



All directional automatic lifting work light User Manual



Applicable scope

1. Suitable for outdoor mobile lighting in industries such as electricity, railways, fire protection, and municipal administration.
2. Suitable for various outdoor construction operations, maintenance and repair, accident handling, disaster relief and other mobile lighting and emergency lighting.

Performance characteristics

【 Lighting Performance 】 The lamp panel is composed of four 200W high-efficiency energy-saving LED lights. Each lamp head is individually adjusted at the upper, lower, left, and right angles according to on-site needs, and rotated to achieve 360 ° all-round lighting; Alternatively, the lamp caps can be evenly distributed on the lamp panel to illuminate in four different directions. If four lamp caps are required to illuminate in the same direction, the lamp panel can be flipped within 250 ° towards the opening direction according to the required lighting angle and orientation, and rotated 360 ° left and right with the cylinder as the axis; The overall lighting takes into account both distance and distance, with high brightness and wide range, and long lifespan of LED bulbs.

【 Lifting performance 】 Through wireless remote control, the opening and closing of each two lights can be controlled within a range of 50 meters. The perfect combination of remote control and manual control makes operation more convenient. Select 4 telescopic cylinders as the lifting adjustment method, with a maximum height of 6 meters and a light coverage radius of 35-150 meters.

Working hours: When using a generator set for power supply, it can work continuously for more than 80 hours by filling up with fuel at once, and using 127V mains power can provide long-term lighting.

【 Easy to operate 】 The lamp panel, air bar, and generator set are in a separate structure, making them easy to use. The bottom of the generator set is equipped with universal wheels (with brake pads) and directional wheels, which can run on the road and rail in pits. The overall product is made of high-quality imported metal materials, with a compact structure and stable performance, which can ensure normal operation in various harsh environments and climatic conditions. The anti rain, water spray, and wind resistance rating is 8.

In order to meet the personalized needs of customers, the standard configuration of this product cannot meet their work needs. We can adjust the number of lamp caps, power, floodlight or spotlight, the lifting height of telescopic air rods, and the equipment of the generator according to your requirements.

technical parameter

Serial number	Parameter Name			unit	numerical value
1	working voltage			V	127
2	Maximum lifting height of the entire machine			M	6.7
3	light source	Lamp panel	power	W	4*200W
		Average service life		h	≥100000
		control mode		Manual/remote control	
		Luminous flux		Lm	4×24000
4	alternator	Fuel tank capacity		LI	100
		Starting method		Electric start	
		Fuel type		diesel oil	
		Rated voltage		V	127
		power		M	6000
		Working time for one-time oil injection		h	≥80
		Connected to mains power		Long term	
5	Lamp protection level			IP65	
6	Remote control range			M	35-50
7	Telescopic cylinder	Minimum height		mm	2300
		Lifting height		mm	6700
		Lifting method		Pneumatic	
8	Overall dimensions	1200 * 680 * 1170mm (length * width * height)			
9	Wind resistance level	level	8		
10	weight	The complete configuration is about 300kg			

Lighthouse Quality Assurance

This product strictly follows the ISO9001:2008 international quality management system standard for quality control, ensuring that the product quality is higher than the national standard and fully meets the design requirements. The product is guaranteed for 1 year, and within 1 year from the date of purchase, any faults that occur during normal use of the product will be maintained by our company (excluding human activities). After 1 year, only material cost fees will be charged.

Operation method:

Prepare the generator according to its instructions, adding fuel and oil.

1. Erect the lifting rod, tighten the fixing screws of the lifting rod, install the lamp panel, and tighten the fixing screws of the lamp panel.
2. Lock the aviation plug, insert the power inlet into the generator power socket, and turn the main switch of the control box to the middle position.
3. Open the start lock of the generator control panel to the "open" position for 10-15 seconds (allowing the electric fuel pump to charge and supply oil to the generator), then start the generator (the first time starting the generator may require air exhaust), and run the generator without load for one minute. When the main switch of the lighthouse control box is turned to the "manual" position, all toggle switches on the control box are manually controlled. When the main switch of the control box is turned to "automatic", it is controlled by the remote control. Press and hold (long press) the "A" button to raise the air rod, and release it to stop raising the air rod; Press and hold the "B" button to lower the air lever, and release it to stop the descent; Press the "C" key to turn on the first group of lights, and then press it again to turn off this group of lights; Press the "D" key to turn on the second group of lights, and then press again to turn off this group of lights.

Precautions:

1. When using "manual" control, after the air lever is fully retracted, please turn the "air lever lowering" switch to the middle position ("off"), To prevent the control valve from heating up during prolonged operation and affecting its service life.
2. Please check the fastening bolts before each use.
3. Please strictly follow the generator user manual to use the generator, regularly check the oil and maintain it.

Troubleshooting:

1	The generator does not work after oil injection Start.	please check if the oil circuit switch is turned on
2	lights do not light up	Disconnect the power, turn on the lamp, and check if the lamp tube is detached or damaged.
3	The air lever does not rise	Check if the air compressor switch is turned on; Is the trachea compressed or bent.

If the above malfunction cannot be resolved, please contact your local distributor or our after-sales service department.