

10m Self Propelled Aerial Work Platform configuration

Our company is a professional manufacturer of lifting platforms. Our products have the characteristics of beautiful appearance, flexible movement, simple operation, large load-bearing capacity, stable lifting, safety and reliability. It is the first choice for aerospace, nuclear power and domestic large enterprises and government procurement. The parameters and quotation of the fully self-propelled aerial work platform selected by your company are as follows:

Basic product parameters

Model	FZPT1012D	
Loading capacity	320kg	
Extended platform loading capacity	113kg	
Max. Number of peoples	3	
Max. Working height(A)	12m	
Max. Platform height(B)	10m	
Overall length(C)	2.43m	
Overall width(D)	1.21m	
Overall height(fence not folded)	2.47m	
Overall height(fence folded)(E)	1.93m	
Work platform size(LXW)	2.27m*1.12m	
Platform extension size(G)	0.9m	
Min. Ground clearance(stowed state)	0.1m	
Min. Ground clearance(lifting state)	0.019m	
Wheelbase	1.87m	
Min. Turning radius(inner wheel)	0	
Min. Turning radius(outer wheel)	2.40m	
Lifting motor/driving motor	24V/4.5kw	
Machine travel speed(stowed state)	3.5km/h	
Machine travel speed(lifting state)	0.8km/h	
Ascending/descending speed	100/80 sec	
Battery	4×6V/200Ah	
Charger	24V/30A	
Gradeability	25%	

Max. Allowable working angle	X1.5°/Y3°	
Tyre	Φ381*127	
Machine weight	2550kg	

Product configuration

Proportional control	Automatic braking system	Buzzer
Automatic pothole system	Emergency descent system	Horn
Platform self-locking door	Emergency stop button	Work schedule
Oil pipe explosion-proof system	Full self propelled	4*2 drive
Non-marking tires	Fault diagnosis system	Extension platform
Safety maintenance support rod	Tilt protection system	Folding fence
Standard transport forklift holes	Charging protection system	Strobe light

Standard configuration

Safety guardrail	35mm * 35mm square tube
Table	Lay anti slip patterned plate 3mm
Struts	Rectangular tube: 125mm * 75mm * 5mm Q355 manganese steel Thickness: standard 5mm
Chassis	Q345 manganese steel plate welding
Motor pump	Guorui (Shanghai)
Main valve	Haiwei
Lifting valve	Tiandi(Ningbo)
Charger	SMT or Tonsload
Wiring harness	Whole machine wiring harness
Pin wear sleeve	Carbon fiber wear-resistant bearings
Controller	HBL T500 system(Shanghai)
Hydraulic tube	Haigewei
Bumper strip	Yes
Motor Brake	Xinfa
Hydraulic cylinder	Yida(Wuxi)
Connect pin shaft	The material is 40cr, which has been nitrided by QBQ salt bath, which greatly improves the surface hardness, wear resistance and corrosion resistance

Battery	Leoch/Tianneng, free-maintenance
Hydraulic oil	HL type lubricating oil Anti-oxidation, high pressure, wear-resistant, anti-rust
Tire	Bonded polyester wheel gray non-marking solid tire Jiangsu Tuopu Jiangsu Juneng
Surface treatment	Struts is electrophoresis Other are shot blasting and plastic spraying treatment
Warranty	1 years warranty for equipment
Price	

Product features

1. The pedal extension platform can be quickly deployed to the work point;
2. The foldable fence reduces the size of the whole machine;
3. The industry's smallest turning radius (inner wheel 0m) and compact design facilitate operation in a small space;
4. 25% climbing ability, able to climb the slope smoothly;
5. The rotating chassis is easy to maintain;
6. The fault code is automatically displayed for easy maintenance;

Machine schematic

