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# **ELECTRIC MOTOR HYDRAULIC PUMP USER MANUAL**

**MODEL:GYB-630B GYB-630B II GYB-700A GYB-700A II**

We continue to be committed to providing you with tools at competitive prices.

"Save Half", "Half Price" or any other similar expressions used by us only represent an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and do not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.



# VEVOR®

TOUGH TOOLS, HALF PRICE

**ELECTRIC MOTOR  
HYDRAULIC PUMP**



## NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction. Please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.



READ THESE INSTRUCTIONS CAREFULLY BEFORE

## SPECIFICATIONS

| Name                        | Electric High Hydraulic Pump |                              |                            |                              |
|-----------------------------|------------------------------|------------------------------|----------------------------|------------------------------|
| Model                       | GYB-630B                     | GYB-700A                     | GYB-630B                   | GYB-700A                     |
| Rated Pressure              | 70MPa                        |                              |                            |                              |
| Oil Flow                    | Low Pressure:8L/min          |                              | High Pressure:0.7L/min     |                              |
| Voltage                     | 110V,60Hz,750W               |                              |                            |                              |
| Oil Capacity                | 8L                           |                              |                            |                              |
| Switch                      | Hand Switch                  | Foot switch                  | Hand Switch                | Foot switch                  |
| Output Connection           | NPT 3/8                      |                              |                            |                              |
| Useable hydraulic oil Model | 15-32#                       |                              |                            |                              |
| Control                     | Single Acting Manual valve   | Single Acting Solenoid valve | Double Acting Manual valve | Double Acting Solenoid valve |

## SAVE THIS MANUAL

You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list, and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

## HYDRAULIC PUMP WARNINGS AND PRECAUTIONS

**WARNING:** When using the tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment. Read all instructions before using this tool!

- 1. Keep the work area clean.** Cluttered areas invite injuries.
- 2. Observe work area conditions.** Do not use machines or power tools in damp or wet locations. Don't expose to rain. Keep the work area well-lighted. Do not use electrically powered tools in the presence of flammable gases or liquids.
- 3. Keep children away.** Children must never be allowed in the work area. Do not let them handle machines, tools, or extension cords.
- 4. Store idle equipment.** When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep them out of reach of children.
- 5. Do not force the tool.** It will do the job better and more safely at the rate for which it was intended. Do not use inappropriate attachments in an attempt to exceed the tool's capacity.
- 6. Use the right tool for the job.** Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. There are certain applications for which this tool was designed. Do not modify this tool, and do not use this tool for a purpose for which it was not intended.
- 7. Dress properly.** Do not wear loose clothing or jewelry, as they can be caught in moving parts. Protective, electrically non-conductive clothes, and non-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair.
- 8. Use eye and ear protection.** Always wear ANSI-approved impact safety goggles. Wear a full face shield if you are producing metal filings or wood chips. Wear an ANSI-approved dust mask or respirator when working around metal, wood, and chemical dust and mists.
- 9. Do not overreach.** Keep proper footing and balance at all times. Do not reach over or across running machines.
- 10. Maintain tools with care.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing

accessories. Inspect tool cords periodically and, if damaged, have them repaired by an authorized technician. The handles must be kept clean, dry, and free from oil and grease at all times.

**11. Disconnect power.** Unplug the tool when not in use.

**12. Remove adjusting keys and wrenches.** Check that keys and adjusting wrenches are removed from the tool or machine work surface before plugging it in.

**13. Avoid unintentional starting.** Be sure the switch is in the Off position when not in use and before plugging in. Do not carry any tool with your finger on the trigger, whether it is plugged in or not.

**14. Stay alert.** Watch what you are doing, and use common sense. Do not operate any tool when you are tired.

**15. Check for damaged parts.** Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts, any broken parts or mounting fixtures, and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the tool if any switch does not turn On and Off properly.

**16. Guard against electric shock.** Prevent body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerator enclosures.

**17. Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool.

**18. Do not operate the tool if under the influence of alcohol or drugs.** Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.

**19. Use the proper size and type of extension cord.** If an extension cord is required, it must be of the proper size and type to supply the correct current to the tool without heating up. Otherwise, the extension cord could melt and catch fire or cause electrical damage to the tool. This tool requires

the use of an extension cord of 0 to 12 amps capability (up to 50 feet), with wire size rated at 16 AWG. Longer extension cords require larger size wires. If you are using the tool outdoors, use an extension cord rated for outdoor use. (signified by “WA” on the jacket).

**20. Maintenance.** For your safety, service and maintenance should be performed regularly by a qualified technician.

**21. If you have a heart pacemaker,** the operation of electrical equipment in close proximity to a heart pacemaker could cause interference or failure of the pacemaker. Note: The performance of this tool (if powered by line voltage) may vary depending on variations in local line voltage. Extension cord usage may also affect tool performance. Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors that cannot be built into this product but must be supplied by the operator.

## UNPACKING

When unpacking, check to make sure that the unit is assembled as shown in the cover photo. Also, refer to the Parts List and Assembly Drawing at the end of this manual. If any parts are missing or broken, please call Harbor Freight Tools at the number on the cover of this manual as soon as possible. Please contact our customer service as soon as possible.

## INSTALLATION

Before use, connect the hydraulic pipe to the hydraulic pump outlet. (As shown in the figure)



**And butt the quick connector with the tool.**

## **HYDRAULIC PUMP WARNINGS AND PRECAUTIONS**

Before using this pump unit, check the oil tank of the pump. **MAKE SURE** there is enough oil in the oil tank and higher than the oil-window

- 1) Open the air-out screw before operating the pump.
- 2) Inspect the oil pressure with the gauge.
- 3) Change the hydraulic oil every 18 months.
- 4) Filter the oil before changing the oil; #15-#32 hydraulic oil is
- 5) recommended.
- 6) Handle the pump at 10-50°C.
- 7) Stop working once the motor is hotter and hotter to a higher temperature to protect the whole pump system.
- 8) Keep replacing the oil hose once any damage or aging; the standard rated pressure of the oil hose is 105MPa.
- 9) Inspect the oil hose on 87.5MPa(recommended).
- 10) Before each use, check all fittings for tightness.
- 11) Allow the motor to cool down after extended use.

Replace the bearing parts and lubricate them accordingly every 18 months.

**COMMON FAULTS AND SOLUTIONS**

| Faults                | Reason         | Solutions                               |
|-----------------------|----------------|-----------------------------------------|
| Motor Abnormal        | Electric power | Check the power                         |
| Pressure Abnormal     | Oil leaking    | Make inspection and replace new O-rings |
| Oil flow insufficient | Oil            | Add oil or change hydraulic oil         |

**PLEASE READ THE FOLLOWING CAREFULLY**

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



### Main Parts:

- |                              |                  |
|------------------------------|------------------|
| ① Control Pedal              | ② Oil-window     |
| ③ Oil Hose                   | ④ AC Power Line  |
| ⑤ Pressure Gauge             | ⑥ Carrying Frame |
| ⑦ Electromagnetic Valve Unit | ⑧ Oil Tank       |

### Standard accessories :

| PART NO. | DESCRIPTION                         | QTY |
|----------|-------------------------------------|-----|
| 1        | HYDRAULIC PUMP                      | 1   |
| 2        | USER MANUAL                         | 1   |
| 3        | PTFE TAPE                           | 1   |
| 4        | 3M Oil Hose (GYB-630B GYB-700A)     | 2   |
| 5        | 3M Oil Hose (GYB-630BII GYB-700AII) | 3   |





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