

# LTC9 | 4 x 1000W Metal Halide Lamps

TOTAL 360,000 LUMENS | MAST HEIGHT: 9000mm | YANMAR 3 CYLINDER ENGINE



RETRACTED POSITION

## ELECTRICAL PERFORMANCE

|                  |          |                    |
|------------------|----------|--------------------|
| Frequency        | Hz       | 50Hz / 60Hz 1Ph    |
| Voltage          | V        | 230                |
| Prime            | kVA (kW) | 6.4 (6.4)          |
| Circuit Breaker  |          | 3 Pole (inc Earth) |
| Power Factor     |          | 1.0 - Single Phase |
| Lamp Type        |          | Metal Halide       |
| Lamp Power       | W        | 1000               |
| Number of Lamps  |          | 4                  |
| Lamp Power       | Lumens   | 360,000            |
| Lamp IP Rating   |          | IP65               |
| Auxiliary Output |          | 2 x 16A CEE        |
| Auxiliary Input  |          | 32A CEE            |

## ALTERNATOR

|                   |         |
|-------------------|---------|
| Pole              | 4       |
| Insulation        | Class H |
| Enclosure         | IP23    |
| Voltage Regulator | AVR     |

## ENGINE

|                        |     |                    |
|------------------------|-----|--------------------|
| Rated Speed            | RPM | 1500               |
| Output Rating          | kW  | 7.5                |
| Manufacturer and Model |     | Yanmar 3TNV76-GGEH |
| Fuel                   |     | Diesel             |
| Injection              |     | Direct             |
| Aspiration             |     | Natural            |
| Cylinders              |     | 3                  |
| Cooling                |     | Water              |
| Air Filter             |     | Dry                |
| Engine Battery System  | V   | 12                 |
| Battery Capacity       | Ah  | 66                 |
| Starter Motor Power    | kW  | 1.1                |

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## FEATURES: ELECTRICS

|  |   |
|--|---|
| AVR Controlled Alternator                | ● |
| Main Circuit Breaker                     | ● |
| Individual Lamp Breakers                 | ● |
| 2 x CEE 16A Sockets                      | ● |
| 1 x CEE 32A Input Plug                   | ● |
| Preparation for Earth Spike              | ● |
| Digital Control Panel                    | ● |
| External Emergency Stop Button           | ● |
| External Battery Isolator                | Δ |
| Standard: ● Not Available: x Optional: Δ |   |

## FEATURES: TOWER

|  |   |
|--|---|
| Hand Brake Interlock to Tower Mast       | ● |
| 360 Degree Manual Rotation with Lock     | ● |
| Remote Operated Light Angle Adjuster     | Δ |
| Level Indicator Gauge                    | ● |
| Timer Control of Lights                  | Δ |
| Solar Cell Control of Lights             | Δ |
| Standard: ● Not Available: x Optional: Δ |   |

## FEATURES: TRAILER

|  |     |
|--|-----|
| 16R13 Tyres                              | N/A |
| 16R14 Tyres                              | N/A |
| 4 Stabilisers                            | N/A |
| Heavy Duty Stabilisers                   | N/A |
| Heavy Duty Jockey Wheel                  | N/A |
| Fork Pockets and Lifting Eye             | N/A |
| Integrated Trailer Lights                | N/A |
| Ball Type Tow Hitch                      | N/A |
| Eye Type Tow Hitch                       | N/A |
| Swan Neck Tow Bar                        | N/A |
| Standard: ● Not Available: x Optional: Δ |     |

## FEATURES: ENGINE

|  |   |
|--|---|
| Cooling Pack                             | ● |
| Mechanical Governor                      | ● |
| High Coolant Shut Down                   | ● |
| Low Oil Pressure Shut Down               | ● |
| Radiator and Hot Component Guards        | ● |
| Remote Oil Drain Pump                    | ● |
| Standard: ● Not Available: x Optional: Δ |   |

## FUEL SYSTEM

|                                  |     |      |
|----------------------------------|-----|------|
| Fuel Tank Capacity               | L   | 200  |
| Fuel Consumption (100% Load)     | L/h | 2.62 |
| Fuel Consumption Lights Only     | L/h | 1.9  |
| Running Time Full Tank Lights On | h   | 105  |

## WEIGHT AND DIMENSIONS

|                                |                       |             |
|--------------------------------|-----------------------|-------------|
| Length (Deployed/Transport)    | mm                    | 2648 / 1648 |
| Width (Deployed/Transport)     | mm                    | 2617 / 1306 |
| Height (Deployed/Transport)    | mm                    | 9000 / 2116 |
| Weight Without Fuel            | kg                    | 890         |
| Sound Power (LwA)              | dB(A)                 | 87          |
| Noise Level @ 7m               | dB(A)                 | 62          |
| Mast Raise to Full Height      | s                     | 13          |
| Mast Lower to Travel           | s                     | 25          |
| Maximum Operational Wind Speed | Km/h                  | 80          |
| Bund Capacity                  | 120% of engine fluids |             |

## REFERENCE STANDARDS

JCB Lighting Towers are CE certified and conform to the following Directives (subject to a country requiring such standard):

- EN 12100, EN13857, EN60204
- 2006/42/CE Machinery safety
- 2006/95/EC Low voltage
- 2004/108/CE Electromagnetic compatibility
- 2000/14/EC Sound Power Level (amended by 2005/88/EC)
- 97/68/EC Emissions(amended by 2002/88/EC & 2004/26/EC)
- Power according to ISO 8528 and ISO 3046
- Ambient reference conditions 1000mbar, 25°C, 30% relative humidity ISO3046
- Trailer Standard 2007/46/EC

Information based on standard specification equipment unless otherwise stated.