

L3001 Rev. B 03/20

1.0 IMPORTANT RECEIVING INSTRUCTIONS

Visually inspect all components for shipping damage. Shipping damage is not covered by warranty. If shipping damage is found, notify carrier at once. The carrier is responsible for all repair and replacement costs resulting from damage in shipment.

2.0 SAFETY PRECAUTIONS



DANGER: HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH.



DANGER: Failure to follow the instructions and precautions contained in this document will result in death or serious injury.



WARNING: Lockout power before beginning control box installation procedures or before performing any inspections, adjustments, maintenance or repairs.

Failure to observe these precautions may result in serious personal injury or death!

- Lockout power to control box before removing or installing fuses or making load side connections.
- Lockout power to control box before performing any wiring or service work on or inside the box.
- Never operate energized control box with door open. Never disable the door interlock (if present).
- Wear and use appropriate personal protective equipment (PPE) and follow safe electrical work practices during control box installation.
- Before operating the controls, be absolutely certain that there are no persons or objects in the path of the UNI-LIFT® screw jack(s) being controlled or the load(s) being raised, lowered or moved.
- Contact UNI-LIFT® before incorporating UNI-LIFT® products into a man lift or other people moving device (special design requirements apply).

3.0 INSTALLATION

- The control box and related electrical equipment must be installed and serviced only by trained and qualified electricians in accordance with all applicable codes and regulations.
- The control box is manufactured by a UNI-LIFT® approved supplier. Manufacturer's instructions and/or wiring diagrams may be packed inside the shipping carton. If present, refer to these materials during installation procedures.
- Be sure that control box components are properly sized for the motor being used. Be sure that the motor is specified in accordance with the stated requirements contained in the UNI-LIFT® Screw Jack Catalog 502.



Note: Control box shown above is typical. However, appearance and controls will vary, depending on model ordered.

IMPORTANT: UNI-LIFT® recommends the use of limit switches or other appropriate controls to stop the motor when the screw jack has reached its fully extended or retracted position. The use of solid mechanical stops alone is not recommended. Their continued use can cause severe damage to the UNI-LIFT® screw jack and other components in the system. Limit switches are available from UNI-LIFT® as accessories.

- Comply with and adhere to all applicable safety codes for your area, such as: building codes, elevator codes, AISC Steel Construction specifications, and applicable regulations and standards (including OSHA Title 29, Chapter 1910-219 and ANSI B15.1).

Note: Applicable safety codes, regulations and standards will vary depending on country and local requirements.

- Test for proper operation before placing the UNI-LIFT® system into service. Verify that all control box switches and functions operate correctly.
- Contact UNI-LIFT® at sales@uniliftjacks.com if there are any questions or concerns about how to operate or install this product.