

TL90 STANDARD LED EFFICIENCY REDESIGNED

MORRIS
SITE MACHINERY



The Kubota Z482 1500rpm engine brings you the latest technology in the mobile lighting tower market, with low emissions, reliability and improved fuel efficiency providing up to 177 hours of uninterrupted operation.

Compact and easy to transport, whilst The 4 x 320W powerful LED lamp heads offer directional clear and crisp light, with a spread of up to 100 metres.

Fully bunded, central lifting eye, forklift pockets and accessible lashing down points for ease of loading at ground level. Zintec plated canopy to prevent rust and corrosion.



STANDARD SPECIFICATION

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| ENGINE TYPE | Kubota Z482 2cyl Water Cooled 3.6kW @ 1500rpm diesel with electronic governor |
| HYDRAULIC SYSTEM | Bio-degradable Oil |
| FUEL CONSUMPTION | 0.65 l/hr (Lamps only) |
| RUNNING TIME | 177 Hours |
| LAMP SPECIFICATION | 4 x 320W LED |
| AVERAGE SOUND PRESSURE LEVEL @ 7 METRES | 61.5dB(A) |
| ALTERNATOR | Mecc Alte LT3 4 Pole, 230V, 50Hz |
| CONTINUOUS POWER / STANDBY POWER | 2.5W / 2.8kW |
| POWER OUTLET SOCKETS | 1 x 230Volt 16Amp |
| MAST MAXIMUM HEIGHT | 8500mm* |
| MAST RAISE / LOWER TIME | 12 / 18 secs |
| WIND SPEED | Up to 100km/h |
| STABILISERS | 4 with 2 x rear heavy duty square wind down legs |
| BUNDING | Fully bunded all fluids |
| ROAD LIGHTS AND REFLECTORS | Standard |
| DIMENSIONS FOR TRANSPORT (LxWxH) | 2570mm x 1350mm x 2280mm |
| DIMENSIONS FULLY DEPLOYED (LxWxH) | 2870mm x 2639mm x 8500mm* |
| WEIGHT FULLY FUELLED / UNFUELLED | 956kg / 863kg |
| STANDARD SAFETY SYSTEM | Standard |
| QR CODES | Standard |
| VISUAL LEVEL GAUGES | Standard |

*When fitted with 9 section mast. Standard height 8010mm.

OPTIONS

[● Optional] [○ Optional but has a factory lead time]

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|---|---|
| Perkins 403D-07G Engine | ○ |
| 9 Section Mast | ○ |
| 1 x 110Volt Socket | ○ |
| Dual Voltage Sockets (1 x 230Volt 16Amp, 1 x 110Volt 16Amp) | ○ |
| Flush Mount Australian Sockets 2 x 10Amp | ○ |
| Dusk til' Dawn Start/Stop (not available with Powertilt) | ● |
| 5 x 240Watt LED Lamps | ○ |
| Manual Tilting Lightbar (not available with 5 x 240Watt LED Lamps) | ○ |
| Powertilt (not available with either Dusk til' Dawn or 5 x 240Watt LED Lamps) | ○ |
| Round Type Wind Down Legs Fitted On Front | ● |
| Heavy Duty Square Wind Down Legs Fitted on Front | ● |
| LED Road Lights | ○ |
| Petro Chemical Specification (Perkins engine only) | ○ |
| Level Sensor | ● |
| Audible Alarm | ● |
| Audible (Speaking) Alarm | ○ |
| Lockable Isolator | ○ |
| Locking Fuel Cap | ● |
| Padlockable Door Catches | ● |
| Protection Pads for Above | ● |
| 100mm Higher Drawbar | ○ |
| 160mm Wider Chassis | ○ |
| 14" Wheels | ○ |

Standard Safety System Includes

- Automatic mast descent
- Emergency stop button
- Auto shutdown

Features:



Super silent operation



TEN UNITS per truck



355° mast rotation



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