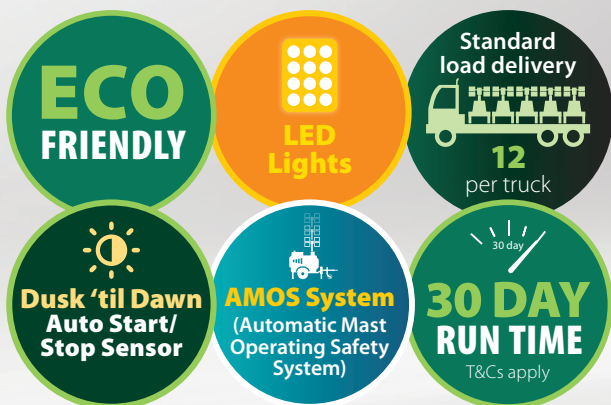


# DT-9 (LED-8)

**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 .



Optional extras:



GPS Telemetry Tracker



Mains Power Input Plug



**9M MAST**



**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 bundled 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 5,000m<sup>2</sup> 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

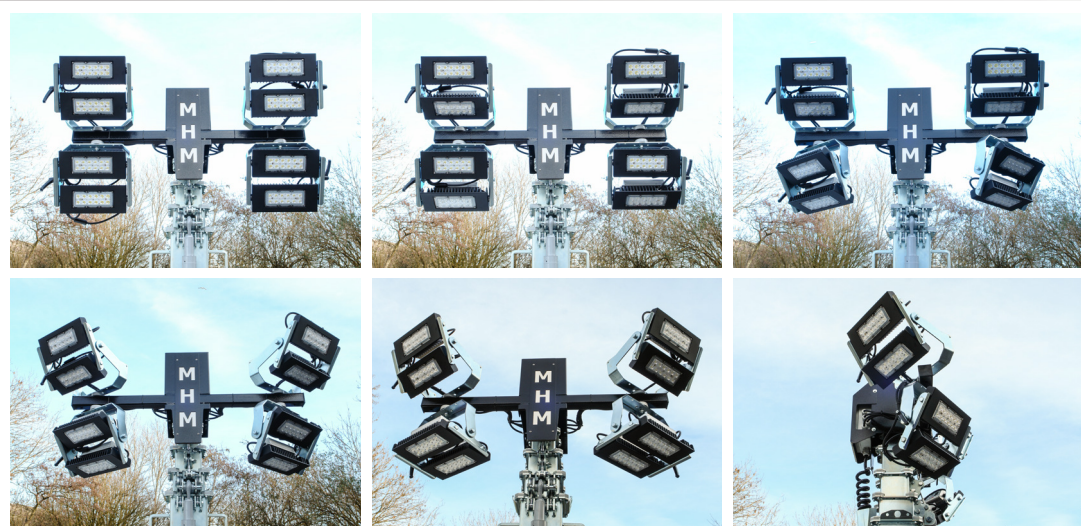
For nice, simple and easy usability and reduced set-up time

For easy transport and onsite use

# DT-9 (LED-8)



Multi position lighting head



## 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	Starting System	Deepsea 3110

### Lighting

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

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

Length: 2355 mm	Width: 1400 mm	Height: 2440 mm
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### Dimensions (Operation mode, mast up, stabiliser legs out)

Length: 2355 mm	Width: 2005 mm	Height: 9000 mm
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### Weight

Dry Weight (No Fuel): 900 kg	Wet Weight (Fuel Full): 1065 kg
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### 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 <sub>2</sub> 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 CO<sub>2</sub> 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 **City Hire**  
on **020 8574 3523**  
Email [specialist@cityhire.co.uk](mailto:specialist@cityhire.co.uk)