

GAZELLE®

G9637 **Double Action** **Hydraulic Electric Pump** **User Manual**



Content

I. Technical Specifications.....	3
II. Application.....	3
III. How to use.....	3
IV. Maintenance cautions.....	4
V. Trouble shooting.....	5

G9637 high pressure electric motor driven pump, composed of three-phase asynchronous motor, high pressure pump, tank etc. with a comprehensive advantage such as small size, light weight, high pressure, flexible operation, compact structure, easy to carry, easy to use, etc. To observe pressure changes while operation at any time, the pump is equipped with a pressure gauge.

I. Technical Specifications

Model	G9637
Rated pressure	70 MPa
Oil speed	Low pressure 4L/min High pressure 0.3L/min
Motor power	0.37KW
Voltage	220V
Frequency	50/60HZ
Oil capacity	5L

II. Application

1. This pump can be hydraulic pump for different kinds of hydraulic tools or equipment.
2. This pump is a perfect hydraulic power pack, can be assembly with hydraulic tool or equipment to accomplish the work such as lifting, compression, bending, straightening, cutting, assembly, dismantling, and other operations.

III. How to use

1. Check the air bleeding nut is at the ventilation position.
2. Pull out the dustproof plug, connect the hose to the pump and then connect the other ends to the tools, confirm the right connection by pulling the hose firmly.

3. Connect the power, press the oil output button on the wired remote control. Seal the dustproof plug. After work on the tool finished, release the button and then press the oil decompression button to retract the tool. Release the button when tool fully retracts.
4. When the batch work is finished, disconnect the male and female coupling(disconnect the pump and tool), shut off the power.

IV. Maintenance cautions

1. The pump using MOBIL #24 hydraulic oil.
2. Oil filling volume must be within the oil window.
3. Change oil every 6 months. Filter the oil with an 80 mesh filter net and be sure the tank is clean before replacing the oil.
4. Oil working temperature 10°C to 50°C.
5. If the motor temperature is too high, please stop using, and after self-cooling then can be used.
6. Before delivery the pressure has been set up. Adjust the pressure is prohibited. In case of need to adjust, pressure gauge must be applied and adjust carefully. But it cannot be exceed rated pressure.
7. High pressure hose is tested with 105MPa before delivery. But due to the aging of hose, inspection should be done by user, generally 6 months. Three months if frequent using. While inspection, 87.5MPa test pressure. In case of break, heave or leakage, change the hose.
8. Clean the bearing every six months as usual, add lubricating grease when assembly.

V. Trouble shooting

Trouble	Cause	Shooting
Motor wrong	1. Power disconnecting, switch poor contact	Check the power switch
Pressure wrong	1. High pressure relief valve failure	70MPa Adjust high pressure relief valve
	2. Oil leakage	Check and repair, change sealing gasket.
	3. Wear and aging of plunger and barrel assembly	Change plunger and barrel assembly
Insufficient flow	1. Damage of sealing parts	Change sealing parts
	2. Wrong hydraulic oil	Use oil as per Instruction



We shall in no event be liable for death, injuries to persons or property from the improper use and lack of maintenance of our product .Any doubt of safety operation and precaution, please contact with our distributor.



Please properly dispose of all packing materials and removed parts.

INNOVATION
PERFORMANCE
SAFETY
CONFIDENCE
GAZELLE

GAZELLE

sales@gazelleindustrial.com | www.gazelleindustrial.com