

# SMC SL-90 Static Lighting Tower



The static **SMC SL-90** lighting tower is ideal for all temporary hire projects, due to its compact and easily transportable characteristics. The 1000W Metal Halide lamps give a strong and even light stream of around 424,000 lumens, along with an autotilt option for directed light, and can be fully retracted for transport and storage. The lighting towers can be equipped with autostart/stop which allows the user to minimise fuel consumption by 30% or more, yet maximise efficiency.

The lighting tower functions in all climatic conditions and with a comprehensive and protected monitoring system, they are ideal for use in testing situations. Crucial safety features include an emergency stop that disconnects all electrical circuits and shuts down instantly, as well as a mast deployment alarm and a safety system, preventing collisions with overhead obstacles. It is also designed to give operators easy access for routine maintenance.

## Features:

- **Super silent operation** – reduced noise pollution at just 64dB(A) at 7m
- **Hydraulically operated mast** can be fully extended to 9m height in only 12 seconds
- **Compact and robust design** with the ability to load 16 units together for ease of transportation
- **Fork lift pockets and single lift eye** for easy transportation
- **360° rotating head lamp** with telescopic mast for quick and easy operation
- **4 x 1000W Metal Halide lamps** fitted to super high output reflectors for high intensity light
- **Bio-degradable oil** in hydraulic system
- **Engine fluids fully banded** to 120% protecting the environment from spills
- **Fuel efficient** giving 85 hours of operation

## Safety Features:

- Emergency stop button fitted as standard for safety
- Auto shutdown will operate in the event of low oil pressure/levels for enhanced safety

## Optional Extras:

- Electric powertilt lamp control
- 110 Volt power outlet CTE
- Wind down prop stands
- 3-way valve and quick release external fuel connections
- Auto-run timer module
- Softlite lamps

## Applications



Specifications are subject to change without prior notice

**MORRIS**  
SITE MACHINERY

SPECIFICATION	
ENGINE TYPE	Kubota D905-BG 3cyl Water Cooled 7.4kW @ 1500rpm diesel
HYDRAULIC SYSTEM	Bio-degradable Oil
FUEL TANK CAPACITY	130 Litres
FUEL CONSUMPTION	1.53 l/hr (Lamps only)
RUNNING TIME	85 Hours
AVERAGE SOUND PRESSURE LEVEL @ 7 METRES	61dB(A)
ALTERNATOR	Mecc Alte LT3 110 4 Pole, 230V, 50Hz
CONTINUOUS POWER / STANDBY POWER	5.0kW /5.5kW
POWER OUTLET SOCKETS	2 x 16 amp, 230V
MAST MAXIMUM HEIGHT	9010mm
MAST RAISE / LOWER TIME	12 / 18 secs
WIND SPEED	Suitable for operation in wind speeds up to 100km/h
STABILISERS	4
LAMP SPECIFICATION	4 x 1000W Metal Halide
BUNDING	Fully banded to 120% for all fluids
ROAD LIGHTS AND REFLECTORS	Standard
DIMENSIONS FOR TRANSPORT (LxWxH)	1450mm x 1120mm x 2100mm
DIMENSIONS FULLY DEPLOYED(LxWxH)	1980mm x 2040mm x 9010mm*
WEIGHT FULLY FUELLED / UNFUELLED	1050kg / 933kg

## Optional Specifications:

### Petrochemical specification

- Spark arrestor
- Chalwyn valve

### Offshore specification

- Spark arrestor
- Chalwyn valve
- Fuel water trap
- Emergency stop button (fitted as standard)
- Anti-static fan belt
- Braided fuel lines
- Battery isolator switch
- Fuel isolator shut off valve

\* When fitted with powertilt option. Standard height 8740mm.

