

Olikara Light Tower



OPERATING INSTRUCTIONS

Read Operating Manual before operating machine.

CHECK

1. Check engine oil level.
2. Check engine coolant level.
3. Check fuel level using fuel gauge.
4. Ensure all outriggers are extended and lowered.
5. Ensure machine is level.
6. No obstructions above mast.
7. E-Stop is deactivated.

START

1. Switch on battery isolator if present.
2. Turn on all MCBs on panel **except** lamp MCBs.
3. Press "Start" green button on controller and wait for voltage to stabilize.
4. Raise tower to desired height.
5. Switch on desired lamp MCBs.

STOP

1. Switch off the lamp MCBs.
2. Lower tower (if required).
3. Press "Stop" red button on controller and wait for engine to shut down.
4. Switch off all active MCBs.
5. Press E-Stop to activate the E-stop.
6. Switch off the battery isolator (if required).

OLTS103000A

LIGHT TOWER OPERATOR PANEL LOCATED INSIDE

Yanmar

PRIOR TO STARTING

1. OPERATION INSTRUCTIONS
1. Perform daily prestart checks as per logbook.
2. Position light tower and apply hand brake.
3. Ensure equipment is clear of overhead obstructions such as powerlines or trees.
4. Check the wheels.
5. Deploy all stabiliser legs and level machine using bubble level above control panel.



STARTING (MANUAL OPERATION)

1. Turn red isolator to 'On' position.
2. Press 'Start' button and wait for machine to start.
3. Adjust light heads to desired angle ensuring not to over-rotate causing wire to pinch on light bar.
4. Turn main breaker/RCD to on position, turn on lights as required with switches next to the main breaker/RCD.
5. Rotate the mast by unlocking rotation at the front of machine, pull locking pin and turn to required angle, relock lever on front of machine.
6. Raise mast with the '↑' button.
7. Adjust tilt using the toggle switch below mast controls.

STOPPING

1. Return tilt to home position.
2. Lower the mast by pressing the '↓' button.
3. Unlock the mast rotation and turn anti-clockwise, pull locking pin and then relock lever on the front of the machine.
4. Turn off lights and main breaker/RCD
5. Press the 'Stop' button twice to shut machine down.
6. Turn off red isolator

TROUBLESHOOTING

1. Mast fails to raise if the handbrake is not applied.
2. If the machine is turning off and back on check that the auto button has not been pressed accidentally

WARNING:

Do not use in confined spaces or where there is a risk of carbon monoxide build up.

Do not move with mast raised, only operate when stabilisers are fully deployed.

Before moving, lower mast, align transport arrows on mast with mast base frame, engage slew locking pin, raise and retract all stabilisers.

Emergency stop should only be used in emergencies and not as a way to shut the machine down.

POWERLINK

OPERATION INSTRUCTIONS

1. Perform daily prestart checks.
2. Position light tower and apply hand brake.
3. Ensure equipment is clear of overhead obstructions such as powerlines or trees.
4. Chock the wheels.

STARTING (MANUAL OPERATION)

1. Turn battery isolator to ON position.
2. Turn the MCB to the ON position.
3. Deploy / extend levelling stabilisers fully.
4. Level machine by adjusting stabilisers, using level indicator on top of cabinet.
1. 3. Reset emergency stop button, then press controller red stop button to clear any warning messages.
5. Press manual mode button for manual operation.
6. Press the green start button, the engine will go into a pre heat mode and then start after 10 secs.

Note: If engine fails to start, repeat steps 3, 4 & 5.

7. Deploy mast as required using mast up/down switch, lamp tilting switch and manual mast rotation handles, ensure mast slew lock pin is engaged.
8. Light ON/OFF button can be pressed 1,2,3 or 4 times to fully illuminate all light heads.

STOPPING

1. Light ON/OFF button can be pressed 1,2,3 or 4 times to turn off lights.
2. Lower light mast, align transport arrows and engage mast locking pin.
3. Press stop button.
4. Turn the MCB to the off position.
5. Turn the battery isolator to OFF position.

AUTOMATIC OPERATION

1. Position, deploy and direct light heads as per starting manual operation.
2. Press auto mode button, the unit will start and stop as per the pre-set times. (Refer time setting of automatic timers in detailed technical manual)
3. At completion of job, return to manual mode and follow stopping procedure.

SLEEP MODE (Blank Screen)

1. The controller automatically enters sleep mode after 3 minutes of no operation.
2. To exit sleep mode, press and hold manual button for 10 seconds.

NOTES/TROUBLE SHOOTING

1. Mast fails to deploy if handbrake is not applied, releasing hand brake will lower mast automatically.
2. The unit should be operated on level ground.
3. Check oil and coolant daily...always use clean diesel fuel.
4. Blank Controller Screen could indicate battery isolator is switched OFF.

WARNING:

Do not use in confined spaces or where there is a risk of carbon monoxide build up.

Do not move with mast raised, only operate when stabilisers are fully deployed.

Before moving, lower mast, align transport arrows on mast with mast base frame, engage slew locking pin, raise and retract all stabilisers.

Emergency stop should only be used in emergencies and not as a way to shut the machine down.



LITEMAN WHITE 6HEAD LIGHT TOWER



OPERATING PROCEDURE

DO NOT OPERATE THIS TOWER WITHOUT HAVING READ THE OPERATORS MANUAL ENSURE DAILY CHECKS HAVE BEEN COMPLETED BEFORE OPERATING MACHINE.

1. Before operating perform visual check of machine
2. Position tower on level ground with no overhead obstructions (eg POWERLINES)
3. Apply park/hand brake and chock wheels
4. Fully extend stabilizer legs and unwind, ensure the machine is stable and level
5. Undo and remove 2 x transport straps from light bar
6. Pull & turn mast cradle locking pin.
7. Turn key or black switch to 'ON', push green button to start engine.
8. Switch main breaker/RCD to 'ON'
9. Press 'Stand Up' button to raise mast into a vertical position
10. Ensure mast safety pin has engaged at the base of the mast before scoping up
11. Press 'Scope Up' button until the desired height is reached.
12. Turn light switches 'ON'
13. Tilt light bar with push buttons and turn mast via mast swivel bar to achieve correct light projection

SHUT DOWN/PACK UP

1. 14. Turn all light switches off and main breaker/RCD
2. 15. Press 'Scope Down' button
3. 16. Tilt light bar fully down & turn mast back to original position
4. 17. Once mast has come down and is in original position pull mast safety pin and press 'FOLD DOWN' button
- ensure mast locks into cradle
5. 18. Turn engine 'OFF' - Turn key to the left
6. 19. INSTALL 2 x LIGHT BAR TRANSPORT STRAPS & PULL TIGHT
7. 20. Pack up all stabilizer legs & ensure pins lock legs in place
8. 21. Turn off isolator switches

WARNING:

Do not use in confined spaces or where there is a risk of carbon monoxide build up.

Do not move with mast raised, only operate when stabilisers are fully deployed.

Before moving, lower mast, align transport arrows on mast with mast base frame, engage slew locking pin, raise and retract all stabilisers.

Emergency stop should only be used in emergencies and not as a way to shut the machine down.

BLUE

OPERATING PROCEDURE

DO NOT OPERATE THIS TOWER WITHOUT HAVING READ THE OPERATORS MANUAL ENSURE DAILY CHECKS HAVE BEEN COMPLETED BEFORE OPERATING MACHINE.



1. Before operating perform visual check of machine
2. Position tower on level ground with no overhead obstructions (eg POWERLINES)
3. Apply park/hand brake and chock wheels
4. Fully extend stabilizer legs and unwind, ensure the machine is stable and level. Undo and remove 2 x transport straps from light bar
5. Pull & turn mast cradle locking pin.
6. Turn key 'ON' wait 5 seconds, now turn key to start until engine starts then release key.
7. Switch main breaker/RCD to 'ON'
8. Move hydraulic lever handle on Right (Mast Raise) to the 'UP' position
9. Press green Hydraulic Power button & hold until mast is raised and safety pin has engaged
10. Move hydraulic lever handle on Left (Extend Mast) to the 'UP' position & press the green hydraulic power button until the desired height is reached.
11. Turn light switches 'ON'
12. Tilt light bar with toggle switch and turn mast via mast swivel bar to achieve correct light projection

SHUT DOWN/PACK UP

1. Turn all light switches off (leave main RCD 'ON')
2. Tilt light bar fully down & turn mast back to original position
3. Move Hydraulic lever 'Extend Mast' to down position (note gravity fed no need to press green Hydraulic button)
4. Once mast has come down move 'Mast Raise' lever to 'Down' position & press green Hydraulic Power button until mast folds down - ensure mast locks into cradle
5. Turn engine 'OFF' - Turn key to the left & hold until engine stops.
6. INSTALL 2 x LIGHT BAR TRANSPORT STRAPS & PULL TIGHT
7. Pack up all stabilizer legs & ensure pins lock legs in place

WARNING:

Do not use in confined spaces or where there is a risk of carbon monoxide build up.

Do not move with mast raised, only operate when stabilisers are fully deployed.

Before moving, lower mast, align transport arrows on mast with mast base frame, engage slew locking pin, raise and retract all stabilisers.

Emergency stop should only be used in emergencies and not as a way to shut the machine down.