

## Capsule lift for 2 person price:



The capsule elevators belongs to the hydraulic elevator.

A hydraulic elevator is an elevator that uses a hydraulic power source to pressurize oil into the cylinder to make the plunger move linearly, and directly or indirectly through a wire rope to move the car. It is a high-tech product that integrates machinery, electricity, electronics, and hydraulics. It consists of multiple relatively independent but interconnected systems, including a pump station system, a hydraulic system, a guide system, a car, a door system, an electrical control system, a safety protection system, etc. The following is a detailed introduction to hydraulic elevators:

### 1. Working principle

Upward: The hydraulic pump station provides the power pressure

difference required for the elevator to move upward, and the hydraulic oil pushes the plunger in the hydraulic cylinder to achieve the upward movement of the elevator.

Downward: Open the valve group and use the pressure difference caused by the weight of the car (the weight of passengers/cargo) to return the hydraulic oil to the hydraulic oil tank to achieve the downward movement of the elevator (the speed is controlled by the valve group).

## 2. Features

The requirements for civil engineering structure are not high:

There is no need to set up a high-cost machine room above the shaft.

The machine room is flexible and can be set up within a certain range from the shaft, and the machine room occupies a small area.

The utilization rate of the shaft is high, and no counterweight device is set, which improves the utilization rate of the shaft area.

The strength requirements of the shaft structure are low, and the requirements for the building performance of the top of the shaft are low.

Smooth operation and comfortable ride:

The hydraulic system transmits power evenly and smoothly, and can achieve stepless speed regulation. The elevator running speed curve changes gently, so the riding comfort is better than the speed-regulating elevator.

Good safety and high reliability:

The hydraulic elevator is not only equipped with the safety devices commonly available in traction elevators, but also has safety protection devices such as overflow valves, emergency manual valves, manual pumps, and pipeline rupture valves to ensure that the elevator works safely and normally and prevent accidents.

Large load capacity:

The power-to-weight ratio of the hydraulic system is large, so for elevators of the same specifications, the hydraulic elevator can carry a larger weight.

Low noise:

The hydraulic system can use a low-noise screw pump, and the pump and motor can be designed as a submersible structure to form a pump station as a whole, which can greatly reduce the impact of noise.

Simple maintenance:

The structure of the hydraulic elevator is relatively simple, and maintenance is relatively convenient. Regular inspection of the hydraulic system and replacement of hydraulic oil can maintain the normal operation of the elevator, and the maintenance cost is relatively low.

**About the capsule lift for 2 person price**

There are significant differences in price between different brands and models of hydraulic elevators. Well-known brands and high-end models are usually more expensive, but the quality and after-sales service are also more guaranteed.

Configuration and function: The configuration and function of the elevator will also affect its price. For example, the price of elevators equipped with security systems, automatic doors, remote monitoring and other functions will be relatively high.

Installation conditions: The price of elevator projects with complex installation conditions or special customization will also increase accordingly. For example, the increase in construction difficulty such as the need to break walls, dig wells or renovate stairwells will increase the total cost.

If you want to know more details about the hydraulic elevator, please kindly let me know, we would like to provide you more information.