

TL90 ULTIMATE

REDEFINING A LEGEND

MORRIS
SITE MACHINERY



Introducing the **TL90 Ultimate**, the next generation lighting tower, reimagined to deliver the best performance on every level with a 50% increase in fuel capacity and run time, delivering additional hours of operation and greater cost savings.

The **Ultimate** features the latest engine technology with its **2 cylinder Kubota Z482 diesel engine**. Its four **320W LED** lights provide crisp, clear instant light with the LED driver units encased within the main body of the machine, safeguarding units from exposure to the elements and possible damage.

The **170 litre fuel tank enables 265 hours uninterrupted operation**, and is fitted with a **Deep Sea L401 control panel** coupled with the option of telemetry, to give operators advanced monitoring, more traceability and security.

Surprisingly light at just **1068kg** (fully fuelled), the Ultimate is ideal for towing and reversing into position. Designed with excellent ground clearance, the tower can be towed across rough terrain at sites and events without damaging the undercarriage or brake cables.



STANDARD SPECIFICATION

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	265 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	2.5kW / 2.8kW
POWER OUTLET SOCKETS	2 x 230Volt 16Amp
8 SECTION 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 banded all fluids
ROAD LIGHTS AND REFLECTORS	Standard
DIMENSIONS FOR TRANSPORT (LxWxH)	2570mm x 1350mm x 2280mm
DIMENSIONS FULLY DEPLOYED (LxWxH)	2940mm x 2480mm x 8500mm*
WEIGHT FULLY FUELLED / UNFUELLED	1068kg / 915kg
ADVANCED SAFETY SYSTEM	Standard
VISUAL LEVEL GAUGES	Standard
OPERATOR QR CODES	Standard
DEEP SEA L401 PANEL	Standard

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

OPTIONS

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

Perkins 403D-07G Engine	○
9 Section Mast	○
2 x 110Volt Sockets	○
5 x 240Watt LED Lamps	○
Dual Voltage Sockets (1 x 230Volt 16Amp, 1 x 110Volt 16Amp)	○
Mains Changeover (1 x 230Volt 16Amp Inlet, 1 x 230Volt 16Amp Socket)	○
Flush Mount Australian Sockets 2 x 10Amp	○
Dusk til' Dawn Start/Stop (not available with Powertilt)	●
Telemetry	●
Powertilt (not available with either Dusk 'til Dawn or 5 x 240Watt LED lamp options)	○
Manual Tilting Lightbar (not available with 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	○
Level Sensor	●
Audible (Speaking) Alarm	○
Lockable Isolator	●
Locking Fuel Cap	●
Padlockable Door Catches	●
Protection Pads for Above	●
14" Wheels	○

Advanced Standard Safety System Includes

- Automatic mast descent
- Mast deployment alarm
- Emergency stop button
- Auto shutdown

Features:



Super silent operation



TEN UNITS per truck



355° mast rotation



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