

DT-9 (LED-8)

ECO FRIENDLY towable mobile diesel lighting tower



When looking for an advanced, industry-suited, extra fuel efficient mobile diesel lighting tower, our DT-9 (LED-8) has everything the Hire market requires.



9M MAST

Optional extras:



SAVE ON FUEL COSTS



REDUCE CO2 EMISSIONS

Features

- An MHM Dusk 'til Dawn Auto Start/Stop sensor
- AMOS system (Automatic Mast Operating Safety system)
- 8 x 160W LED heads mounted on 4 x fully adjustable 360° swivel and tilt bracket with 2 x LED heads per bracket
- 9m vertical stainless steel electric hydraulic mast
- 1kVA 240v auxiliary power output
- Linz alternator (3.5kVA)
- Kubota electric start diesel engine (Stage 5)
- HVO (Hydrotreated Vegetable Oil) fuel approved
- Exclusive MHM engine protection shutdown system
- Central lifting eye + side and rear fork pockets
- Easy access gull wing doors
- Fully bunded base (110%)
- 4 x easy pull & drop fully adjustable stabiliser legs
- Complete on road-tow trailer

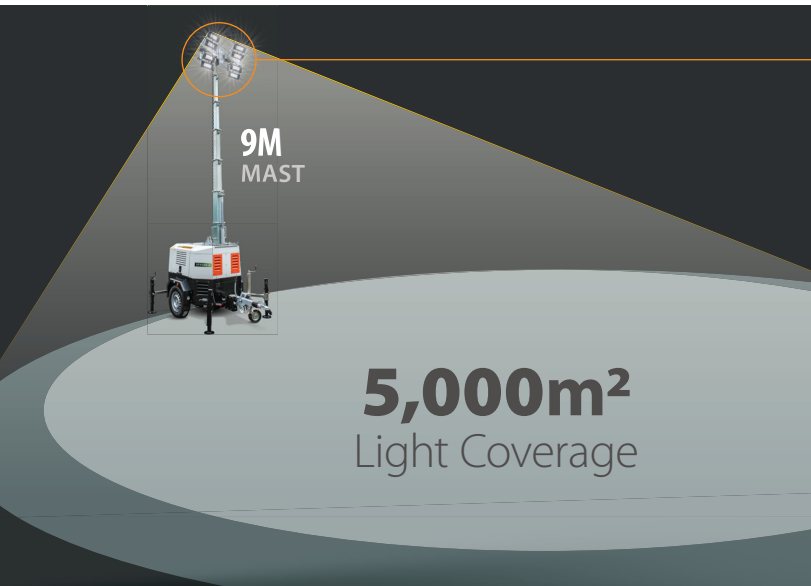
Benefits

- Allowing the lighting tower to automatically start and stop the engine and lights from Dusk 'til Dawn completely unmanned
- Prevents towing of the machine when the mast is upright and prevents mast being erected without the handbrake being on
- Illuminates 5,000m² and allows for a better spread of light with little or no dark spots
- For quick, simple and easy set-up
- Some extra power for general site requirements
- Heavy duty and proven reliability
- Power, reliability & robust strength
- Suitable to run off either diesel, HVO or a mixture of both fuels
- In the case of low fuel, low oil pressure, high engine temperature and battery charge failure
- For flexible and safe loading and off-loading
- Plenty of access for routine checks, servicing and maintenance
- To retain all spilt fluids
- For nice, simple and easy usability and reduced set-up time
- For easy transport and onsite use

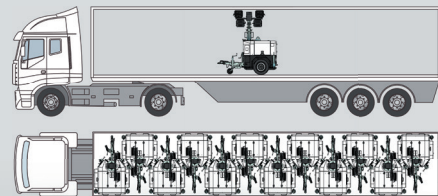


Designed in the UK, built in Italy

DT-9 (LED-8)



Multi position lighting head



Standard load delivery

12 per truck

Specification

Performance

| | | | |
|---------------------------------|------|----------------------------|------------------|
| Alternator | Linz | Frequency (Hz) | 50 |
| Single Phase Power - kVA (230v) | 3.5 | Noise Level | LWA=89 dBa@7m=64 |
| Auxiliary Outlets (kVA) | 1 | Insulation Class | H |
| | | Mechanical Protection - IP | 23 |

Engine

| | | | |
|---------------------|--|---|--------------|
| Make | Kubota | Cooling | Water |
| Type | Z482 (Stage 5) | Fuel Consumption - Litres/hour | 0.5 |
| Fuel | Diesel / HVO (HVO = BS EN 15940:2016 Only) | Fuel Tank Capacity - Litres | 165 |
| Number of Cylinders | 2 | Average Runtime (Hours) | 330 |
| Power - HP | 7 | Total Days Runtime @ 12 Hours per Night | 30 |
| Engine Speed - RPM | 1500 | CO ₂ Output Per Hour 'All Lights On' | 1.31kg |
| | | Starting System | Deepsea 3110 |

Lighting

| | | | |
|-----------------|---------------------|--------------------------|----------------------|
| Lighting Head | 8 x 160W LED | Rotation | 360° |
| Max Mast Height | 9m | Mast Type | Electric / Hydraulic |
| Light Coverage | 5,000m ² | Certified Wind Stability | 110kmh / 70mph |

Dimensions (Storage mode, mast down, stabiliser legs in)

| | | |
|-----------------|----------------|-----------------|
| Length: 2355 mm | Width: 1400 mm | Height: 2440 mm |
|-----------------|----------------|-----------------|

Dimensions (Operation mode, mast up, stabiliser legs out)

| | | |
|-----------------|----------------|-----------------|
| Length: 2355 mm | Width: 2005 mm | Height: 9000 mm |
|-----------------|----------------|-----------------|

Weight

| | |
|------------------------------|---------------------------------|
| Dry Weight (No Fuel): 900 kg | Wet Weight (Fuel Full): 1065 kg |
|------------------------------|---------------------------------|

Socket Configuration

| | |
|---------------------|------------|
| | 1ph (230V) |
| | 16A |
| DT-9 (LED 8) | 1 |

Savings

| | Standard Lighting Tower | DT-9 Lighting Tower | Monthly savings when using DT-9 Lighting Tower |
|--|-------------------------|----------------------------|--|
| Fuel consumption | 2 Litres per hour | 0.5 Litres per hour | 1.5 Litres saved per hour |
| Fuel usage @ 12 hours every night over 30 days | 720 Litres | 180 Litres | 540 Litres saved per month |
| Fuel cost @ £1.15 per litre | £828 | £207 | £621 saved per month |
| CO ₂ emission output* | 1.9 tons | 0.5 tons | 1.4 TONS SAVED PER MONTH |
| Runtime on full tank | 60 hrs | 330 hrs | 270 more hours |
| Lamp type | Metal halide | LED | — |
| Light sensor | Optional | Standard | — |
| AMOS kit | Optional | Standard | — |

* Based on 2.65kg per litre of diesel burnt, working 50 hours per week.

NOTE: All figures are for guidance only. Please contact MHM for your own specific savings.



The CO₂ reduction and fuel savings achieved by contractors when hiring **DT-9 Lighting Towers** can be included in the Contractors Sustainability Policy, which will help them to win Government and Local Authority Contracts.

For more details call **MHM TODAY**
on **0808 168 9099**

Email sales@mhm-group.co.uk or visit us at www.mhm-group.co.uk



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