
Smart movable lighthouse

Model: SZG8210

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1. Product picture



1. Product picture



2. Product characteristics

excellent lighting, mobile night elves



2. Product characteristics



Mobile night Elf, Quick Response:

- Designed for pick-up truck automatic loading and unloading. No need to use any auxiliary loading and unloading tools for flexible and rapid response to demand.
- Weight is less than 600 Kg which is the lightest in the same type of lighthouse.
- Solving difficult to load and unload, difficult to transfer, difficult on the road and other problems for the traditional mobile lighthouse .

2. Product characteristics



Excellent lighting, no dead angle:

- 2000W International famous brand light source of led lamps, equivalent to 4000W of high efficiency metal halide lighting effect, lighting range up to 200 meters long, 100 meters wide.
- Use Meanwell led driver, strong anti-interference ability, long life, to meet the long-term power supply needs of generators.
- The lamp can adjust the angle in the horizontal direction 358° , the vertical direction 135° range, quickly responds to the different angle lighting demand.

2. Product characteristics



Cylinder mast, solid and reliable:

- Adopt class 5 heavy load cylinder, maximum rise height 7 meters, maximum load up to 100 Kg, resist class 8 strong wind, safe and reliable.
- The cylinder rises and falls fast.

2. Product characteristics



5000W Honda GX390 engine, stable and reliable:

- 5000W generator not only can meet the lighting needs, but also can meet the needs of field operation tools.
- Special 50L large capacity tank, super endurance, continuous lighting for 31 hours.

3. Target customers

□ Target customers

Products are mainly suitable for electric power, railways, troops, fire fighting, mining, metallurgy and other industries large-scale construction operations, rescue, patrol drills and other large-area lighting .

□ Customer core needs

Wide lighting range+long time of continuous work+easy moving+safety

4. Typical applications

Disaster relief and rescue



4. Typical applications

Disaster relief and rescue



4. Typical applications

Disaster relief and people scattered



4. Typical applications

Large area repair operations



4. Typical applications

High altitude repair operations



4. Typical applications

Large construction operations



4. Typical applications

Large construction operations



4. Typical applications

Major outdoor arts and arts events



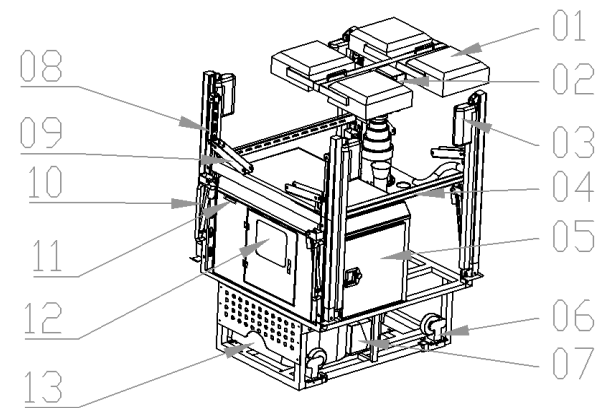
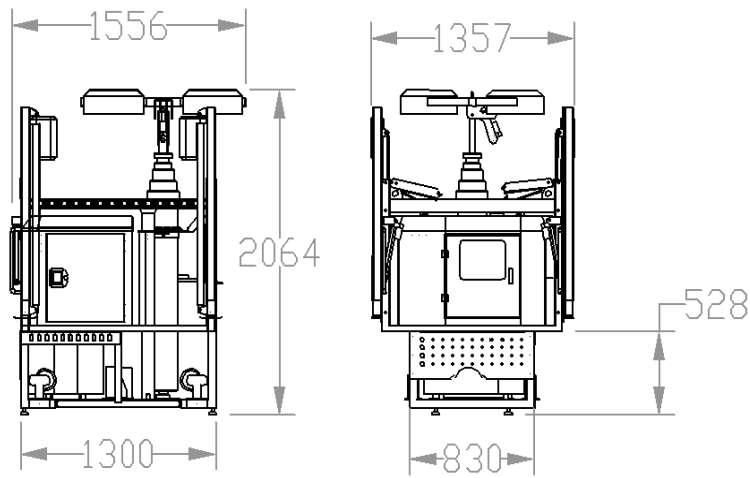
5. Main technical parameters

Technical parameters:

No	Items	Specification	Remark
1	Generator unit	220V 50Hz 5KW	Honda GX390 gasoline engine generator
2	Maximum height from the ground after the leg raised	1 m	/
3	The inner side of the leg	2.1 m	/
4	Car body chassis dimensions	L*W=1.3*0.83 m	/
5	Maximum height of lamps raised	7.1 m	5 stage cylinder for mast
6	LED floodlight	4*500W	Input voltage: 90-305 Vac Led driver: Meanwell ELG series Beam angle: 60° IP protection: IP65
7	Maximum fuel intake	50L	2 KW lamps can work 31 hours with full oil
8	Illumination value @20m at night	480 lux	Lift the mast 7m, tilt the lamp 10°
9	Illumination value @50m at night	115 lux	Lift the mast 7m, tilt the lamp 10°
10	Weight of lighthouse	600 Kg	Air oil
11	Outer dimensions of lighthouse	L*W*H=1.35*1.55*2.05 m	/

5. Main technical parameters

Outsize and composition:



- | | |
|---------------------------|-----------------------------|
| 1. 500W LED floodlight | 2. lamp turning cylinder |
| 3. legs electric cylinder | 4. guardrail light |
| 5. right sector | 6. 6 inch casters |
| 7. lead acid battery*2 | 8. leg connection upper arm |
| 9. swing arm fixing plate | 10. leg expansion cylinder |
| 11. strobe lamp | 12. control panel |
| 13. engine fuel port | |

6. Competition comparison

our product



The electronic control box adds the common function key and makes the wired control function be complete as the wireless control backup. The control system is more reliable.

peer product

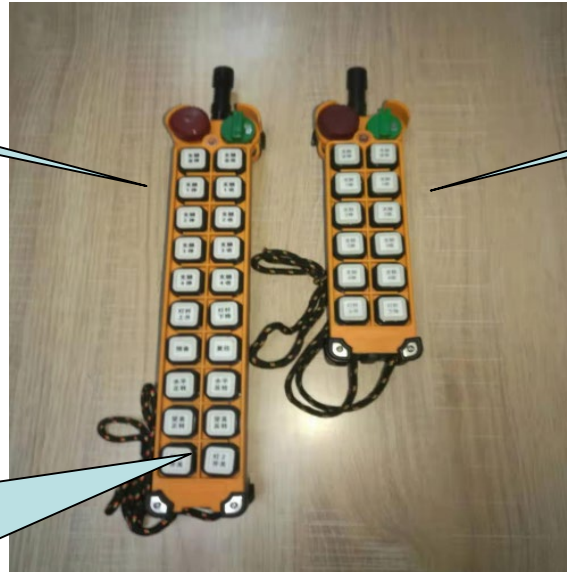


less control functions

6. Competition comparison

our product

peer product



add wireless remote control keys and add more remote control functions for more safety and convenience

7. Values of product to customers

- Lighthouse through the hydraulic leg automatic lifting, easy loading and unloading on the pickup to achieve rapid transfer, save effort. Solve traditional mobile lighthouse transfer difficulties, time-consuming and laborious problems, and there are hidden dangers of violating traffic rules, such as highways.
- Lamp power is 2000W to meet the lighting needs of large-area operations.
- The lamp plate can automatically rotate $0\sim 358^\circ$ horizontally and $0\sim 135^\circ$ vertically. It can adjust the lighting angle at any time and quickly meet the operational needs.
- Lighthouse can be powered by electricity or generator to meet the needs of long-term continuous work.

8. Notices

- Improper operation will cause product damage or serious casualties. To avoid casualties or damage to the product, be sure to read and understand the product instructions and warnings before operating the equipment.
- Ensure that the operator has received the necessary training and has read and understood the instructions.
- Products do not use for a long time, every six months according to the requirements of the instructions for maintenance at least once.