

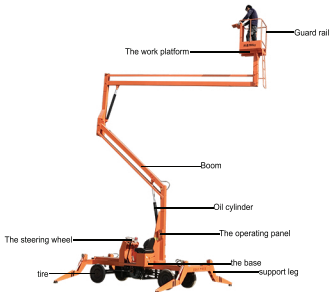
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OPERATING INSTRUCTION FOR LIFTING PLATFORM

SIMPLICITY OF OPERATOR
WIDE APPLICATION
BRAND SUPPORT

Operating instructions for lifting platform



Summary

Crank arm hydraulic lift platform is widely used in municipal, power, street lamp, advertising, communications, photography, gardens, port, wharf, airport transportation, installation and maintenance of large industrial land mining enterprises and other industries and ascent.

It is powered by battery running, diesel engine running, manual traction 380V or 220V external power supply, self-lifting and self-walking, and can rotate 360 degrees.

The company's products have passed strict quality inspection before they leave the factory, and all the economic and technical indicators have reached the advanced level.

Usage method

1. Before using the lift, check each oil level is full or not, and the diesel engine should be filled with water. (in winter, the water needs to be discharged at night). The battery power confirms that the battery is full of electricity. There will be a shortage of battery electricity in winter.

2. Operators are required to wear safety hats and seat belts.

3. According to normal driving standards. 4. When the equipment takes off and falls, it must work on the horizontal ground.

5. First, before the lifting operation, turn on the main switch of diesel engine/ battery power. secondly, open the support legs. Specific step operation: can be controlled by the operating rod, the operating rod upward leg open, on the contrary, the lower leg put away. It can also control the level of each leg separately, so that it can reach the level of the whole machine. (battery power needs to press the leg switch)

6. Let the lift rise, push the upper arm button up, and then push the lower arm button. Let the lift down, push the lower arm button first and then push the upper arm button down.

7. Screws in the control valve can adjust the falling speed, tighten: the speed becomes faster; Unscrew, slow down

8. When rotating, first of all, the folding arm should be raised to 90° behind the possible rotation, and the rotation button should be pushed when rotating, so that the equipment can work left and right. When you drop, you should pay attention to rotating the folding arm to a horizontal position before you can drop the position, and it is strictly forbidden to stand under the folded arm when lifting working.

9. When the power supply fails, you can press the valve core of the battery valve to make it drop.

10. The hydraulic oil should be replaced every 3 months, the butter should be beaten once a month, and the butter at the oil pump should be beaten once a month, check the wiring regularly.

11. If the battery is not used for a long time and needs to be charged once a week to ensure that the battery is fully charged.

Common hydraulic system failures and troubleshooting methods

Failure phenomenon	Reason	Elimination method
Oil leaking oil cylinder	Oil cylinder seals are worn and sealed	Replacement of parts and seals
Oil cylinder descending	Electromagnetic valve has foreign body and bad sealing	Dismantle and wash solenoid valve and replace components
Pressure drop	The oil Suction port is blocked, the oil inlet of the oil pump is loose, and the air leakage is leaking	Clean the oil suction port and tighten the oil inlet seal
Decline failure	Solenoid valve failure	Replace solenoid valve

Matters needing attention

- (1) Operation load must not exceed the maximum carrying capacity.
- (2) The pressure of the hydraulic system should not exceed 5m pa.
- (3) When outdoor operations, the maximum wind force should not be greater than 6.14} no severe vibration is allowed in the platform when climbing.
- (5) **When operating under allowable wind, it is strictly forbidden to produce sudden horizontal force artificially.** Generally speaking, it should not exceed 15 kg.
- (6) When climbing, the whole machine must not move horizontally.
- (7) The outrigger is not opened and is strictly prohibited.
- (8) When driving, be careful driving, flexible direction and brake.

Maintenance and repair

- (1) After completing the operation, the platform should be restored to the stop state of the transportation and cut off the power supply.
- (2) Should be parked indoors to prevent rain erosion.
- (3) The pins of the outrigger, the screw and the arms should be constantly refueling to keep lubrication.
- (4) The new platform should be replaced once every 2 months after its first operation, and the oil filling appliances should be cleaned and the oil pump suction net cleaned regularly. (hydraulic oil summer 10# winter 30#).
- (5) In case of oil leakage, the sealing ring should be replaced in time.
- (6) When replacing the hydraulic components, the components should be cleaned and the ports of the components which can not be assembled temporarily should be blocked to prevent collision and debris from entering the oil system.
- (7) When washing the hydraulic components, it is strictly prohibited to use the fabric that is easy to fall off from cotton and other fibers.

Common hydraulic system failures and troubleshooting methods

Matters needing attention in diesel engine maintenance

1. Check diesel engine oil regularly for 3 months.
2. every butter mouth has 30- 50 times and one butter each time.
3. clutch separation regularly adding oil.
4. 5 times before and after use, without any load.
5. 6 months to replace hydraulic oil, 32 anti- wear.
6. 0 degrees below the diesel engine discharge, heating water before use.

Cautions for use of battery cars and appliances

1. the battery should not lose electricity, use it in time for charging, even if it does not need to be timely charging.
2. pay attention to the input voltage and battery loss situation when charging, and choose a slow charge reasonably.
3. Charge notice:
 - (1) **The voltage at the lower end of the same charging current remains unchanged for 2-3hours.**
 - (2) The steady voltage of the electric hydraulic constant does not change for 2-3hours.
 There are a lot of fine bubbles in the battery. All three have reached the mark that the battery is fully charged (as long as the general attention to Article 3 is enough, because the other two conditions are too many, too complex).
4. battery water should be kept in a prescribed position.
5. Special water should be added to the battery and water.
6. **motor can not work overload, motor chain should not be too tight.**
7. when used, voltage (battery voltage is too low for battery, motor, electric appliances and so on.
8. when the battery car starts, throttle must be added.
9. in order to ensure the safety of vehicles, the battery cars should be cut off when they stop working.
10. regularly check motor carbon brush.