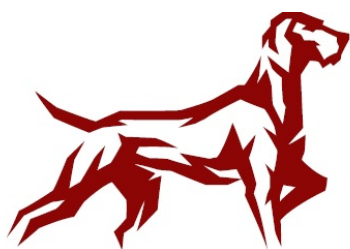


Pointer Battery Trolley

1.2 tons



POINTER

-
- . The control box is externally mounted for easy inspection and maintenance (8)

Technical parameters

Main technical parameters

Initial height	800mm
Max lifting height	1800mm
Lift trip	1000mm
Lifting capacity	1200kg
Dimension (mm)	2761×900×1800
Lift time	≤40s
Fall time	Adjustable
Hydraulic pressure	20Mpa
Platform length	1740mm-2070mm
Platform width	800mm
Weight	685kg
Working voltage	DC48V
Charging voltage	AC220V
Motor Power	2.2KW
Oil tank capacity	4L

Dimension

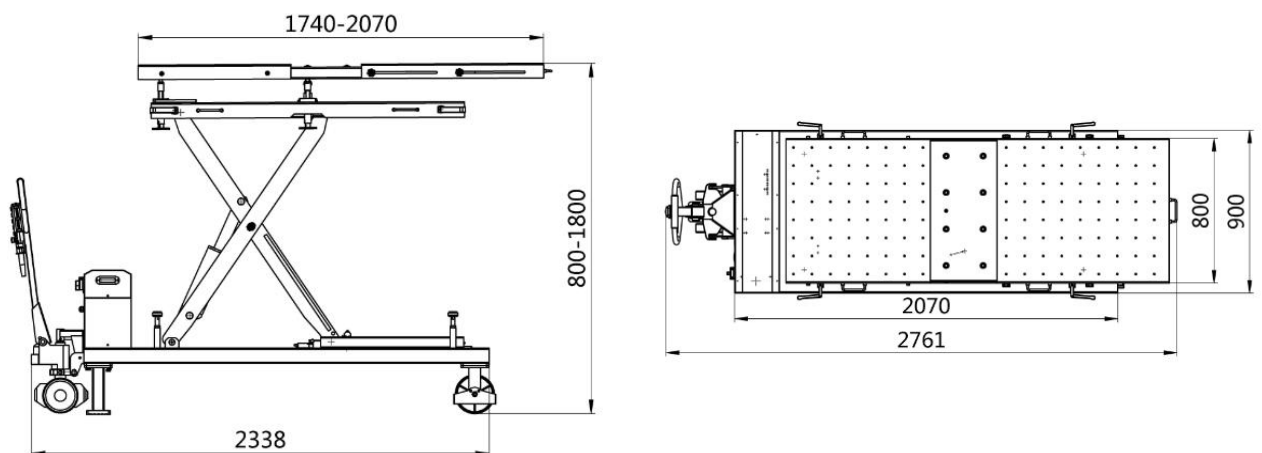


Fig 1 Dimensions

Structural Performance

This machine is mainly composed of three parts: mechanical system, hydraulic system and electrical system.

The main components of the mechanical system are as follows (fig 2):

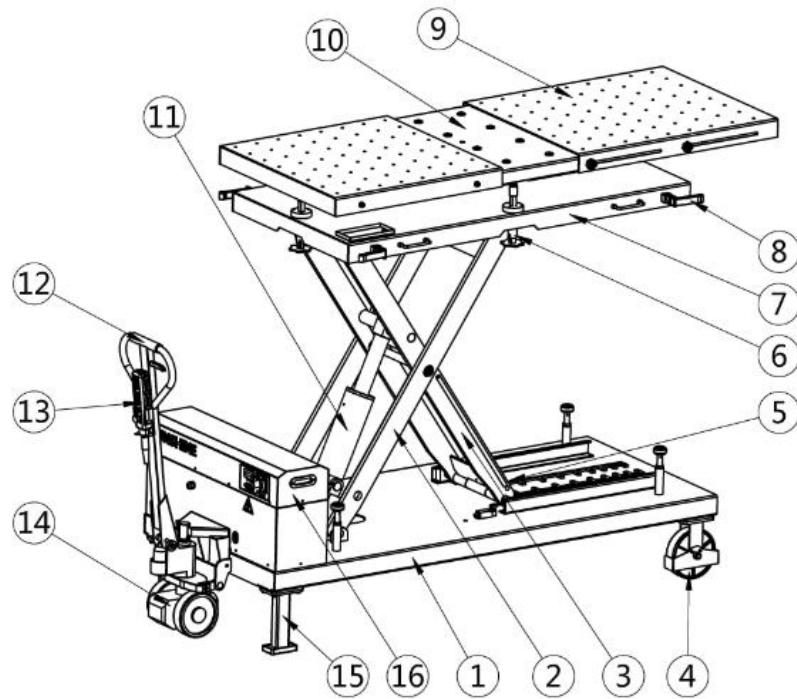


Fig 2 The mechanical structure of the lift

- | | | | | |
|-------------------------------------|--------------|---------------------------------------|-----------------------|---------------------------|
| 1. Base | 2. Outer arm | 3. Inner arm | 4. Directional caster | 5. Mechanical lock |
| 6. Turning adjustment handle | | 7. Main platform and sliding platform | | |
| 8. Push and pull clamp | | 9. Pullable support plate | | 10. Turning platform |
| 11. Oil cylinder | | 12. Traction handle | | 13. Remote control handle |
| Walking drive motor 14. Console .14 | | | | |
| 15. Front Outrigger 16. Console .14 | | | | |

Hydraulic system

The hydraulic pump station system of the lift is installed in the console. The hydraulic schematic diagram is shown in fig 3, and the structural composition is shown in fig 4.

In fig 4, the overflow valve 3 is responsible for system pressure adjustment. The screw in the nut is screwed in to increase the pressure, and when it is screwed out, the pressure is
