

**Owner's Manual**



Website: [www.copperhouseholdings.com](http://www.copperhouseholdings.com)

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## General Information

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### About the product

The High-Lifter 625 is designed and built to make the most demanding tasks easy and safe. With class leading travel a care giver can easily transfer from an emergency floor situation to chair or bed. The standard power leg opening actuator makes it effortless to maximize a stable secure platform to suit your working environment.



## General Information

### Safety Information



**WARNING:** Do not exceed weight capacity of lift.



**WARNING:** Untrained people can cause injury or be injured. Only trained persons to operate the lift. Referred to owner's manual for safe operation. Improper operation can cause injury.



**WARNING:** inspect sling visibly prior to each use to ensure sling is the right type, size and design to handle lifting the patient. Inspect the sling for damage, torn or worn, discolored past its useful life (i.e. single patient for a disposable sling); that the sling's straps are correctly attached to the spreader bar, and that the sling is tested with resident in it at 1-2 inches over chair or bed prior to doing a full transfer. As well as doing a visible inspection of the spreader bar to ensure all bolts are tight. Never leave a patient unattended in a lift.



**WARNING:** An actuator failure may cause serious injury. Comply with actuator service inspections requirements.



**WARNING:** Operator shall maintain control of the lift. Operate the controls, and direct any helpers. Helpers can cause injury or be injured.

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Improper maintenance including, without limitation, improper actuator inspection and replacement can cause serious injury. Poor lift condition can cause serious injury. Maintain the lift only as described in this manual  
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Improper parts / service can cause injury and void warranty. Use only **Copper House Holding Medical parts and Copper House Medical approved items on the lift.**



**WARNING:** See manual for Charging the lift batteries. Electric shock can cause death or serious injury.



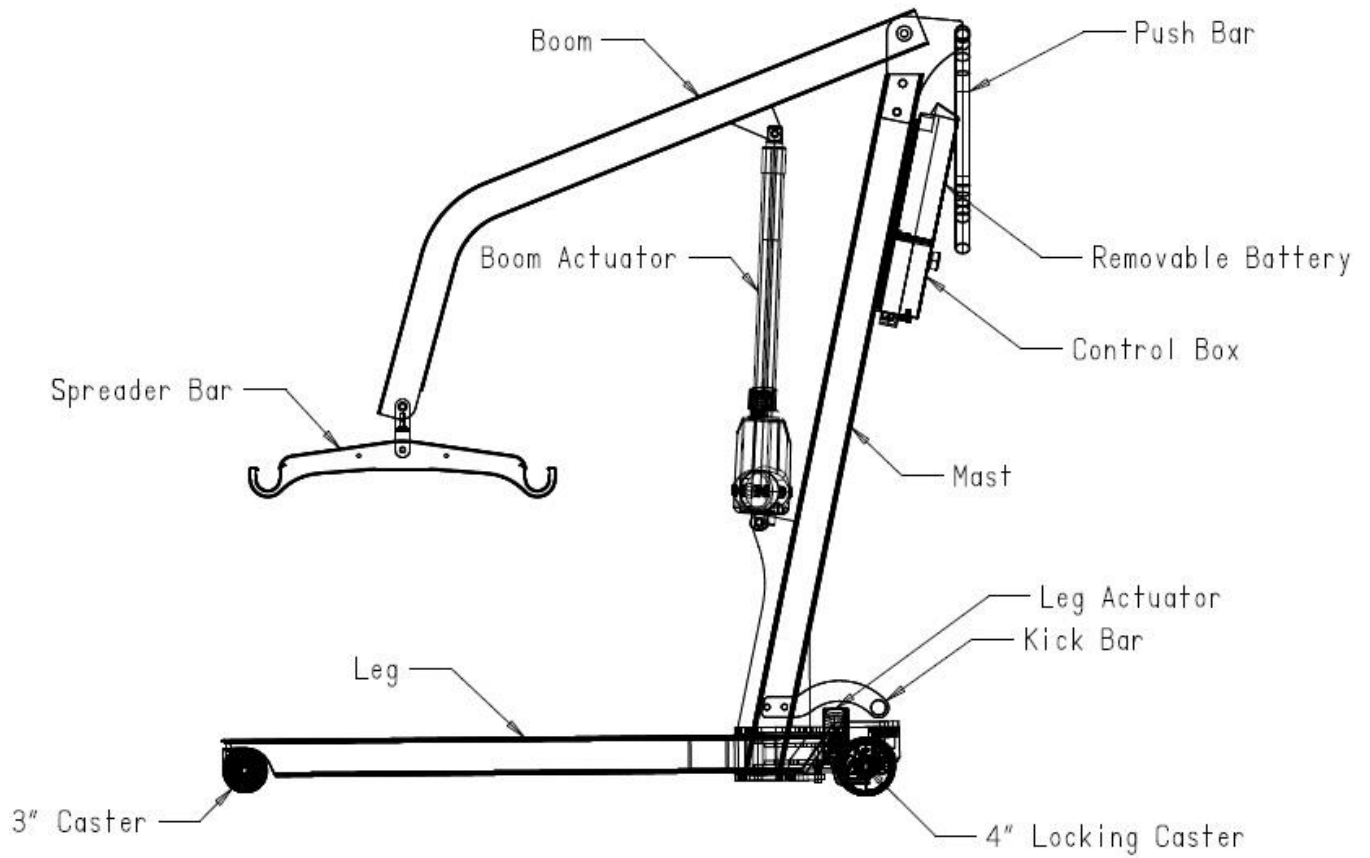
**WARNING:** Improper use can cause the lift to tip when transporting a resident if the lift makes a sudden stop during forward motion.

## Parts Designation

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### Safety Information

### Componet Description



## Product Description

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### Functions

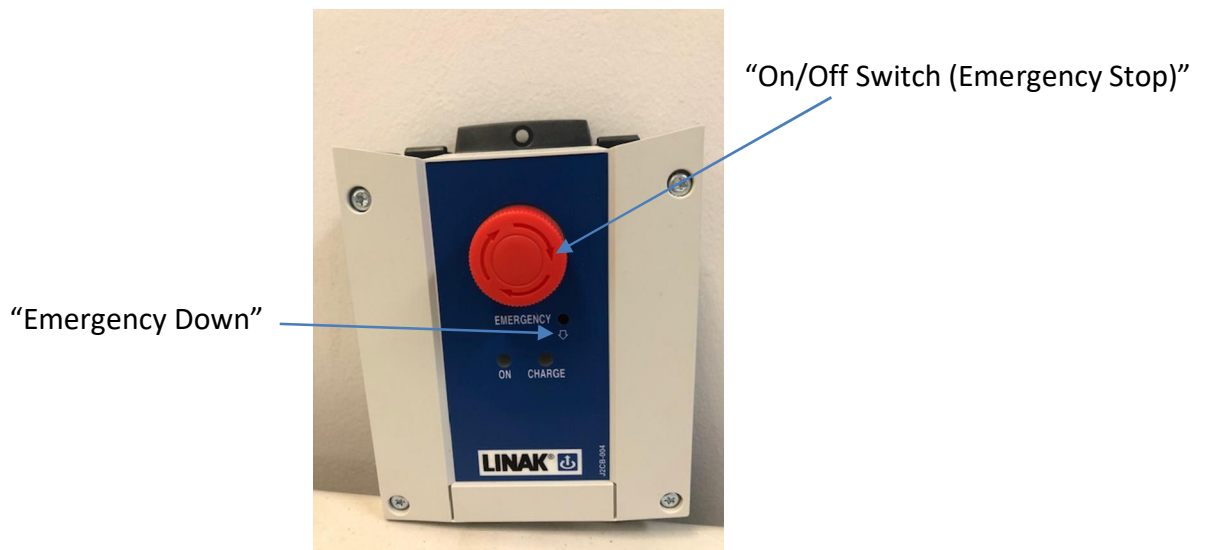
#### On/Off Switch (Emergency Stop)

To turn power on, rotate the red button to the right (clockwise) a quarter of a turn. This will allow the button to pop upward. Then press any function button. Simply push the red button down to turn power off. This switch is also used in the case of an emergency. The lift can be stopped immediately by pressing the red button down.

#### Battery Level / LED Display

The 5 LED display on the Mast Control Box provides two types of information to the caregiver.

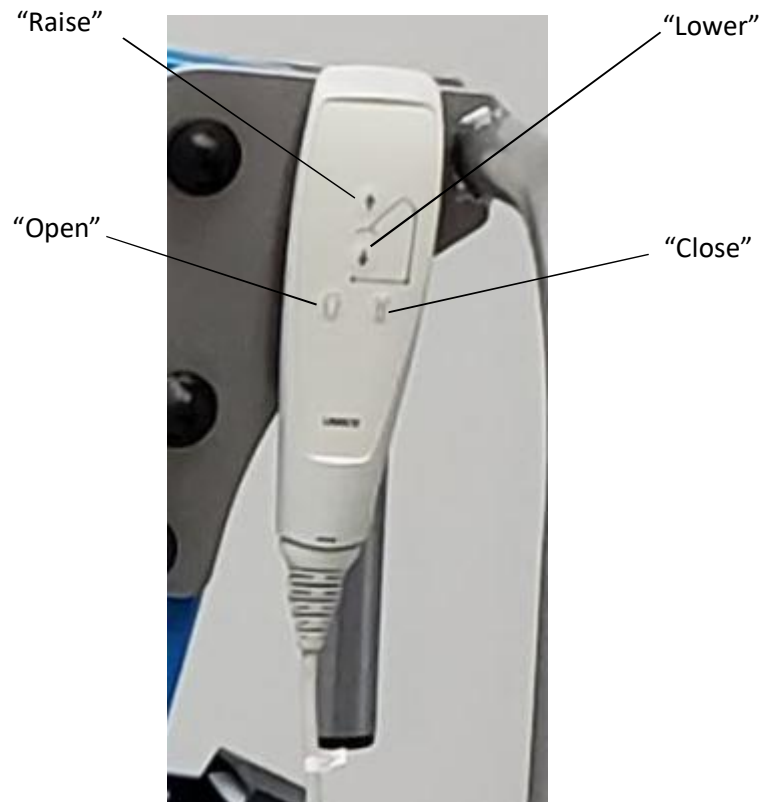
- When the lift is on but not in operation, it displays battery capacity. The reading should always be in the “green zone”. If the level falls between yellow and red, an alarm will sound and the lift should be charged immediately. The “Smart Charge” battery charger included with your lift makes overcharging impossible. Batteries will become permanently depleted if frequently drained into the yellow or red zones.
- By using the “smart” electronics, the battery percentage and any history of low charges can be seen. This can address non-charging compliance issues.



## **Product Description**

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Press the upper left button on the pendant to raise the boom. To lower the boom, press the upper right button. To widen the lift base, press the lower left pendant button. To close the base, press the lower right-hand pendant button.



## Product Description

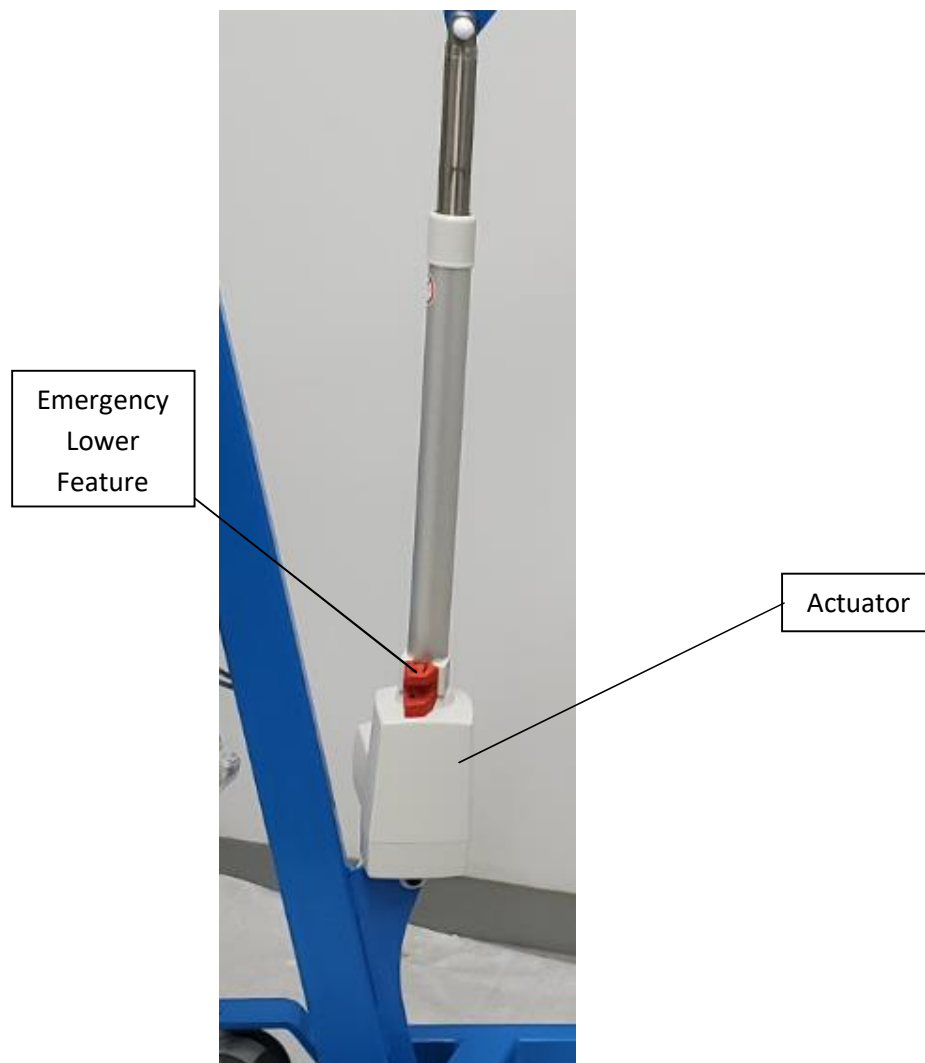
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### Safety Features

In the event the actuator will not retract and the resident is suspended, raise a bed or chair high enough to safely support the resident to allow you to detach the sling. If this is NOT possible, then position the resident over a bed or chair and gently lift upward on the red emergency down lever until the actuator starts to retract. Release the lever when the resident is supported enough to safely detach the sling.

Where possible raise the bed or chair to the highest position, reducing the amount of travel time needed by the emergency lowering feature.

For High-Lifter, there will rarely be enough weight on the actuator from the resident/patient so additional downward pressure may need to be applied to the boom to begin lowering.





## Lifting a Patient

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### Battery

#### Battery Charging

1. Choose a suitable, safe location to place the lift near an AC power outlet.
2. Lock the rear casters.
3. Extend the power cord and plug into a 110V AC power outlet.
4. Charge the lift for at least four hours before returning it to service. (If batteries have been completely depleted).
5. Relocate the AC cord to its storage area on the lift.



**IMPORTANT:** Fully discharging the batteries reduces battery life. Charge the batteries regularly.



**IMPORTANT:** The lift should be charged whenever it is not in use. Never move the lift while it is being charged. Doing so will result in damage to the lift.

#### Charging the removable battery

1. If your lift is equipped with a removable battery pack system, remove the depleted battery from the lift by lifting it straight up and then pulling it away from the lift.
2. Replace with a fully charged battery.
3. Charge depleted batteries by mounting in the wall mounted charging station.

## Lifting a Patient

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### Raising a patient

1. If the patient is being lifted from transfer chair or a wheelchair, make sure brakes on the chair or bed are locked.
2. Turn the ON/OFF switch to the "ON" position (Large red button "up").
3. Ensure the patient is in the right position when being lifted.
4. Press the down button on the hand control, to position the beam and spreader bar in its usable position for patient lifting.
5. To lift the patient in a seated position, use a shorter set of loops at the shoulders and a larger set of loops at the legs. This places the resident's head higher than their legs.  
(Patient must have some upper body strength to be in seated position or risk of falling out is possible.)
6. To lift in a reclined position, use a longer set of loops at the shoulders and a shorter set of loops at the legs. This will allow the resident's head to be level with their legs.
7. Attach the back loops to the hanger by slipping the right back loop over the right back hook and the left back loop over the left back hook.



**IMPORTANT:** Lift resident/patient 1-2 inches over bed or chair, stop and then check that all straps, sling fabric and loops are secure and ensure the patient is comfortable.

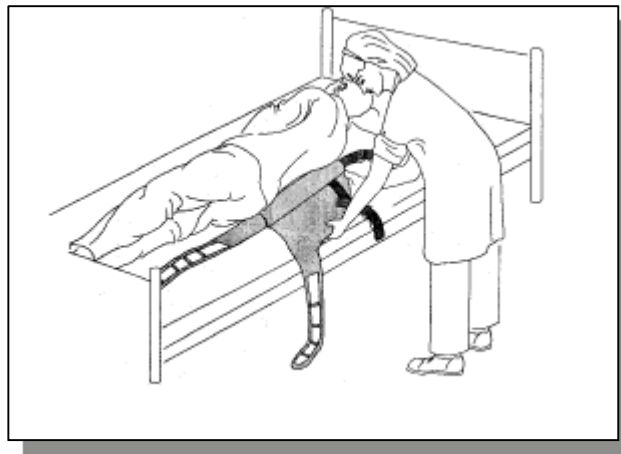


**IMPORTANT:** Wrong sling size can allow patients to fall out.

## Lifting a Patient

### Lowering a Patient to a Bed

1. Roll the legs under the bed, and position the resident over the bed. Making sure the bed wheels are locked.
2. Raise the bed rail on opposite side of bed (if applicable)
3. Lower the resident slowly to the bed. Once the resident is fully supported by the bed and the sling loops become slack enough to be unhooked from the side bars, disconnect the sling from the lift.
4. Log roll the resident away from you. Roll the exposed half of the sling in half
5. Lay the resident flat again, then roll them toward you and remove the sling
6. Lay the resident flat again. Raise the bed rail on your side of bed (if applicable)



**IMPORTANT:** There will always be enough battery power to lower a patient in case the batteries are exhausted with a patient in the lift. This is an equipped safety feature of this lift.

## Lifting a Patient

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### Lift Legs Position

Legs **SHOULD** be opened at the following times:

- “ To allow access around chairs, toilets or other impediments.
- “ To increase stability particularly with heavier patients.
- “ It is recommended to have legs open when lifting or lowering if possible, though not required except as set forth below;

Legs **MUST** be opened at the following times:

- “ For use with a walking harness
- “ For patients who are active or swing around in the lift.



**WARNING:** FAILURE TO ADHERE TO THE FOLLOWING PRECAUTIONS ON MOBILE LIFT LEG POSITIONING CAN RISK SERIOUS INJURY TO BOTH PATIENTS AND MEDICAL STAFF.

### Transporting a Patient

1. Ensure the lift is on a smooth, unobstructed surface when transporting a resident.
2. Should have two attendants when transporting a resident.
3. Move the lift by holding the push handles and pushing in the desired direction.
4. **Do not** move lift by pushing or pulling boom.
5. Slings have side handles to aid in stabilizing during transporting.

## Maintenance & Care

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### Maintenance Information

High-Lifter 625 are subject to wear and tear. Inspect and adjust the lift upon receiving. Daily, monthly, and yearly inspections and adjustments are to be done by a qualified technician. Inspections are required to uncover signs of damage, wear, or potential failure. Inspections should be recorded and include, but not limited to, the date, model and serial number, findings, corrective measures, date of inspection, name, and signature of the person performing the inspection. Should an inspection uncover any issues that could cause an accident and/or injury, the lift is to be removed from service immediately. The lift shall remain out of service until it's repaired by qualified personnel. All inspection records should be saved for future reference.



**WARNING:** MAINTENANCE AND SERVICE MUST BE DONE BY A QUALIFIED TECHNICIAN, FULLY TRAINED IN SERVICING PROCEDURES BY Copper House Holdings Inc.

## Cooper House Holdings -High Lifter 625 Inspection Checklist

Date: 2/4/2020 Model #: \_\_\_\_\_  
 Facility: \_\_\_\_\_ Serial #: \_\_\_\_\_

Component	Pass	Repair	Comments
<b>ACTUATOR</b>			
Inspect actuator mounting points for cracks or defects			
Inspect actuator inner and outer tube for any damage			
Inspect actuator housing for any damage			
Inspect actuator for excessive noise			
Inspect actuator for convulsive movement			
Test lift actuator anti-entrapment			
Test lift actuator Emergency Down function			
<b>OPERATIONS</b>			
Test caster locking function			
Test caster maneuverability			
Inspect leg opening actuator (if applicable)			
Test leg open / close function			
Inspect tie rods / leg motion assembly			
Check spreader bar condition			
Check spreader bar retaining clips (if applicable)			
<b>ELECTRICAL</b>			
Test scale (if applicable)			
Test battery output			Voltage readings:
Test charger output			Voltage readings:
Test primary control functions			
Test secondary control functions (if applicable)			
Inspect power cord			
<b>MISCELLANEOUS</b>			
All fasteners present and properly torqued			
Are all components present?			
Is there any visual damage?			
Inspection sticker			
<b>OTHER RECOMMENDED INSPECTION POINTS</b>			

Inspector: \_\_\_\_\_

Notes: \_\_\_\_\_

## Trouble Shooting

Problem	Solutions
The lift does not operate	<ul style="list-style-type: none"><li>• Make sure the lift is not plugged in</li><li>• Check the On/Off button. Twist E-Stop button to turn on</li><li>• Test Hand Control. If no functions, replace</li><li>• Charge the battery</li></ul>
Lift does not charge	<ul style="list-style-type: none"><li>• Check the wall outlet</li><li>• Ensure AC cord is plugged into the charger</li><li>• Check connections on battery terminals</li></ul>
Raising or lowering / Opening or closing legs not working	<ul style="list-style-type: none"><li>• Make sure the lift is charged.</li><li>• Check actuator clevis for breaks. If broken, replace actuator.</li><li>• Test hand control. If no functions; replace.</li></ul>

## Warranty

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### Limited Warranty

Copper House Holdings warrants that its products are free from defects in materials and workmanship under normal use as specified in the operations manual for two (2) years. Labor is warranted for one year. The general warranty period does not include the following components, which have specific warranty periods:

- Actuators (two years, but no freight or labor after the first year),
- Batteries (ninety days),
- All electrical components hand controls (two year)

The warranty period for repaired or replaced products continues the original warranty coverage period which started from the original date of purchase.

### Exclusions

Warranties will be in effect if the product has undergone standard preventive maintenance by a certified technician and the preventive maintenance is documented to have occurred at no more than yearly intervals. This limited warranty applies only to the products sold in the United States and Canada, and does not apply to equipment that has been damaged or rendered defective because of:

- Acts of God, accident, misuse, neglect or abuse
- Use of parts not manufactured or old by
- Modification without the written permission of
- Service by anyone other than or an authorized agent
- Transit, neglect, misuse, power surge or operating environment
- Failure to operate in accordance with manufacturer's guidelines or any other improper operation or maintenance, or
- Any other cause not directly and primarily caused by defective material, workmanship or design

Replacement products or components will be invoiced as a replacement product or component, including freight. Upon receipt of parts by Copper House Holdings, authorized to be returned, the replacement product or component will be fully credited if it is determined that the component is under warranty. This determination is at the sole discretion of the company.



Service performed as a result of these conditions will be subject to charges for labor, transportation, shipping and replacement parts. Examples of misuse include, but are not limited to cracked hand controls, cracked shrouds, electrical wires pulled from the unit and others.

### **Warranty Process**

Customers can contact Copper House Holdings via Email to inquire whether a product is under warranty.

- Email: [info.copperhouseholdings@gmail.com](mailto:info.copperhouseholdings@gmail.com)

Copper House Holdings shall determine whether and how the Warranty applies including whether it shall:

1. Request the original purchaser ship the product prepaid freight to Copper House Holdings for inspection and determination of warranty coverage,
2. Ship replacement parts to authorized service personnel for replacement,
3. Make some other arrangement, or
4. Deny warranty coverage.

Before a product or component that is believed to be faulty is returned interaction with Copper House Holdings service expert must take place to diagnose the issue and receive further instruction on processes to perform to rectify the problem.

If it is determined that the product or component is to be returned to the following conditions must be met:

- A RA (return authorization) is required and will be supplied by, Copper House Holdings.
- The product must be in its original packaging or packed sufficiently well so that no further damage to the product or component can occur during shipping.
- A shipping address will be provided by Copper House Holdings.

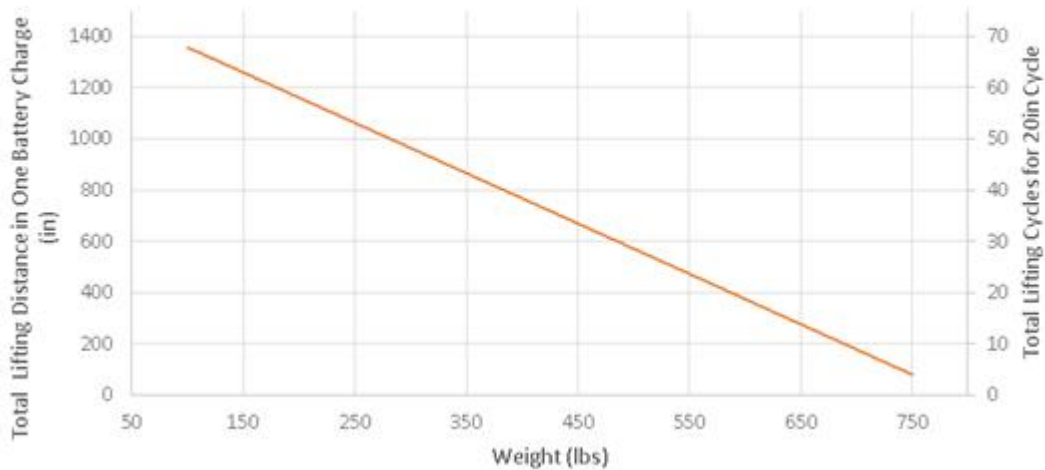
Products will be repaired at no cost if the product is under warranty. The company will repair the product with new or refurbished to be functionally equivalent to new parts. All parts replaced in the performance of service shall become the property of Copper House Holdings Inc. The product cannot be exchanged with a new product and the product cannot be refunded

## Technical Specifications

### Product Information

Operation:	Electric Actuator
Safe Working Load:	Model High-Lifter 625 : 625lbs (284kgs)
Front Casters:	3"
Rear Casters:	4"
Power Source:	24V Removable
Charger:	24V CSA/UL Approved
Overall Weight:	110 lb / 50 kg
Construction:	Rectangular Steel Tubing
Finish	Polyester Powder Coat, Baked
Emergency Stop Switch	Standard
Emergency Up/Down Switch	Standard
Anti-Free Wheel Safety System:	Standard
Remote Hand Controller:	Standard
Warranty:	2 Year Electronic, 5 year Frame

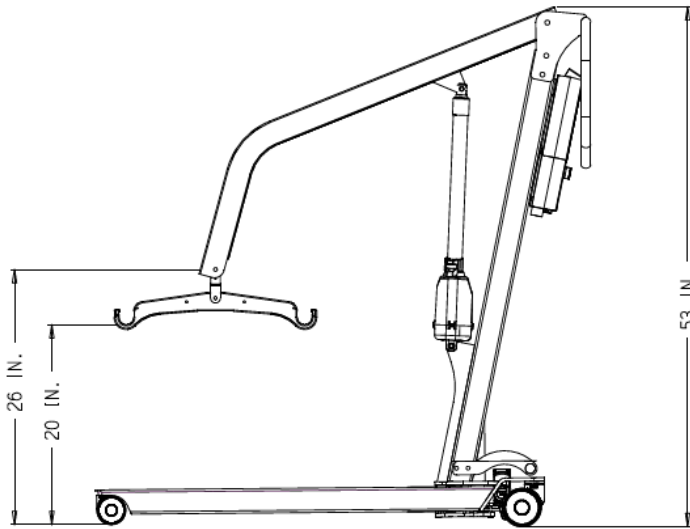
### Battery Performance



# Technical Specifications

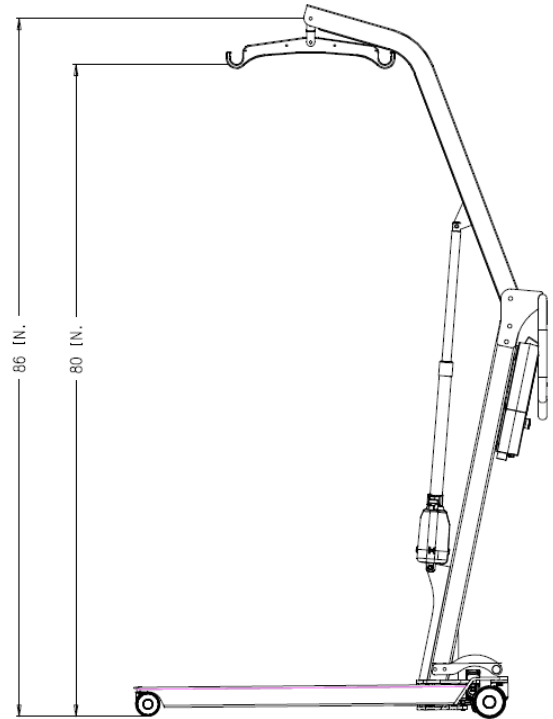
## Lift Dimension

Boom Retracted



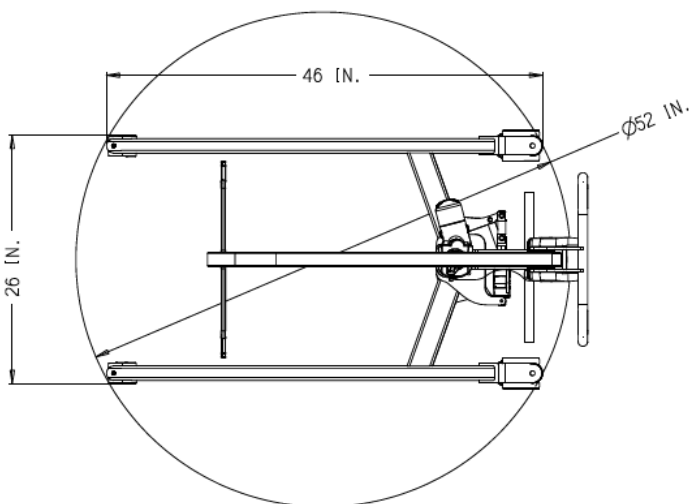
High-Lifter, 2 points spreader bar

Box Extracted



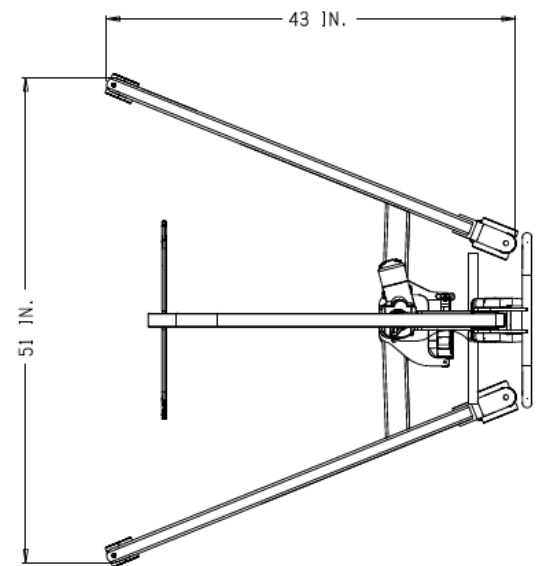
High-Lifter, 2 points spreader bar

Legs Closed



High-Lifter, 2 points spreader bar

Legs Open

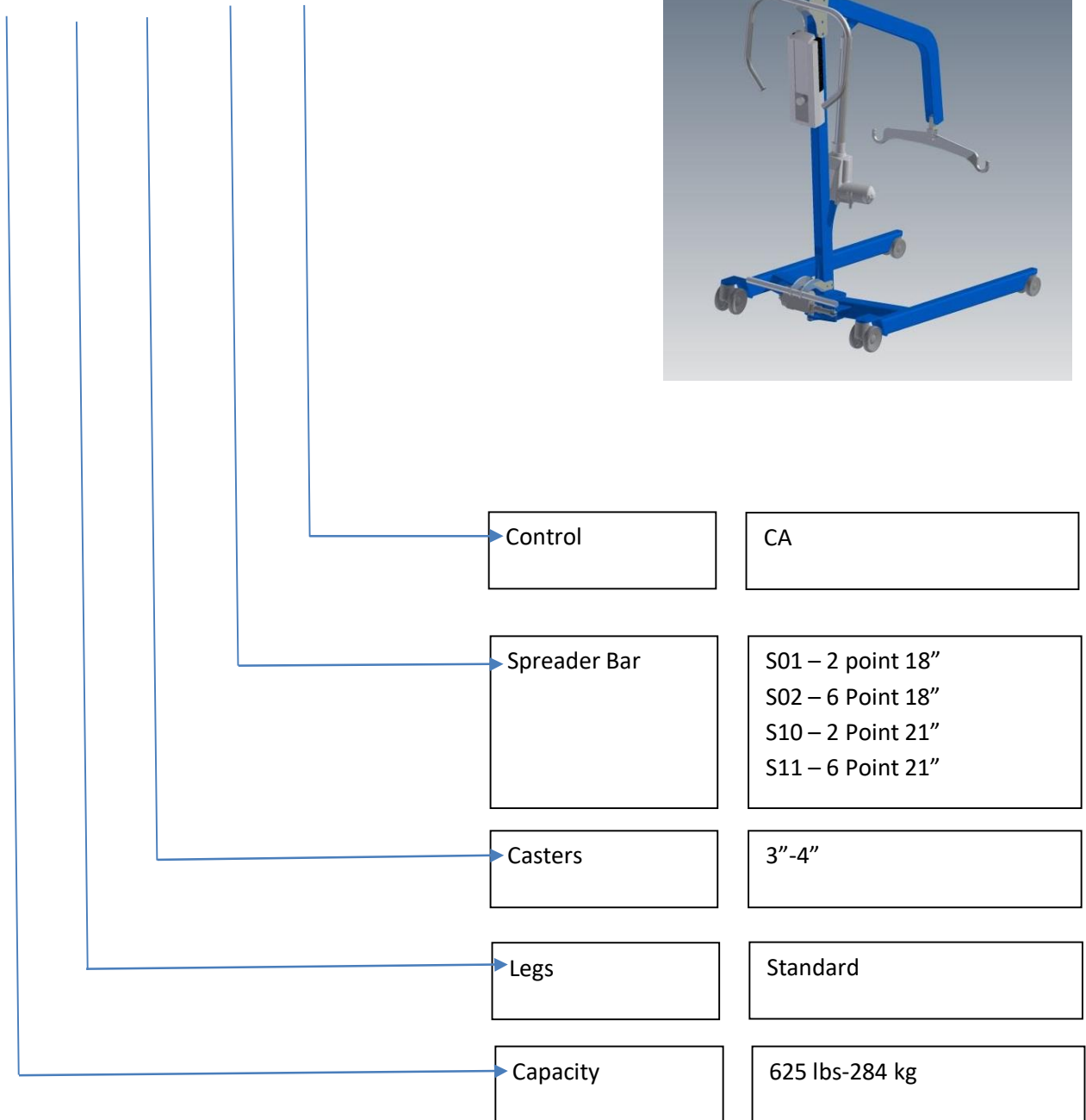


High-Lifter, 2 points spreader bar

# Order Template

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FL-XXX-XX-XX-XXX-XX



## Parts & Service

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Customer service and product support are important aspects of each Copper House Holdings product. For assistance with the lifts. Please contact Copper House Holdings Customer Service. Via email [info.copperhouseholdings@gmail.com](mailto:info.copperhouseholdings@gmail.com)

Please have the serial number of your Copper House Holdings product available when you email into Customer Service, and include it in all written documentations. To help better assist you.

**SERIAL NUMBER** \_\_\_\_\_

If you have any questions about this equipment,  
Please contact Copper House Holdings or your local  
authorized dealer

Copper House Holdings Inc  
80 Ellis Dr Unit 3 Barrie, Ontario  
L4N 8Z3

[Info.copperhouseholdings@gmail.com](mailto:Info.copperhouseholdings@gmail.com)  
[www.copperhouseholdings.com](http://www.copperhouseholdings.com)



Manufactured in Canada/USA