

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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Fork Lift Power Units 1

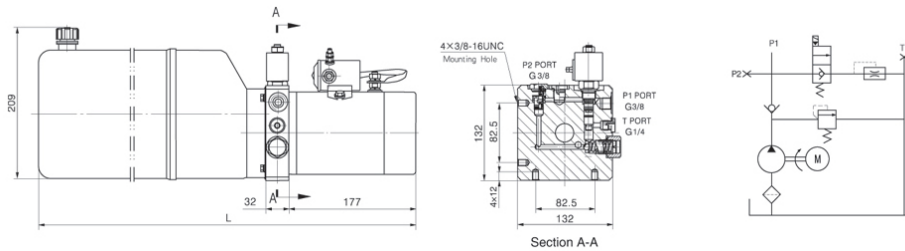
## Fork Lift Power Units 1

General Description



Equipped with a high pressure gear pump, a DC motor, a multifunctional manifold, valves and a tank etc. This power unit features power up gravity down function. 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 can be widely used in the industry of logistic devices such as fork lift, mini lift table etc.

Outline Dimension



Model Specifications

Model	Motor Volt	Motor power	Rated Speed	Displacement	System pressure	Tank Capacity	L(mm)
YBZ5-F1.2A1W2/WUAAD1	12VDC	1.5KW	2500 RPM	1.2mL/r	20MPa	3.5L	409
YBZ5-F1.6B1W2/WUAAD1				1.6mL/r		5L	459
YBZ5-F2.1B1W2/WUAAD1				2.1mL/r		5L	459
YBZ5-F2.1B2A2/WUABD1	24VDC	2KW		2.1mL/r		6L	509
YBZ5-F2.5C2A2/WUABD1				2.5mL/r		8L	579
YBZ5-F2.7C2A2/WUABD1				2.7mL/r		8L	579

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 power unit is of S3 duty, which can only be worked intermittently, i.e., 1minute on and 9 minutes off.
- Clean all the hydraulic parts concerned before mounting the power unit
- The viscosity of the oil should be 15-68 cst.
- Change the oil after the first 100 hours of using the power unit, then change the oil every 3000 hours.
- The power unit should be mounted horizontally.



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