



**MODEL M675**  
**ELECTRIC CEILING MOUNTED**  
**LIFT w/STRAPS**

**CAUTION**

- Inspect unit and all components for any loosening that may have occurred during shipping •

**ATTENTION**

- Review entire manual before starting assembly

**ATTENTION**

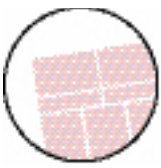
All images and Drawing in this manual may not represent your model. Refer to your particular project for exact specifications

**CAUTION**

- DO NOT USE CLEANERS CONTAINING CHLORINE WHEN CLEANING STAINLESS STEEL •

**ATTENTION**

- REFRIGERATION TO BE INSTALLED BY A LICENSED, BONDED AND CERTIFIED REFRIGERATION INSTALLATION PROFESSIONAL •



**It is important that the information provided in this manual is observed. These instructions should be read carefully and observed fully before installation and initial operation.**

### **WARNING**

It is crucial that any work performed on Mortech Manufacturing Inc. manufactured items are carried out exclusively by skilled professionals who have the respective training. Improper use, maintenance, parts and service, or modification to the equipment may cause injury and/or damage. Use and maintain the equipment only for the purpose described in this manual. Use only Mortech Manufacturing Inc. prescribed approved parts and service. Use the equipment only as designed by Mortech Manufacturing Inc.

### **BLOODBORNE DISEASE NOTICE**

To reduce the risk of exposure to bloodborne diseases such as HIV-1 and hepatitis when using the equipment, follow the disinfecting and cleaning instructions in this manual.

### **RECOMMENDED OPERATING SKILLS AND TRAINING**

#### **- SKILLS**

Operators using the equipment need:

- ☐ A working knowledge of necessary procedures.
- ☐ The ability to carry out necessary service procedures.
- ☐ A complete understanding of the procedures described in this manual.

#### **- TRAINING**

- ☐ Read the this manual as prescribed
- ☐ Be trained on the use of the equipment.
- ☐ Practice with the equipment before using it in regular service.
- ☐ Be tested on their understanding of the equipment operation.
- ☐ Record their training.

### **BEFORE USING THE EQUIPMENT**

Personnel working with this equipment needs to read this manual. Assemble of the unit following set instructions, and perform any pre-service checks to confirm the units operates properly.

#### **INSPECTING THE UNIT BEFORE USE**

Please take time to inspect all shipment prior to signing delivery ticket. If concealed damage is discovered, save the carton and immediately contact carrier agent to initiate claim of damage.

### **! BE SURE TO CHECK**

- Are all components present?
  - Do the moving parts operate smoothly?
  - Is unit draining properly?
  - Are all nuts, bolts, and pins secured in place?
- If unit has an issue contact Mortech Manufacturing Inc.

### **Range of Environmental Condition**

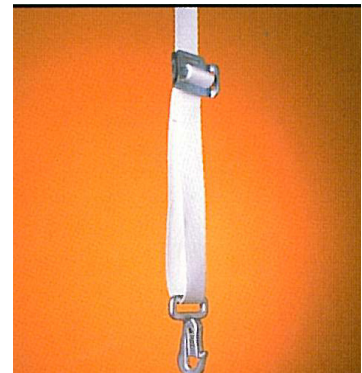
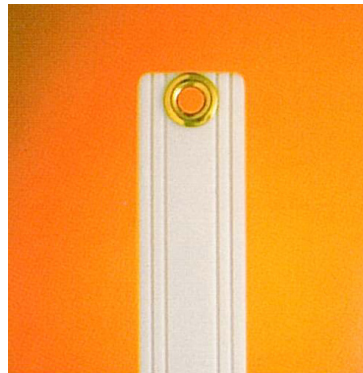
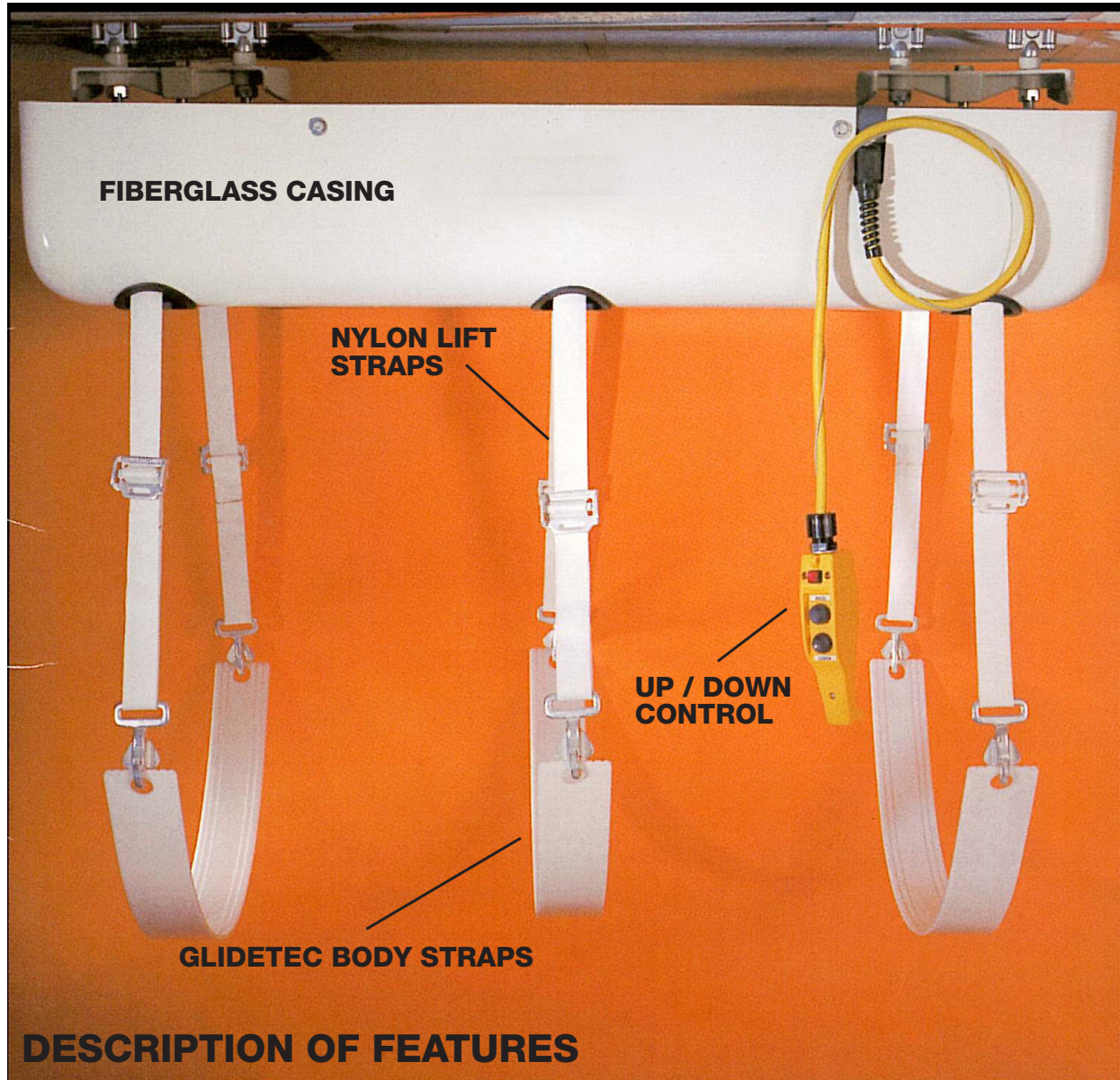
Mortech Manufacturing. Inc. equipment shall be placed in a controlled environment (housing or housed unit) hindering the weathering effects on the installed units. The equipment will have minimal corrosive and eroding factors that can break down the stability and operation of Mortech Manufacturing Inc. equipment. The impact on the equipment by the operator utilizing water or corrosives in the medical procedures can be controlled and responsibility for the cleaning and maintenance placed upon that person. The effects of anthropogenic (man-made) gasses on the environment, such as carbon dioxide (CO<sub>2</sub>) that will be omitted from the unit should be minimal.

*Due to continuous innovation and product development this installation guide is subject to change without notice.*

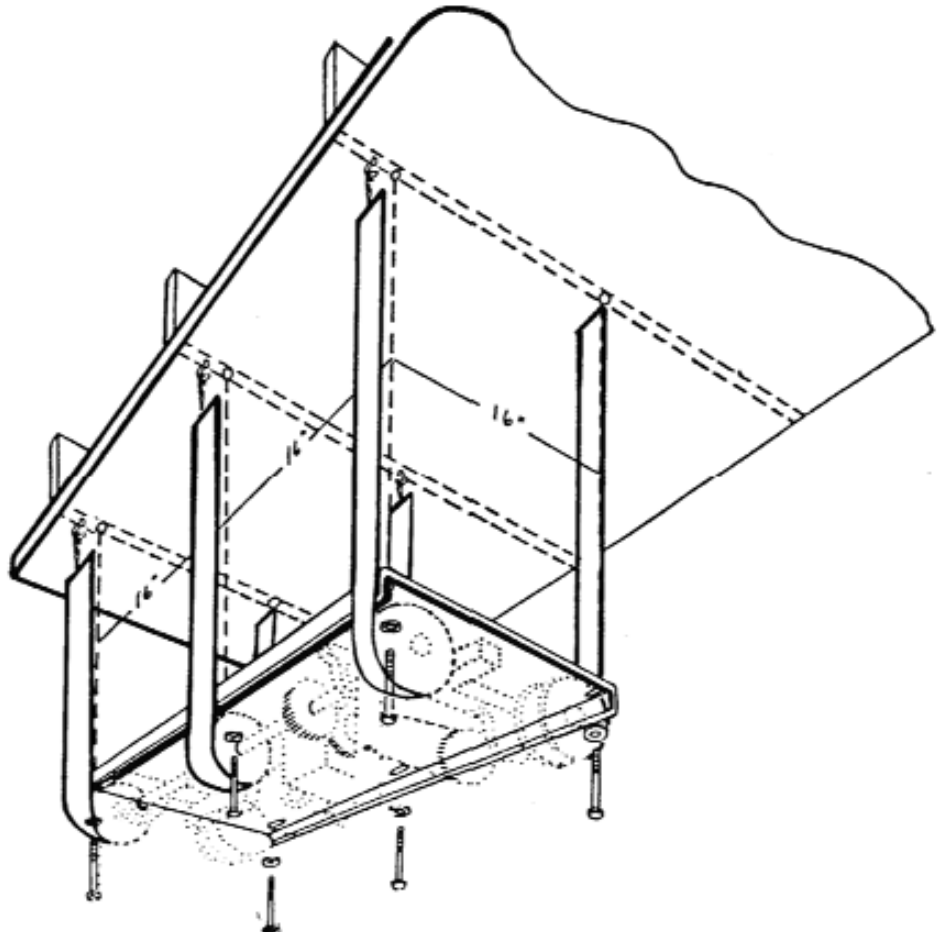
**Please save these instructions for later use.**

### **ATTENTION**

**Read all manuals and notes on installation of the unit before attempting installation or assembly**



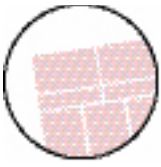




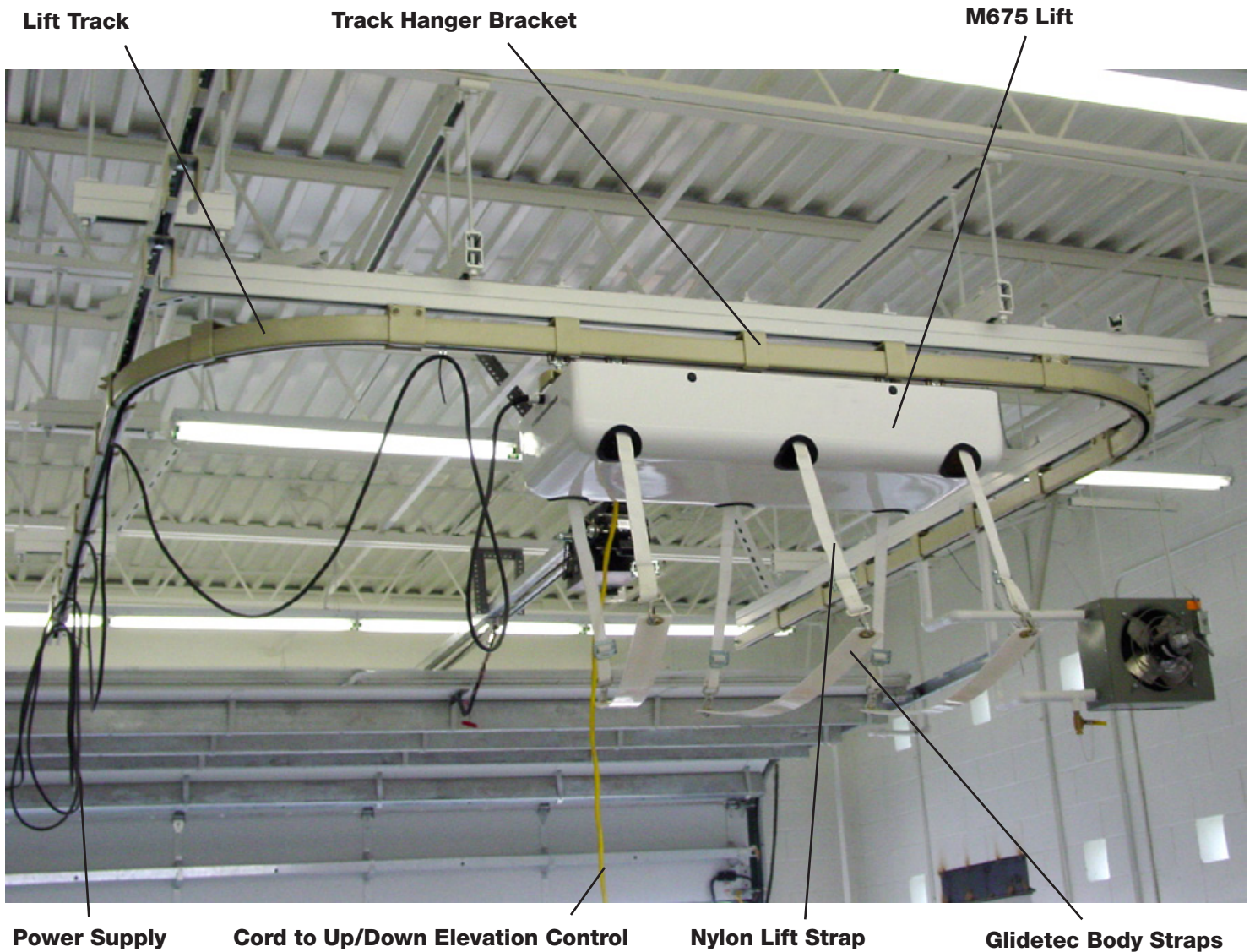
### STATIONARY INSTALLATION on a Wood Joist Ceiling

- 1.) Locate ceiling joists and drill four or six 1/4" holes (depending on your joist spacing) for 3/8" lag screws approximately 2" deep on 16" centers.
- 2.) Place 4 or 6 large eye lag bolts 6" outside the previously drilled lag screw holes as shown.
- 3.) While the machine is still on the ground, plug the machine in and unwind straps until fully extended and they begin to rewind in opposite direction.
- 4.) Flip the machine so that the motor and components are touching the floor.
- 5.) Connect extended straps to eye bolts and lift the hoist to the ceiling by pressing the down button on the remote or pendant (this keeps the hooks on the machine from jamming or catching in the machine spools while lifting).
- 6.) In securing the hoist to the ceiling it is very important to keep the frame level and not to conform to the irregularities of the ceiling.
- 7.) After installation, these straps will need to be extended and rewound so that the straps are coming off of the spools on the outside edge (as it was when shipped).





**DESCRIPTION OF FEATURES - TRACK MOUNTED UNIT**



## OPERATING INSTRUCTIONS

**GLIDETEC BODY STRAPS:** (Figure-1) These are the white plastic straps that are 36" in length. They are to be used when lift remains. Place one strap under the shoulder region, one under the buttock/lower back region, and one under the knee region. To place these straps under the body two techniques may be use.

- 1.) Start from either the left or right side of the remains, take one end of the straps and push it under the selected region.
- 2.) Start from the head region and shimmy the strap down the length of the remains. This is the preferred technique in larger cases.

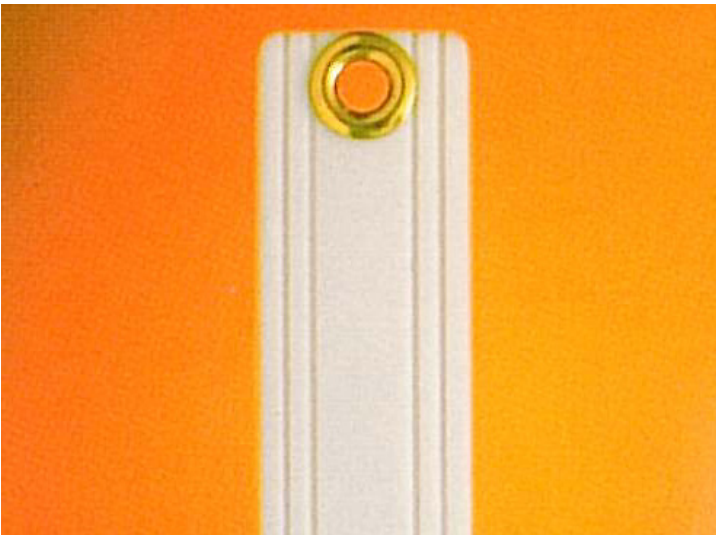


Figure-1

### TIPS

- A.) Always use straps with the ridges touching the remains.
- B.) Sliding a strap under the knee region and lifting with the machine will help when trying to slide a strap under the buttock/lower back region.
- C.) When dressing, sliding on strap under the shoulder region and lifting the remains will allow enough room under the remains to help with dressing or garment adjustment.

**HEAD SLING:** (Figure-2) This is the eye shaped fabric/plastic piece which has nylon webbing sewn to it. The webbing can be adjusted to accommodate your needs. The hooks on the head sling are to be attached to the two rings that are attached to the two white nylon straps at the head end of the machine.

**BLACK NYLON CASKET STRAPS:** These are the black nylon straps, which are 8 feet in length and have a metal D ring at each end. These are to be used when lifting a casket.

The recommended way to lift a casket is to:

- 1.) Lock the casket closed.
- 2.) Attach one end of the black nylon casket strap to



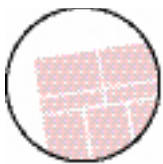
Figure-2

the corresponding white nylon strap hanging from the machine.

- 3.) With the free end of the black nylon casket strap, weave up and between the casket side bar and the casket, making sure you are between the end hinge and the middle hinge (hinges connect the side bar to the casket).
- 4.) Bring the casket strap over the top of the casket.
- 5.) Weave the strap down the other side between the casket and casket side bar. Again, making sure you are between the end hinge and the middle hinge.
- 6.) Bring the casket strap up on the outer side of the casket side bar.
- 7.) Attach the free end of the casket strap to the corresponding white nylon strap hanging from the other side of the machine.
- 8.) Continue to do the same for the other two casket straps.
- 9.) Once this has been done to all three straps, you are ready to lift the casket.

**DO NOT LIFT CASKETS THAT DO NOT HAVE A CENTER HINGE THAT CONNECTS THE SIDE BAR TO THE CASKET.**





## Operation

## M675 Electrical Ceiling Mounted Lift

### TO OPERATE:

The lift is capable of raising and lowering deceased remains and caskets. To raise remains secure all GLIDETEC straps under the remains and to the white nylon straps.

Press the raise button on the ONE TOUCH CONTROL UNIT. To lower remains press the lower button on the ONE TOUCH CONTROL UNIT.

### CAUTION:

- 1.) Never lift live humans with the lift.
- 2.) Never lift human remains more than three feet above the casket or preparation table unless they are in a locked casket.
- 3.) Never lift a casket from on floor to the next without first locking the casket closed.
- 4.) Only use the black nylon casket straps to lift caskets.
- 5.) Never place black nylon casket straps under the casket. Always go over the top of the casket.
- 6.) Never use the lift to lift a casket that does not have a middle hinge.
- 7.) Never lift anything that is not human remains or a casket.
- 8.) Never stand under the machine when there is a body or casket on it.



**WARNINGS AND MAINTENANCE INSTRUCTIONS**  
**FAILURE TO READ, UNDERSTAND AND FOLLOW**  
**THESE USE AND INSPECTION INSTRUCTIONS MAY**  
**RESULT IN SEVERE PERSONAL INJURY OR DEATH.**

### Nylon Lift Straps

INSPECTION: Remove straps from service if any of the following damage is visible. Never attempt to make temporary strap repair.

- 1.) Melted or charred spots
- 2.) Cuts, tears, holes, snags, or embedded particles.
- 3.) Broken or missing stitches in load bearing splices.
- 4.) Excessive abrasive ware.
- 5.) Knots in any part of the straps
- 6.) Any other visible damage which causes doubt as to strength and safety.
- 7.) Hooks or buckles are cracked or damaged in any way.
- 8.) Damaged eyes or deformed fittings.

### Glidetec Body Straps

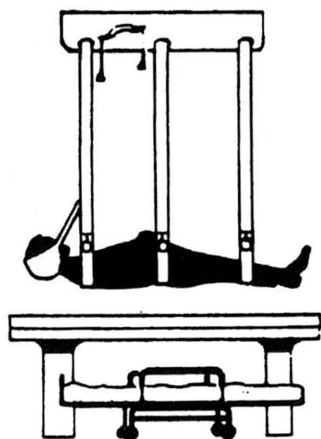
INSPECTION: Remove straps from service if any of the following damage is visible. Never attempt to make temporary repair.

- 1.) Stretching or tearing of plastic is visible
- 2.) Cracking of plastic is visible.
- 3.) Excessive abrasive ware.

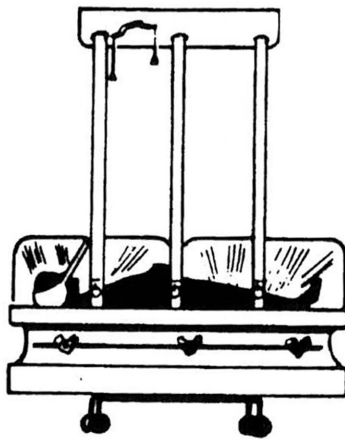
### Gears, Pillow Block Bearings, and Chain

INSPECTION: Discontinue using the Mortuary Lift if any of the following signs occur.

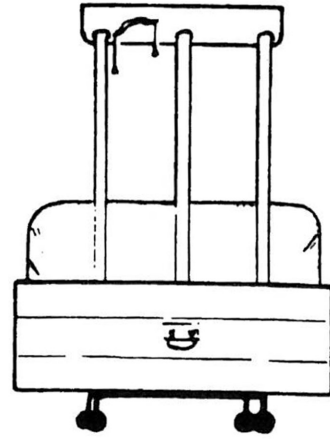
- 1.) Slipping of gears.
- 2.) Sudden dropping.
- 3.) Vibration and/or jerking or rough lift and lowering.
- 4.) Loud noises during operation
- 5.) Grinding noise during operation.
- 6.) Uneven lifting.



**LIFTING  
& DRESSING**



**CASKETING**



**SHIPPING**

**MAINTENANCE GEARS:** Grease gears with white lithium grease yearly.

**MAINTENANCE PILLOW BLOCK BEARING AND CHAIN:** Oil pillow block bearings through the grease fitting at the top of the pillow block. Wipe and then oil chain yearly.

### **Transmission**

**INSPECTION:** Discontinue using the Ultimate 1000 Lift if any of the following signs occur.

- 1.) Excessive oil leaking.
- 2.) Slipping of gears.
- 3.) Sudden dropping.
- 4.) Noticeable vibration.
- 5.) Jerking or rough lift and lowering.
- 6.) Loud noise during operation.

### **MAINTENANCE:**

If you use your lift less than once a day, you only need to add 600 weight transmission oil to it every 1 to 2 years and change the oil every 3 years.

### **ADDING OIL TO TRANSMISSION**

- 1.) Locate the transmission box which is square metal box attached to the metal base of the machine.
- 2.) Locate the breather plug or the square headed screw located near the base of the machine and remove. This hole will be where oil will be added.
- 3.) Add 600-weight cylinder oil with a syringe through the hole.
- 4.) Replace breather cap or the square headed screw.

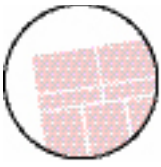
### **CHANGING TRANSMISSION OIL**

- 1.) Locate the transmission box which is square metal box attached to the metal base of the machine.
  - 2.) Place pan under the transmission.
  - 3.) Loosen bottom plate of transmission. Oil will spill out.
- CAUTION: OIL MAY BE HOT.**
- 4.) Tighten bottom plate to transmission.
  - 5.) Using a syringe, Add 600-weight cylinder oil through the hole of the breather plug or square headed screw (located on the transmission near the metal base of the machine). The breather plug or square headed screw must be removed first.
  - 6.) Replace breather plug or square headed screw.



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## Warranty

## **M675 Electrical Ceiling Mounted Lift**

### WARRANTY

Mortech Manufacturing, Inc. warrants all fabrications to be free of defects due to its own workmanship and materials.

#### **CONTINENTAL UNITED STATES:**

Repair and/or replacement of parts furnished that may develop such defects, will be warranted for a period of one year parts replacement and 90 days labor from the date of shipment. Items not manufactured by Mortech Manufacturing will receive the manufacturer's warranty.

#### **INTERNATIONAL:**

(For validation of warranty, installation location (physical address) required) Replacement of parts furnished that may develop such defects, will be warranted for a period of (18) months from the date of shipment. Shipping and Labor is not warranted. Items not manufactured by Mortech Manufacturing, Inc. will receive the manufacturer's warranty.

#### **PARTS AND SERVICE**

Customer relations and product support are important aspects of Mortech Manufacturing, Inc.

For assistance with this or any of our fine products please contact us below:

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### **CAUTION**

- **Inspect unit and all components for any loosening that may have occurred during shipping •**

### **ATTENTION**

All images and Drawing in this manual may not represent your model. Refer to your particular project for exact specifications

### DISCLAIMER

This manual contains general instructions for the use, operation, and care of this product. The instructions are not all inclusive. Safe and proper use of this product is solely at the discretion of the user. Safety information is included as a service to the user. All other safety measures taken by the user should be within and under consideration of applicable regulations. It is recommended that training on the proper use of this product be provided before using this product in and actual situation.

Retain this manual for future reference. Include it with the product in the event of transfer to new users. Additional free copies are available upon request from Customer Relations.

Mortech Manufacturing, Inc. has made every effort to ensure that this Manual is accurate; Mortech Manufacturing, Inc. abdicate liability for any inaccuracies or omissions that may have occurred.

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