



*Jinan Zhongtian International Trading Co.,Ltd*

## **Jinan Zhongtian International Trading Co.,Ltd**

**Add : Y2-1320. Wanda Plaza. High-tech Zone, jinan city. shandong. china**  
**Mobile:+86 13075302088      Tel:+86 531 88890369      Email:alina@chinalifter.cn**

### **Introduction**

ZTCL GROUP Aerial work platform makes many difficult and dangerous jobs easier, such as indoor and outdoor cleaning (ceiling, curtain wall, glass window, eaves, canopy, chimney, etc.), installation and maintenance of billboards, installation and maintenance of street lamps and traffic signs, etc. This high-altitude lifting platform is characterized by small, flexible, convenient and fast. You can use a lifting platform instead of scaffold to reach the height you need and solve your problems. At the same time, it can also save your expenses and valuable time.

The aerial work platform has the following characteristics:

#### **1. Safety certification**

Comply with EU en280 standard and obtain CE certification.

#### **2. Walking is allowed for working at height**

The scissor fork self-propelled aerial work platform has the function of automatic walking and can walk fast and slowly under different working conditions. Only one person can operate the machine to continuously complete lifting, forward, backward, steering and other actions during aerial work. Compared with the traditional hydraulic platform, it greatly improves the work efficiency and reduces the number of operators and labor intensity. It is especially suitable for high-altitude continuous operation in a large range, such as airport terminal, station, wharf, shopping mall, stadium, community property, factory and mine workshop, etc.

#### **3. Continuously variable transmission**

Only one person is needed to operate, all actions are controlled by the operating handle on the workbench, and the motor is stepless speed change. It effectively prolongs the service life of battery and motor, and the motor only consumes energy during operation.

#### **4. Extension platform**

The platform can be removed, which expands the scope of work and can meet the special needs of some users

#### **5. Green environmental protection**

Because the machine adopts DC battery power, the machine can be safe and quiet, suitable for indoor or outdoor work.



<b>Datasheet</b>	
Working height (m)	14
Platform size (mm)	2300*1130
Lifting height max (m)	12
Working platform size (length × width × height)	2.3×1.13×1.1m
Overall dimensions (length × width × height, (The fence is not folded)	2.48×1.15×2.542m
Overall dimensions (length × width × height, Fence folding)	2.48×1.15×2.094m
Extend platform (m)	0.9
Turn radius (m)	1.89
Load (kg)	320
Extended platform load (kg)	113
Wheel base (m)	0/2.2
Ground clearance (mm)	100/20
Weight (kg)	3960
Grade ability	25%
Machine tire	Solid insulating tire Diameter:300mm Width:100mm
Lifting speed (m/min)	3-5
Walking speed (Stowed state)	3.5km/h
Walking speed (Lifting state)	0.8km/h
Walking DC motor power	DC4.5kw/24v
Lifting DC motor power	DC4.5kw/24v
Storage battery	4×12V/300ah
Charger	24V/30A
Tires	381*127mm
Colour:	Custom



## Parts manua

Battery:	Torch
Main valve:	EATON
Motor pump:	Guo Rui
Electronic control system:	CLP
Motor brake:	DaLi
Power battery:	24V/300ah
Charger:	Sameite
Hydraulic cylinder:	xingda
Support arm:	Shanghai Baosteel Q500 high strength steel
Link pin:	Salt bath nitriding antirust treatment
Surface treatment	Spray processing
Release pump:	yongliyuan
Inclination sensor:	Sensepa,
Hour meter:	Shenghui
Tires:	Traceless rubber wheel
Chassis	Anti-wear Steel plate welding
Safety fence:	35mm * 35mm square tube
Table:	Anti-slip pattern board 3mm
Struts:	Rectangular tube: 125mm * 75mm * 4.5mm
Hydraulic oil:	Great Wall N46 #



## Standard Equipment

1	Proportional controls
2	Drivable at full height
3	Automatic pothole protection
4	Tilt sensor with alarm (Tilt protection system)
5	Emergency lowering system
6	Emergency stop button
7	Automatic brakes system
8	Onboard diagnostic system
9	Non-marking tyre, 2WD
10	Tubing explosion-proof system
11	Charger protection system
12	Self-lock gate on platform
13	Safety maintenance support rod
14	Extendable platform
15	Folding guardrails
16	All motion alarm
17	Horn
18	Flashing beacon
19	Forklift pockets
20	Work schedule

## Features:

- 1.It can walk automatically,no matter fast or slow;
- 2.No need for artificial traction,and do not need external power supply;
- 3.Battery powered,more convenient and efficient;
- 4.Material :high strength steel rectangular tube;
- 5.The work platform can be extensible,The pedal extension platform can be spread to the operation point at a rapid speed;
- 6.One person can operate the machine easily;
- 7Automatic display of fault code for easy maintenance;
- 8.The rotary chassis is convenient for maintenance;
9. 25% climbing ability, able to climb the slope smoothly;
- 10.The foldable fence reduces the volume of the whole machine;
- 11.It is convenient to work in a narrow space.

## Picture



## Product main configuration:

1. Italian Hydrapp brand hydraulic unit, which is small volume, compact structure, lower noise, safe and reliable.The highest pressure can reach 30 mpa, The service life of pump can reach about 500000 times when the pump continuous works.
2. Domestic famous hydro-cylinder , sealing elements and seal ring are imported from Germany ( Dichtomatik company )can ensure high sealing performance. The oil outlet of Oil cylinder is installed automatic shutoff valvehave to be automatic shut-off which can perform closure when the oil tube suddenly burst.
3. The major structure, main frame is welded by high quality rectangular tube which is manufactured by Shanghai steel company. The material is high strength, high resistance to bending and corrosion resisting
4. Compact mainbody, easy control and flexible movement.
5. In the rotating element, it's equipped with composite bearing and oil cup, to make sure it can go up and down stably and no noise interference.
6. Hydraulic oil: Antiwear hydraulic oil
7. Hydromantic oil pipe feature: inner two-double pressureproof steel mesh, which increase resistance to pressure and safety factor.
8. Chargeable battery provides the power to move around and also provides the power to lift the platform,without external power supply.
9. Our products have a quite price range for different quantity and different types requirement. we can provide good discount when the quantity grows big.