Head	6 x 150W LED	Mast Type	Electric				
Max Mast Height	8.5m	Certified Wind Stability	110km/H				
Dimensions (Transport mode)							
Length: 2540 mm	Width: 1380 mm	Height: 2310 mm	Weight: 890 kg				
Dimensions (Operating mode, stabiliser legs out, mast up)							
Length: 2540 mm	Width: 1550 mm	Height: 8500 mm	Weight: 890 kg				
Socket Configuration		3ph (400V)		1ph (230V)		1ph (110V)	
		32A	16A	32A	16A	32A	16A
X-Eco (LED 6)		-	-	-	1	-	-