

Welcome To **BUCHER** hydraulics

POWER UNITS

Our quality: We always adhere to the implementation of ISO9001 quality management system and continuously strengthen and improve internal management, as well as providing our customers with best quality products. Quality and service is our sincere commitment.



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Tipper Trailer Power Units 1

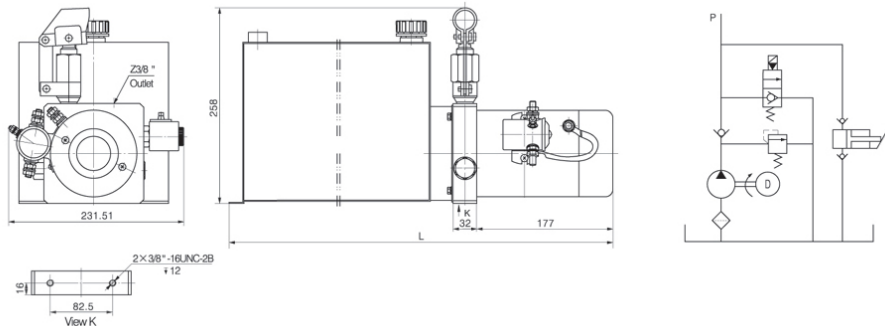
Tipper Trailer Power Units 1

General Description



This power unit is designed exclusively for small tipper, consisting of high pressure gear pump, DC motor, multi-functional manifold, valves and tank, etc. The hand pump with a displacement of 8cc per stroke works as a backup power source of lifting the tipper in case of power failure with the lowering movement is activated by the solenoid valve.

Outline Dimension



Model Specifications

Model	Motor Volt	Motor power	Rated Speed	Displacement	System pressure	Tank Capacity	L(mm)
YBZ-F2.1E1W27/WUCAK1	12VDC	1.5KW	2500RPM	2.1mL/r	20MPa	12L	559
YBZ-F2.1H1W27/WUCAK1						20L	791
YBZ-F2.5E2A27/WUCBK1	24VDC	2.0KW		2.5mL/r	18MPa	12L	559
YBZ-F2.7H2A27/WUCBK1				2.7mL/r		20L	791

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

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