

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 3

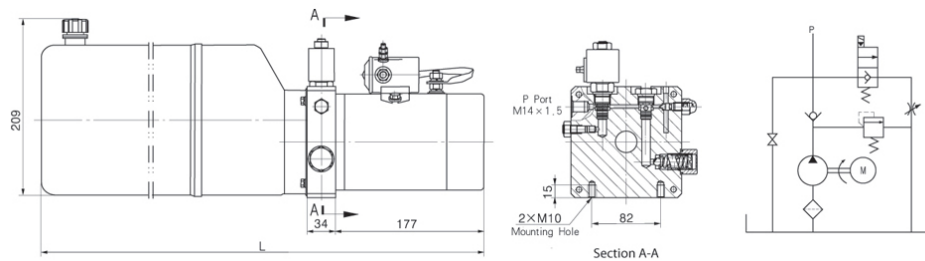
Fork Lift Power Units 3

General Description



Consisting of high pressure gear pump, DC motor, multi-functional manifold, valves and tank, this power unit has been widely used in the industry of logistic devices such as fork lift, mini lift table and scissors lift. The lowering movement is controlled by the solenoid valve with the lower speed controlled by adjustable throttle valve. The needle release valve is used for lowering movement in case of power failure.

Outline Dimension



Model Specifications

Model	Motor Volt	Motor power	Rated Speed	Displacement	System pressure	Tank Capacity	L
YBZ-F1.2A1W2/WUAAG1	12VDC	1.5KW	2500 RPM	1.2mL/r	20MPa	3.5L	411mm
YBZ-F1.6B1W2/WUAAG1				1.6mL/r		5L	461mm
YBZ-F2.1B1W2/WUAAG1				2.1mL/r		5L	461mm
YBZ-F2.1B2A2/WUABG1	24VDC	2KW		2.1mL/r		6L	511mm
YBZ-F2.5C2A2/WUABG1				2.5mL/r		8L	581mm
YBZ-F2.7C2A2/WUABG1				2.7mL/r		8L	581mm

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.
- Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.
- The power unit should be mounted horizontally.



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