

## **4-10m vertical aluminum alloy single mast lift for sale**

### **What is vertical aluminum alloy mast lift?**

The vertical aluminum alloy mast lift is made of high-strength and high-quality aluminum alloy materials. It has the advantages of beautiful appearance, small size, light weight, stable lifting, safety and reliability. With a lifting height of 4-22 meters, it is widely used in factories, hotels, restaurants, stations, airport theaters, exhibition halls and other places. It is the best safe companion for maintenance of machinery, painting, decoration, replacement of lamps, and cleaning and maintenance of electrical appliances.

Single mast lifts are versatile and efficient pieces of equipment used in various industries for accessing heights of 4-10 meters. These lifts are compact, easy to maneuver, and provide a safe working platform for workers to perform tasks at elevated heights. In this essay, we will explore the features, applications, benefits, and safety precautions associated with 4-10m single mast lifts.

Vertical aluminum alloy mast lifts can be divided into single, double, triple, four and tilting types according to the number of masts. This article will focus on the single mast lift that sell the most.

Single-mast aluminum alloy lifting platform: The working platform is supported by a single mast and is the earliest aluminum alloy lift. The whole machine is light in weight and flexible in movement, suitable for single-person operation. After being condensed, it can enter general standard doorways and elevators in buildings.

The lifting height ranges from 4m to 10m. The load capacity is 100KG.

If you are looking for a higher quality single mast lift, we also have an upgraded model, with a load capacity of up to 150KG while keeping the lifting height and other conditions unchanged.

### **How does Vertical aluminum alloy mast lift work?**

The working principle of the aluminum alloy lift is to drive the hydraulic pump through the electric motor to generate high-pressure oil, and then transfer the oil to the lifting platform through the hydraulic cylinder, thereby producing lifting motion.

The specific working principle is as follows: 1. Start the motor, and the motor drives the hydraulic pump to operate normally. 2. The hydraulic pump draws the hydraulic oil from the tank and delivers it to the hydraulic cylinder through the oil inlet pipe.

In addition, our current mast lifts are all equipped with remote controls. In addition to the button lifting of the machine, they can also be raised and lowered remotely.

### **What is the usage of single mast lift?**

Single mast lifts are commonly used in warehouses, factories, retail stores, and other industrial settings for tasks such as maintenance, repairs, and stock picking. They are also used in construction sites for installing fixtures, painting, and other finishing work. In the entertainment industry, single mast lifts are used for lighting and rigging purposes. These lifts are versatile and can be used in a wide range of applications where access to elevated heights is required.

### **What are the features of single mast lift?**

Single mast lifts are designed with a single vertical mast that supports the platform and allows for vertical movement. They are equipped with controls that enable operators to raise and lower the platform to the desired height. These lifts are typically powered by electric or hydraulic systems, making them quiet and environmentally friendly. The compact size of single mast lifts allows them to be used in tight spaces and narrow aisles, making them ideal for indoor applications.

Single mast lifts offer several benefits to users, including increased efficiency, improved safety, and cost savings. These lifts allow workers to access heights of 4-10 meters quickly and easily, reducing the time and effort required to complete tasks. The safe working platform provided by single mast lifts helps prevent accidents and injuries, ensuring a productive and secure work environment. Additionally, the compact size of these lifts allows them to be used in confined spaces, saving valuable floor space and reducing the need for larger, more expensive equipment.

### Safety Precautions of single mast lift

While single mast lifts are designed to provide a safe working platform, it is essential for operators to follow safety precautions to prevent accidents and injuries. Operators should receive proper training on the operation of the lift and be familiar with the controls and safety features. Before using the lift, operators should inspect it for any damage or defects and ensure that it is in good working condition. It is crucial to follow the manufacturer's guidelines for load capacity and never exceed the maximum weight limit of the lift. Operators should also wear appropriate personal protective equipment, such as harnesses and helmets, when working at elevated heights.

### Specifications of single mast lift

Product Name	Model	Platform Height	Working Height-	Load Capacity	Platform Size(mm)	Power	Control System
Single mast lift	THWY4-100	4	6	100	600*600	AC/DC	Upper control, lower control, remote control
	THWY6-100	6	8	100	600*600		
	THWY8-100	8	10	100	600*600		
	THWY9-100	9	12	100	600*600		
	THWY10-100	10	14	100	600*600		

### What are the optional configurations?

1. DC battery: The standard equipment is AC power (needs to be connected to the power supply). This configuration replaces the original standard power with DC power (battery power). The battery is 24V. The charging time is about 10 hours. Normally. The usage time is 6-9 hours.

2. AC and DC dual-purpose: upgrade the power to a hybrid power of AC and DC.
3. Hand pump: If the equipment is used in flour mills or some places where fires and explosions are extremely likely to occur, a hand pump can be added for manual lifting. To prevent electronic sparks and explosion.
4. Assisted walking: For some equipment with heavy weight, this configuration can be added. It is convenient for walking. After adding this configuration, the power is directly replaced by battery power. You can also choose AC and DC assisted walking.
5. Replace tires: The standard tires are anti-wear polyester wheels, and you can choose to replace them with solid tires or pneumatic tires.
6. The distribution box can be replaced with a high-end distribution box.
7. Explosion-proof device: motor, distribution box, limit switch, upper control button, but only 380 power supply is available.

### **How should we choose products that are more suitable for us?**

Each customer has different needs for products. How to choose the equipment that suits them first depends on where the equipment is used. What are the requirements for height, load capacity, table size, etc.? Choose a more suitable machine based on different requirements.

In conclusion, a Single mast lift is cheap, compact, and light. 4-10m single mast lifts are valuable pieces of equipment that offer efficiency, safety, and versatility in various industries. These lifts provide a secure working platform for workers to access heights of 4-10 meters, making them ideal for a wide range of applications. By following safety precautions and proper operating procedures, operators can maximize the benefits of single mast lifts and ensure a safe and productive work environment.