

# Model 8000 Container Carrier

## Owner's Manual (3-06)



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**Drawings and Parts Information** - G & H Manufacturing, Inc. does not include Drawing and Parts information with this manual unless specifically requested. This is done for various reasons however the primary one is to ensure that the Customer always receives the correct replacement parts.

Included in this CD is the Job Order Number that this Unit was built by. It contains the “Bill of Material” and part numbers. Use this for reference when requesting Drawing and Parts information. To obtain this information, contact the Parts Department at 817-467-9883. For all requests, please supply the Unit’s Serial Number.

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# **SECTION 1: GENERAL INFORMATION**

## **Introduction**

We have attempted to cover as much information as possible in this manual. The data provided is based on information that was current at time of release. If you cannot find the necessary information in this manual, call our office or email us through our web site as listed below.

**G & H Manufacturing**  
**1015 Commercial Blvd. South**  
**Arlington, Texas 76001**  
**(817) 467-9883**  
[www.ghmfg.com](http://www.ghmfg.com)

## **Safety Information**

This section contains important safety information. Please read this section carefully to avoid serious injury or death. All safety precautions described in this section should be completely and thoroughly understood and used by all trained personnel using this equipment.

G & H Manufacturing designs and constructs its equipment by incorporating every possible safety provision into the unit at the time of manufacture. The equipment must be operated as installed and as intended by the Manufacturer and protected from tampering or misuse by unauthorized personnel.

Untrained operators and stray personnel, who may be tempted to play with the controls or equipment, are considered to be unauthorized personnel. Therefore, it is very important that the owner(s) and/or operator(s) take and enforce the following precautions:

- All individuals authorized to operate the equipment should be trained in the proper use of the controls. All potential danger points should be specifically pointed out to the operator(s).
- No adjustments, modifications, alterations or repairs should be made by anyone other than qualified personnel.
- All malfunctions or indications of improper operation should be reported to the owner(s) to allow for immediate inspection and repair.
- All indications of need of repair should be carefully monitored. These indicators include but are not limited to blown fuses, electrical equipment sparking,

electrical shocks, bulging or deformed structural members, cracked welds, oil leaks or abnormal performance of the equipment.

- The 8000R Container Carrier is designed to haul containers with the Lift frame fully down, Tilt frame fully rotated forward toward the Cab and the Rotator in the zero and latched position. Hauling containers in any other position could cause damage to the unit.
- Do not adjust pressures to exceed recommended settings, and do not exceed the lifting capacity of 6000 lbs.
- Containers should be empty when hauling over the road. If it is necessary to haul loaded containers, remember to use caution and lower speeds as the additional weights could change the driving and handling characteristics of the vehicle.
- Do not slam the unit into a container. Only lift containers vertically. Do not slide or drag containers with one (1) fork or drag a container sideways.
- Do not leave the Lift frame raised or partially raised while unattended or during performance of maintenance unless it is propped to prevent accidental lowering.
- Make sure unit is empty before performing any maintenance or service.
- Do not attempt to raise a container when vehicle is on unlevelled ground.
- Keep area around the unit clear when the unit is operating.
- The unit is equipped with a Back up Alarm. Any attempt to remove or disable the alarm is done at the individual's risk.

**NOTE:** G & H Manufacturing makes no warranties regarding the safety of the equipment unless these safety instructions are observed by the owner(s) and operator(s) at all times.

### **Warranty Statement**

G & H Manufacturing warrants each new product of its own manufacture to be free from defects in material and workmanship, for a period of twelve (12) months from date of shipment. Our obligation under this warranty is limited to repair or replacement of any part of the product of our manufacture provided that, in our judgment, the part is defective. All other damages and claims, statutory or otherwise, being hereby expressly waived by the purchaser, this includes but is not limited to any towing cost and damage incurred from equipment down time.

This warranty shall not apply to any failure or damage incurred through misuse, neglect, lack of maintenance, accident or any other cause beyond the control of G & H Manufacturing.

This warranty shall not apply to major purchased components such as pumps, valves, cylinders, etc... Warranty for these components will be handled by the customer and covered under the warranty of the original major component manufacturer.

There are no warranties, expressed or implied, which extend beyond the warranty set forth in this Owner's Manual.

### **Warranty Procedure**

Customer notifies G & H Manufacturing via phone at 817-467-9883 of warranty need. G & H Representative will determine with customer which of the following best serves the customers needs:

#### **G & H Manufacturing Supplied Parts**

If the warranty claim is for a part supplied by G & H Manufacturing, the customer will be instructed to ship the part, transportation charges prepaid, to the following address:

G & H Manufacturing  
1015 Commercial Blvd. South  
Arlington, Texas 76001

The G & H Representative will issue an RGA number to the customer. The customer shall ensure that the part and associated documentation contain this number. Following receipt of the part, G & H Manufacturing and/or the original vendor will inspect and evaluate the part. If the warranty is deemed valid, G & H Manufacturing will ship a replacement part to the customer.

#### **Major Purchased Component Parts (pumps, valves, cylinders, etc.)**

If the warranty claim is for a major purchased component part, the G & H Manufacturing Representative will provide the customer the original part Manufacturers contact information. The customer shall contact the original part Manufacturer to determine and follow the prescribed warranty procedures.

For all other warranty issues or questions, please contact G & H Manufacturing at the number shown above.

## **SECTION 2: OPERATION**

### **Controls**

**NOTE:** Make sure that you thoroughly read and fully understand all controls and applicable options before operating this unit.

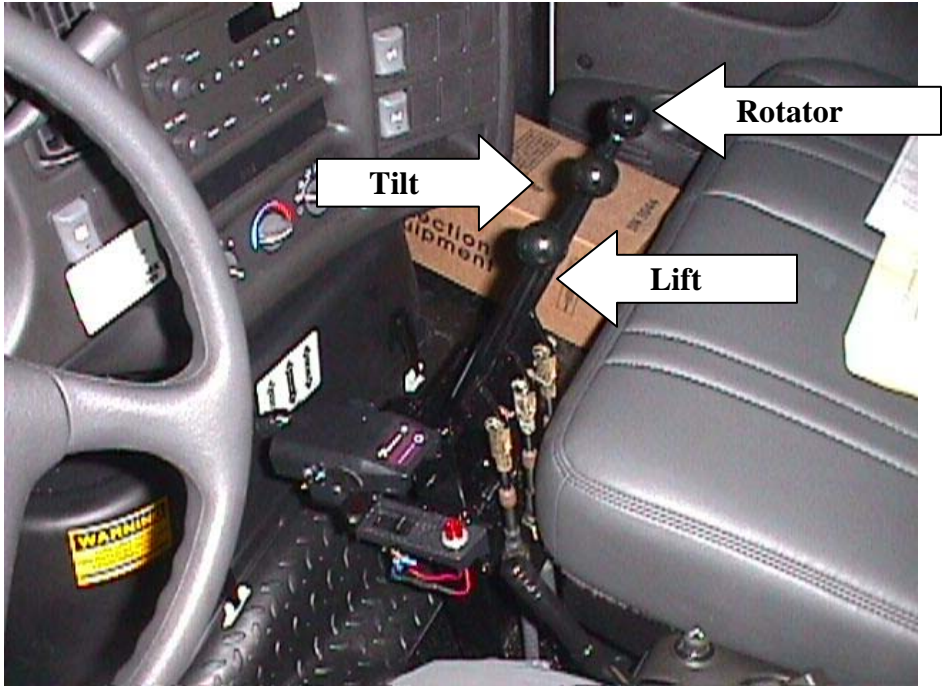
Inside the Cab are the Main Controls and the PTO switch with indicator light (Ref. Figures 1 & 2). The description and function for these are as follows:

**Main Controls** – There will be either two (Model 8000) or three (Model 8000R) cable type control levers that are connected to a valve located in the center of the unit. These levers are used to control the Lift Frame, Tilt Frame and Rotator movements.

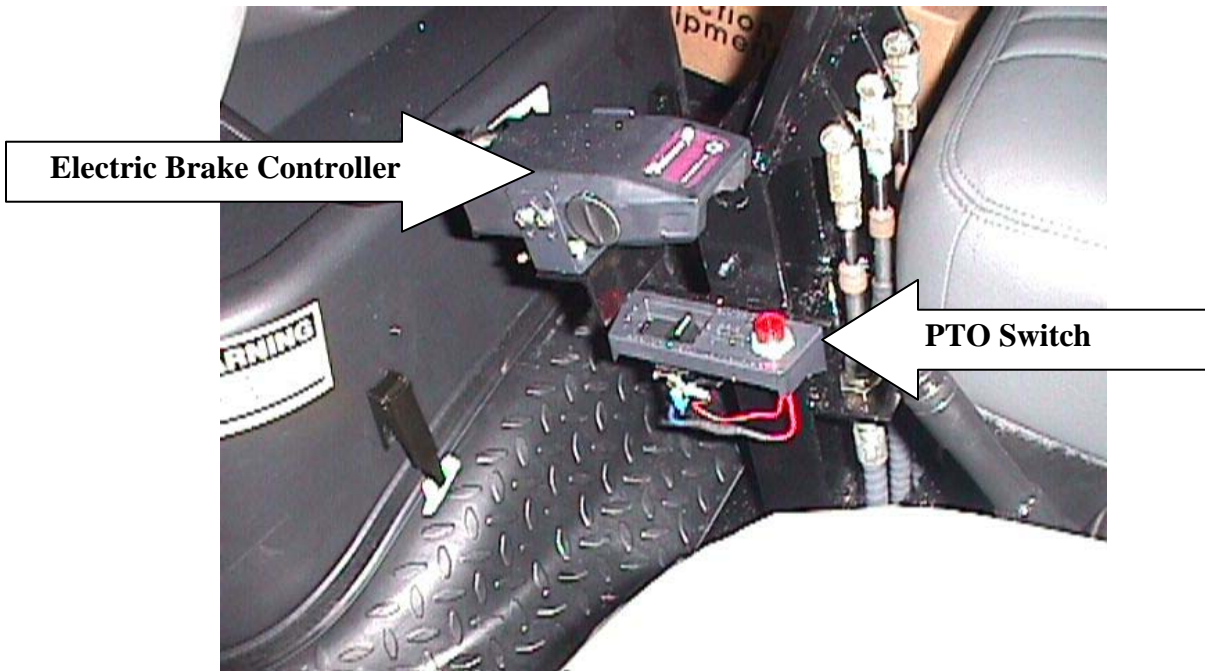
- Use the left control handle to move the Lift Frame up and down. Pull the control handle to lift (up) the frame and push the control handle to lower (down) the frame.
- Use the second control handle to move the Tilt Frame forward and back. Pull the control handle to tilt the frame forward towards the Cab and push the control handle to tilt the frame back.
- For Model 8000R, use the right control handle to turn the Rotator. Pull the control handle to rotate to the left or counter clockwise. Push the control lever to rotate to the right or clockwise.

**PTO Controls** – On the left side of the Control Pedestal there is an ON/OFF switch which controls the operation of the PTO. There is also a Red indicator light which will come ON when the PTO switch is switched to the ON position. Refer to Manufacturers manuals for additional details.

**(See Figures 1 & 2 on next Page)**



**Figure 1**



**Figure 2**

## Container Loading/Unloading/Dumping

**Note:** - The following instructions are for in Cab operation.

### Container Loading

- Back the Truck up to the container.
- Turn the PTO switch ON and accelerate the Engine to 1500 RPM.
- Push the Tilt Frame lever until the Forks are level.
- Pull the Lift Frame lever to raise and line up the forks with the lift pockets on the container.
- Back the Truck up sliding the forks into the pockets until the Tilt Frame touches the container.
- Pull the Tilt Frame lever until the frame rests on the stops.
- Push the Lift Frame lever until the frame rests on the stops.
- Return Engine to Idle speed and turn the PTO switch OFF.

### Container Unloading

- Turn the PTO switch ON and accelerate the Engine to 1500 RPM.
- Pull the Lift Frame lever to raise the frame approximately one (1) foot.
- Push the Tilt Frame lever until the container is level.
- Push the Lift Frame lever to lower the container to the ground. Release lever after Fork tips are clear of edge of pockets.
- Pull the Truck forward until the Forks are clear of the container.
- Push the Lift Frame lever until the frame rests on the stops.
- Pull the Tilt Frame lever until the frame rests on the stops.
- Return Engine to Idle speed and turn the PTO switch OFF.

### Dumping a Container (Model 8000R)

- Turn the PTO switch ON and accelerate the Engine RPM to 1500 RPM.
- Pull the Lift Frame lever to raise the frame at least one (1) foot.
- Push the Tilt Frame lever to tilt the container back until it is just slightly tilted towards the Cab.
- Pull the Rotator lever to rotate the container and dump the load.
- Push the Rotator lever to rotate the container back to the upright position.
- Pull the Tilt Frame lever until the frame rests on the stops.
- Push the Lift Frame lever until the frame rests on the stops.
- Return Engine to Idle speed and turn the PTO switch OFF.

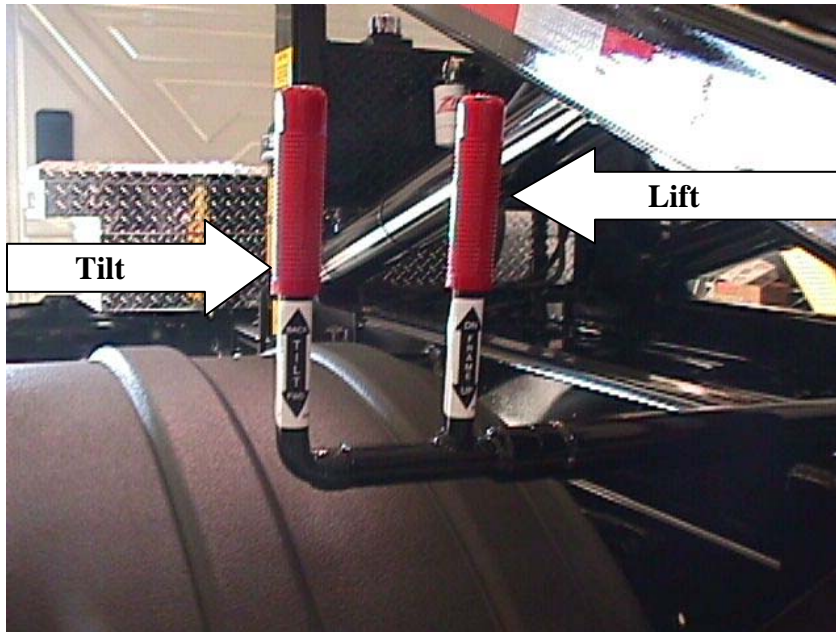


## Options

### Rear Controls (Ref. Figure 3)

Located above the left rear fender are two (2) manual control levers. These are mechanically connected to the same control valve located in the center of the unit. These control levers will operate the unit as follows:

- Use the left control handle to move the Tilt Frame forward and back. Pull the control handle to tilt the frame forward towards the Cab and push the control handle to tilt the frame back.
- Use the right control handle to move the Lift Frame up and down. Pull the control handle to lift (up) the frame and push the control handle to lower (down) the frame.



**Figure 3**

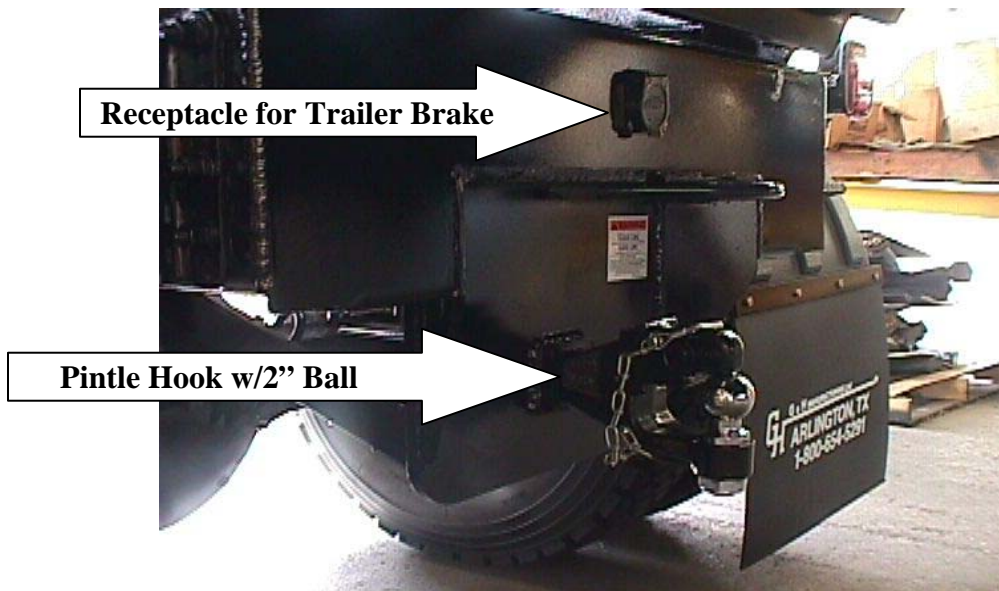
Electric Brake Controller – for mounting location Ref. Figure 2. Refer to Manufacturers manuals for information and operation.

### **Pintle Hook with Hitch Receiver, 2" Ball and Electric Brake Controller**

This option allows the 8000 to pull a Trailer and electrically control the brakes on the Trailer. The electrical receptacle for connecting the Trailer's electrical brake plug is located above the Pintle Hook (Ref. Figure 4).

### **"D" Ring**

This option adds a "D" Ring which is attached to the bottom of the Rotator Frame (Ref. Figure 5). This ring, along with a chain (not included), are used to help load the Trailer onto the Pintle Hook.



**Figure 4**



**Figure 5**  
**SECTION 3: MAINTENANCE**  
**(Minimum Recommendations)**

**Inspections and Schedules**

G & H Manufacturing has developed two inspection forms which indicate the items to be inspected and the frequency of the inspections. It is important for the life of the unit and for warranty purposes that both forms be used as indicated. The forms are as follows:

- Q1021 – Daily Driver Vehicle Inspection Report – CCR
- Q1024 – Preventative Maintenance Inspection Form – 150 HR, 1200 HR, and 2400 HR

A copy of both inspections is included with this manual.

**Torque Specifications for Fittings (Ft.-Lbs.)(Min. – Max.)**

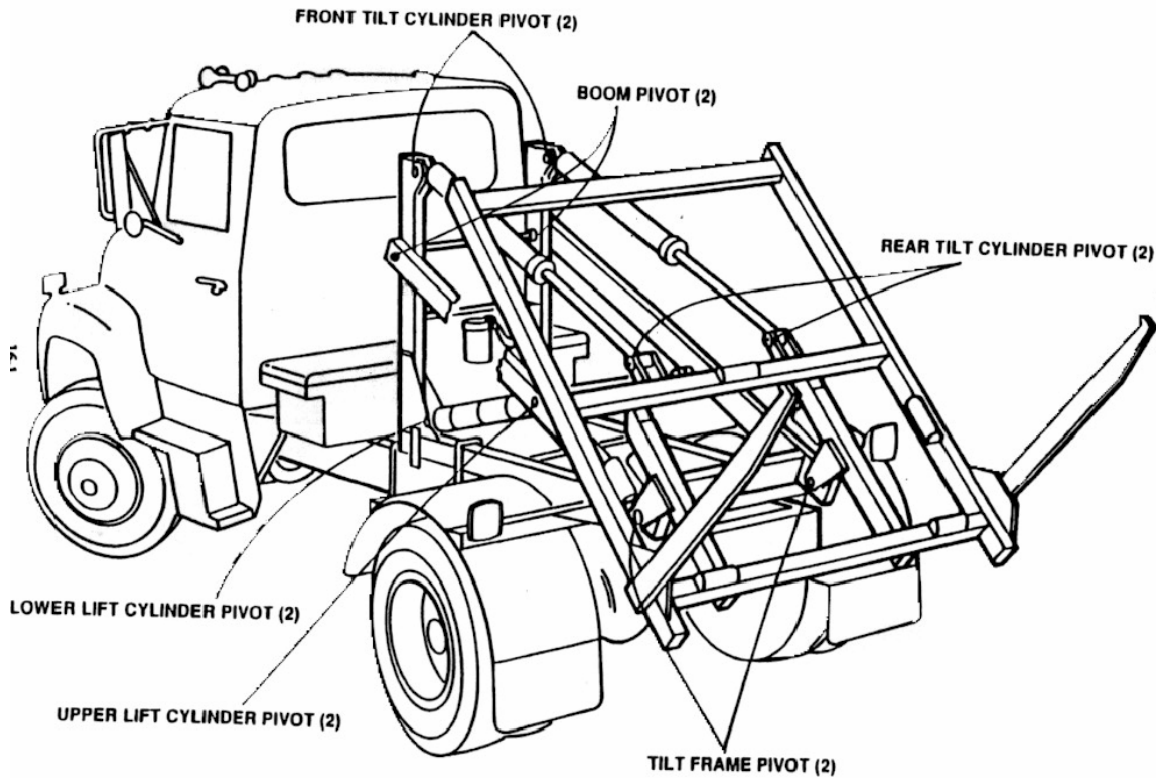
<b>SIZE</b>	<b>37° JIC</b>	<b>FLAT FACE “O” RING</b>
<b>1/4”</b>	<b>10-11</b>	<b>10-12</b>
<b>3/8”</b>	<b>17-19</b>	<b>18-20</b>
<b>1/2”</b>	<b>34-38</b>	<b>32-40</b>
<b>3/4”</b>	<b>70-78</b>	<b>65-80</b>
<b>1”</b>	<b>94-104</b>	<b>92-105</b>
<b>1 1/4”</b>	<b>124-138</b>	<b>125-140</b>
<b>1 1/2”</b>	<b>156-173</b>	<b>150-180</b>

**Pressure Settings**

- Main Hydraulic Control Valve – 1200 at 1500 RPM

## Grease Points

Apply Grease at the points shown in Figure 6 at the frequencies recommended in the Inspection Schedules. Recommended Grease: Heavy Duty EP Grease NLGI2.



**Figure 6**

## Hydraulic Oil

- Recommend ISO Grade 46
- Maintain Hydraulic Oil Cleanliness Level of ISO 18/15/13

**Changing External Filters** (Replace filter element when indicator gauge shows bypass – Red Zone)

**Note:** Be sure that the hydraulic oil in the Reservoir is below the bottom of the filters before removing the filters.

1. Slide the Strap Wrench around the base of the filter and turn counter clockwise to remove.
2. Install new filter turning clockwise to tighten.