

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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Pallet Truck Power Units

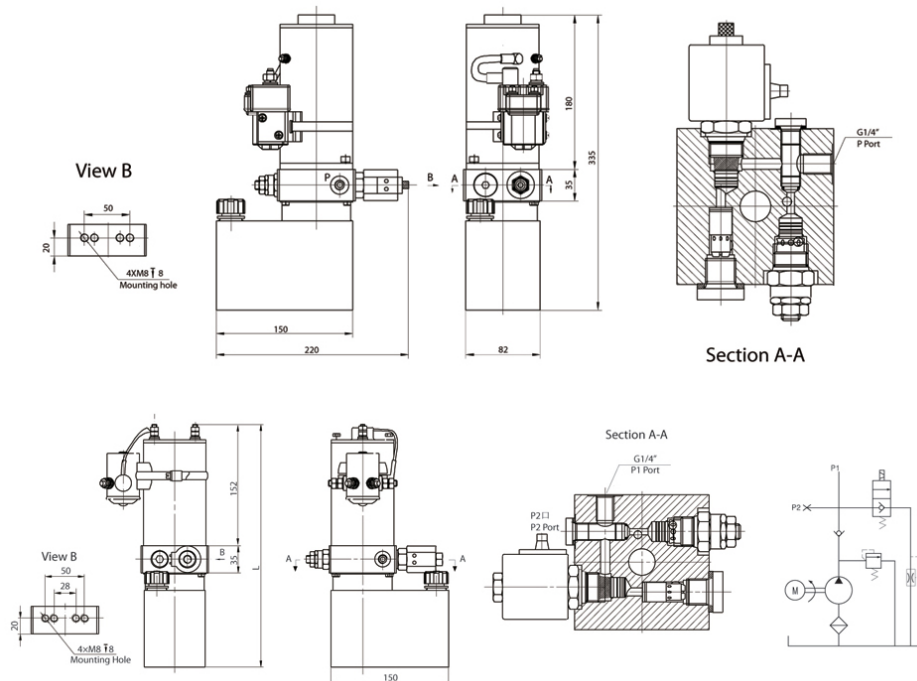
Pallet Truck Power Units

General Description



Consisting of high pressure gear pump, Low noise DC motor, multi-functional manifold, valves, tank, ect. This power unit can be widely used in the industry of logistic devices such as minifork lift ect. The lowering movement is controlled by the solenoid valve with the speed controlled by the balance valve.

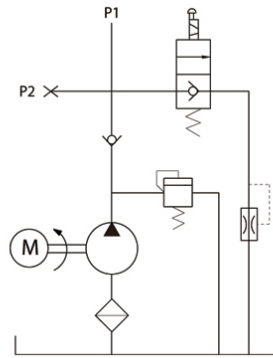
Outline Dimension



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Model Specifications

Model	Motor Volt	Motor power	Rated Speed	Displacement	System pressure	Tank Capacity	L(mm)	
YBZ5-E0.5W1T2/VUSAP1	12VDC	0.8KW	3500rpm	0.5mL/r	16MPa	1L	307	
YBZ5-E0.63W1T2/VUSAP1				0.63mL/r				
YBZ5-E0.5Y2T2/VUSBP1	24VDC			0.5mL/r		16.5MPa	1L	337
YBZ5-E0.63Y2T2/VUSBP1				0.63mL/r				
YBZ5-E0.75W2T2/VUSIP2				0.75mL/r		1L	335	

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 work intermittently and repeatedly, i.e., 1 minute on and 9 minutes 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.
- This power unit should be mounted vertically.
- 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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