

# 自卸拖车动力单元 2

## TIPPER TRAILER POWER UNITS 2

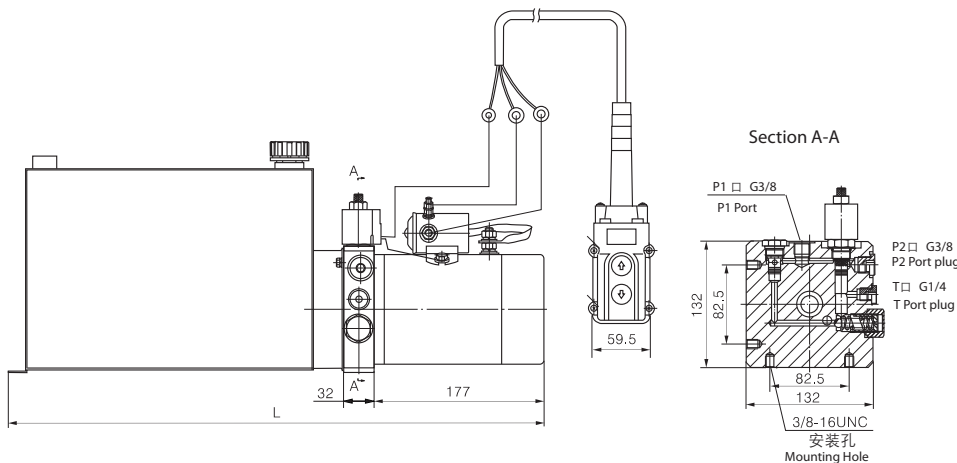
### 简介 General Description

此液压动力单元由高齿轮油泵、直流电机、多用集成块、液控阀、油箱等零部件有机结合为一体，系典型的动力上升、重力下降液压回路。启动电机，实现上升，打开电磁卸荷阀，实现下降，下降速度由内置平衡阀自动控制。广泛应用于车辆机械、园陵机械等。

Equipped with a high pressure gear pump, a DC motor, a multi-functional manifold, valves and a tank, ect. This power unit has a power up gravity down circuit. Start the motor to lift the machine and the lowering movement is activated by the solenoid valve with the lowering speed controlled by the pressure compensated flow control valve. Products of this series are widely used in the industry of logistic devices such as automotive, garden machinery, ect.

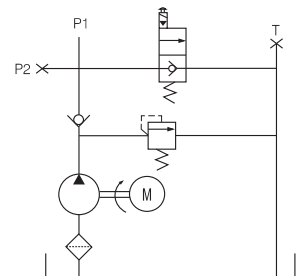


### 外形尺寸图 Outline Dimension



### 系统工作原理

#### Hydraulic Circuit Diagram



### 型号规格说明 Model Specifications

Model 型号	Motor Volt 电机电压	Motor power 电机功率	Rated Speed 名义转速	Displacement 油泵排量	System pressure 溢流阀压力	Tank Capacity 油箱容量	L(mm)
YBZ-F2.1E1W2/WUCAD/RC	12VDC	1.5KW	2500RPM	2.1mL/r	20MPa	12L	559
YBZ-F2.5H1W2/WUCAD/RC				2.5mL/r		20L	791
YBZ-F2.5E2A2/WUCBD/RC	24VDC	2.0KW			18MPa	12L	559
YBZ-F2.7G2A2/WUABD/RC				2.7mL/r		16L	676

说明: 1.如需不同流量的泵、压力、电机功率等系统参数, 请查看液压动力单元型号说明。 2.如需手动应急放油装置, 请在订货时说明。  
Remark: 1. Please go to page 38 or consult our sales engineer for the different pump displacement, motor power or tank capacity.  
2. The manual override function is available on request.

### 注意事项 Special Notes

1. 此动力单元为 S3 工作制, 不可连续运转, 30 秒开、270 秒停。
2. 按装前必须保证油缸、油管、接头等液压元件清洁无任何杂质粘附。
3. 液压油粘度应为 15 ~ 68CST, 应清洁无杂质, 推荐使用 N46 号液压油。
4. 本液压动力单元适用于卧式安装。
5. 首次启动运行系统后, 应立即检查油箱中的油量是否充足。
6. 系统使用第一个 100 小时后, 应更换液压油, 以后每 3000 小时更换一次液压油。

1. The duty of this power unit is S3, i.e., 30 seconds on and 270 seconds off.
2. Clean all the hydraulic parts concerned before mounting the power unit.
3. Viscosity of the oil should be 15-68 cst, and the oil should be clean and free of impurities, N46 hydraulic oil is recommended.
4. The power unit should be mounted horizontally.
5. Check the oil level in the tank after the initial operation of the power unit.
6. Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.