**ZTPT1012 Technical parameter:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Number** |  | **Item** |  |  | **Data** |  |
|  |  |  |  |  |  |  |
| 1 | Lifting height | | | | 10 m |  |
|  |  | | |  |  |  |
| 2 | Working height | | | | 12 m |  |
|  |  | | |  |  |  |
| 3 | Dimension | | | | 2518\*1390\*2021mm |  |
|  |  | | |  |  |  |
| 4 | Guardrail height | | | | 1050mm |  |
|  |  | | |  |  |  |
| 5 | Grade ability | | | | 30% |  |
|  |  | | |  |  |  |
| 6 | Platform extension: | | | | 900mm |  |
|  |  | | |  |  |  |
| 7 | Extension platform capacity: | | | | 113kg |  |
|  |  |  |  |  |  |  |
| 8 | Operating speed | | | Stowed | <=1.8km/h |  |
|  |  |  |  |
| 9 | Raised | <=0 km/h |  |
|  |  |  |  |
|  |  | | |  |  |  |
| 10 | Power | | | | Battery driven |  |
|  |  | | |  |  |  |
| 11 | Control system | | | | C101 |  |
|  |  | | |  |  |  |
| 12 | Tyre | | | | Rubber track |  |
|  |  | | |  |  |  |
| 13 | Lifting motor | | | | 48V/3KW |  |
|  |  | | |  |  |  |
| 14 | Weight | | | | 3150kg |  |
|  |  | | |  |  |  |
| 15 | Battery | | | | 8\*12/100 V/Ah |  |
|  |  | | |  |  |  |
| 16 | Track width | | | | 35cm |  |
|  |  | | |  |  |  |
| 17 | Charger | | | | 48/40 V/A |  |
|  |  |  |  |  |  |  |

**Product Materials:**

|  |  |
| --- | --- |
| Safety Guardrail: | Adopt 35mm\*35mm square tube |
| Platform: | Spread anti-slip pattern board 2.5mm |
| Support rod: | Moment tube: 125mm\*75mm\*5mm material Q345 |
|  | manganese steel |
| Chassis: | Q235 steel plate welding |
| Link pin: | Salt bath nitriding |
| Hydraulic cylinder: | 2 pieces |
| Power storage battery: | Torch brand |
| Hydraulic oil: | Great Wall brand |
| Electronic control system: | Medium electric control system |
| Surface treatment: | Spraying plastics treatment |
| Motor reducing gear: | Keya Electronics |
| Machine controller: | Keya Electronics |



**Characteristic:**

* Be able to drive at maximum height
* Maneuverable, extremely easy to use;
* Safe ground clearance for indoor/outdoor Operation
* Robust, reliable and easy to maintain
* Standard feature
* Non-marking wheel
* Double wheel traveling speed
* Flexible turning unit
* Emergency lowering device
* Swing-out tray
* Pothole protection device
* Emergency release brake

**Product main configuration:**

1. Italian Hydraulic 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 valve have to be automatic shut-off which can perform closure when the oil tube suddenly burst.

1. 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
2. Compact main body, easy control and flexible movement.
3. 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.
4. Hydraulic oil: Anti wear hydraulic oil

7.Hydromantic oil pipe feature: inner two-double pressure proof steel mesh, which increase resistance to pressure and safety factor.

1. Chargeable battery provides the power to move around and also provides the power to lift the platform,without external power supply.

