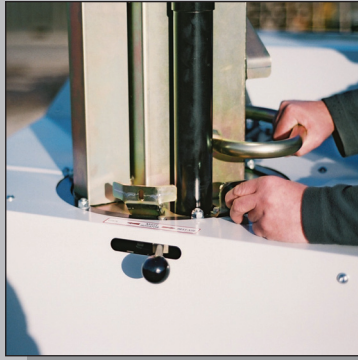




# TL-90 MOBILE LIGHTING TOWER



*360° Mast rotation.*



*Increased access for routine inspection and maintenance.*

## **Features**

- 9m<sup>†</sup> vertical action hydraulic mast height
- 360° mast rotation
- Fully automated mast erection in only 12 seconds
- 4 x 1000W Metal Halide lamps
- Noise level 60dB[A] approx @ 7 metres, 85 LwA
- 130 litre tank, 85 hour-run
- Bio-degradable oil in hydraulic system
- Engine fluids banded 120%
- Mast deployment alarm and safety system - release park brake and mast descends automatically
- Road lights and reflectors fitted as standard
- Fork pockets & single lift eye
- Easy access fuel fill & sight gauge facility
- Emergency stop

## **Options**

- Powertilt lamps
- 110 volt sockets CTE
- Wind down prop stands
- Auto-run timer module



THE ULTIMATE  
LIGHTING TOWER

PERFECT FOR  
RENTAL

NETWORK RAIL  
APPROVED

✓ ISO 9001  
Accredited

SMC LIGHT & POWER



Ultra Compact -  
Saves on  
Delivery Costs.



## TL-90 LIGHTING TOWER

Engine (Diesel)	Kubota D905-BG, 3cyl water cooled, 7.4kWm @ 1500rpm
Oil Sump Capacity	5.1 Litres
Hydraulic System	Bio-degradable oil
Engine Emergency Stop System	12v Solenoid. Energised To Run
Fuel Pump	12v Electric
Fuel Tank Capacity	130 Litres
Fuel Consumption	2.25 l/hr (at Continuous rating)
Maximum Run Time (4 Lamps Only)	85 Hours
Starting Battery / Alternator Amps	70Ah-V 12volts / 30Amps 12volts
Alternator	Mecce Alte LT3 110 4 Pole, 230v, 50Hz
Continuous Power / Standby Power	5 kW / 5.5 kW
Power Outlet Sockets	2 x 16 Amp, 230v
Mast – Maximum Height (Metres)	9010mm <sup>†</sup> , Zinc Plated
Number of Sections	9
Mast Rotation	360°
Mast Raise / Lower Time	12 / 18 secs.
Mast Actuation	Hydraulic - 185bar 12v Power Pack
Lamp Specification	4x 1000W 230v Metal Halide
Bundling	120% Engine Liquids & Fuel Tank
Tyres	185/70R 13
Dimensions Transport Mode (LxWxH)	2500 x 1320 x 2100mm
Dimensions Fully Deployed (LxWxH)	2690 x 2630 x 9010mm
Weight Fully Fuelled / Unfuelled	1050kg / 933kg
Noise Level @ 7 Metres	60dB[A] approx.
Sound Power Level LwA	85 dB[A]
Enclosure Protection	IP 23
Stabilisers	4
Road Lights and Reflectors	Standard
Electric PowerTilt Lamp Control	Optional Feature (12v)
Autorun	Optional Feature
115v Power Outlet Sockets	Optional Feature

<sup>†</sup> When fitted with PowerTilt™ option. Standard Height 8740mm

Your SMC distributor is:

SMC has a policy of continuous improvement and therefore reserve the right to change the specification without prior notice.

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