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**POWER UNITS**

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Tipper Trailer Power Units 2

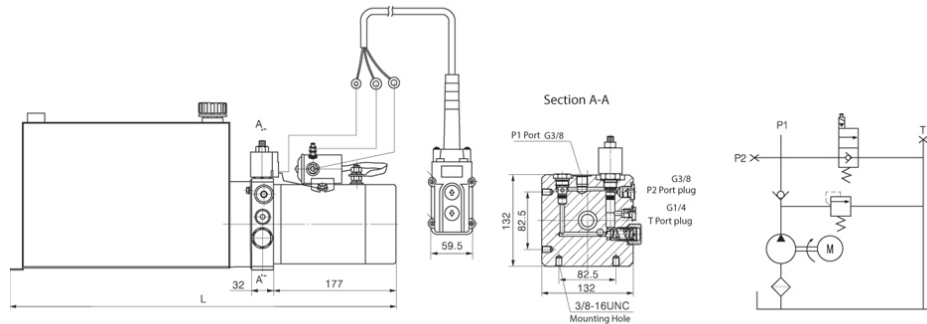
## Tipper Trailer Power Units 2

### General Description



Equipped with a high pressure gear pump, a DC motor, a multifunctional 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.

### Outline Dimension



### Model Specifications

Model	Motor Volt	Motor power	Rated Speed	Displacement	System pressure	Tank Capacity	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		2.5mL/r	18MPa	12L	559
YBZ-F2.7G2A2/WUABD/RC				2.7mL/r		16L	676

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.

### Special notes

- The duty of this power unit is S3, i.e., 30 seconds on and 270 seconds off.
- Clean all the hydraulic parts concerned before mounting the power unit.
- Viscosity of the hydraulic oil should be 15-68 cst, which should also be clean and free of impurities. N46 hydraulic oil is recommended.
- The power unit should be mounted horizontally.
- Check the oil level in the tank after the first start of the power unit.

6. Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.

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