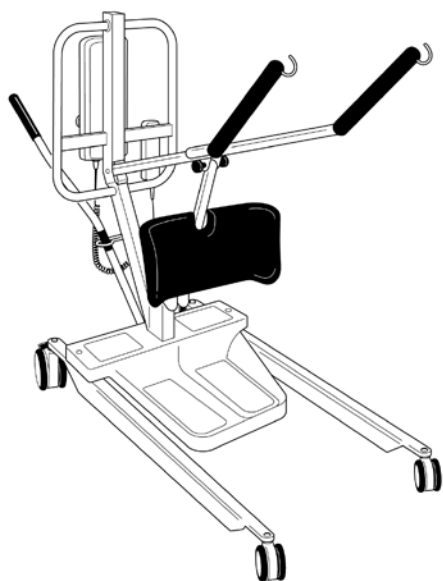


User Instruction Manual

Oxford® Standard 140

To avoid injury, read user manual prior to use.



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1. Introduction: About Your Lift

The Oxford Standaid 140 is fully assembled, load tested and certified before being packed. The packing consists of a strong, purpose built carton and is used for both export and domestic markets to ensure the safe arrival of the lift.

Recycling of Packaging:

In an effort to reduce levels of waste and environmental impact, Joerns Healthcare operate a free of charge recycling service in the UK. This is specifically for the foam inserts that accompany the lift packaging - inside of the carton.

When you are ready to return the foam inserts, simply present them to the Joerns Delivery Service Driver on their next visit and they will return them to us for recycling.

Accompanying Documents:

A number of documents are supplied in a wallet packed with each lift and should be retained for future reference.

- Test Certificate
- Dealer Guarantee Card
- User Manual
- Customer Satisfaction Card

The TEST CERTIFICATE is an important document and is required for your insurance records. It is valid for 6 months and once expired, the lift should be inspected and serviced for the following six month period. Servicing and periodic LOLER testing can be carried out by your supplier. Please ensure your lift is included in their maintenance schedule.

The CE Mark:

The Oxford Standaid carries the CE mark and comply with the following EC directives:

- Medical Device Directive (93/42/EEC)
- EMC Directive (89/336/EEC) (Electrics only)
- Low Voltage Directive (73/23/EEC) (Electrics only)



Statement of Intended Use:

The intended use of this lifting device is to transfer an individual from one resting surface to another (such as a bed to a chair). Moving a person in a sling over extended distances is not recommended.

The Oxford Standaid 140 is suitable for patients in the SITTING position only.

2. Assembly and Commissioning Instructions

Place the carton in a clear working area and open carefully. The carton contains:

- Wheeled chassis
- Mast boom assembly
- Wallet containing documents
- Battery charger
- Leg adjusting handle
- Battery pack

1. Remove all the parts from the carton and place on the floor, taking care to protect the finish from damage.

⚠ WARNING

Some of the parts are heavy and will need to be lifted with care. You may need assistance with the heavier assemblies.

2. Apply the rear castor brakes by pushing the brake levers (Fig. 1) downwards.

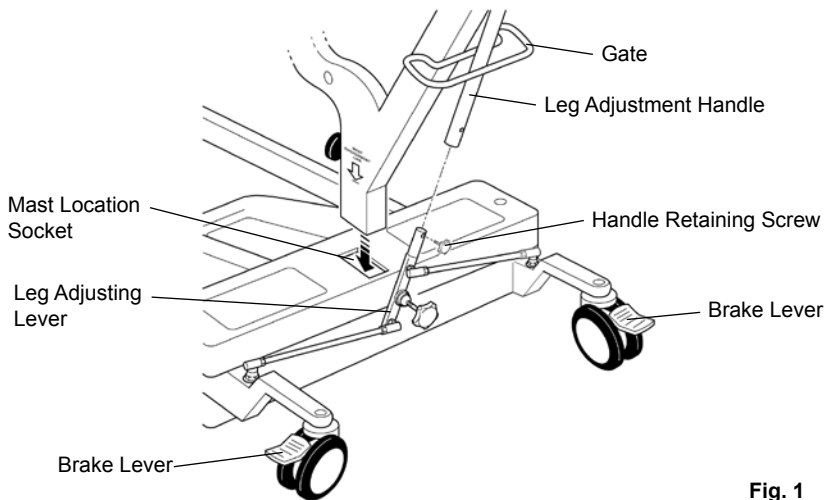


Fig. 1

3. Fit the mast assembly to the chassis. The mast is located into the rectangular socket on the top of the chassis (Fig. 1).

NOTE: Full engagement of the mast is confirmed by the label on the side of the mast.

4. Remove the screw from the leg adjusting lever located at the rear of the chassis. Fit the leg adjusting handle through the gate on the mast and push the open end over the leg adjusting lever. The handle is retained by a screw through the clearance hole in the handle into a threaded hole in the lever. Insert screw and fully tighten (Fig. 1).
5. Confirm the legs of the lift open and close satisfactorily by operating the leg adjustment handle in both directions.
6. Clip the battery onto the control box and ensure the red emergency stop button, located on the controller is in the out (ON position) by turning clockwise (Fig. 2).

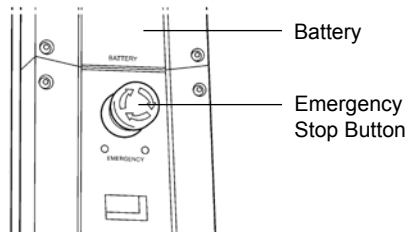


Fig. 2

7. Push the UP and DOWN buttons on the hand control and confirm the boom will raise and lower accordingly (Fig. 3).

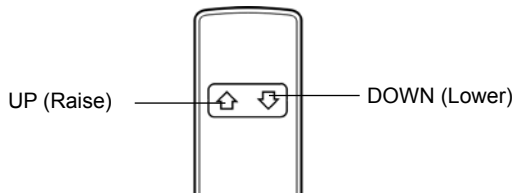


Fig. 3

8. The lift is now ready for use.

3. Safety Precautions

Please read and follow the safety precautions listed below. The operation and use of Oxford patient lifts is simple and straightforward. Following these few basic safety precautions will make lifting operations easy and trouble free.

WARNING

- **ALWAYS** plan your lifting operations before commencing.
- **ALWAYS** carry out the DAILY CHECK LIST before using the lift.
- **ALWAYS** familiarise yourself with the operating control and safety features of a lift before lifting a patient.
- **DO NOT** use a sling unless it is recommended for use with the lift.
- **ALWAYS** check the sling is suitable for the particular patient and is of the correct size and capacity.
- **NEVER** use a sling which is frayed or damaged.
- **ALWAYS** fit the sling according to the instructions provided (user instructions).
- **ALWAYS** check the safe working load of the lift is suitable for the weight of the patient.
- **ALWAYS** carry out lifting according to the instructions in the user manual.
- **NEVER** disconnect or bypass a control or safety feature because it seems easier to operate the lift.
- **NEVER** force an operating or safety control. All controls are easy to use and do not require excessive force to operate. If a control is not working easily there will be a reason. Forcing will only strain or damage the lift and may compromise safety.
- **DO NOT** lift a patient with the castor brakes on.
- **DO NOT** attempt to manoeuvre the lift by pushing on the mast, boom or patient.
- **ALWAYS** manoeuvre the lift with the handle provided. **DO NOT** attempt to apply additional side force to the boom or legs of the lift in order to manoeuvre the product.
- **ALWAYS** lower the patient to the lowest comfortable position before transfers.
- **DO NOT** push a loaded lift at speeds which exceed a slow walking pace (3 kilometres/hour 0.8 metres/second).
- **DO NOT** push the lift over uneven or rough ground, particularly if loaded.

- **DO NOT attempt to push or pull a loaded lift over a floor obstruction which the castors are unable to ride over easily.**
- **DO NOT bump the lift down steps, loaded or unloaded.**
- **DO NOT attempt to negotiate a loaded lift on a slope which exceeds 1:12 (approximately 5 degrees). Joerns Healthcare recommend a second helper is present when moving a patient on a slope.**
- **DO NOT park a loaded lift on ANY sloping surface.**
- **DO NOT use electric lifts in a shower.**
- **DO NOT charge an electric lift in a bathroom or shower room.**
- **DO NOT lift a patient unless you are trained and competent to do so.**
- **Your lift is for patient lifting. DO NOT use it, or allow it to be used, for any other purpose.**

4. Control Box & Handset

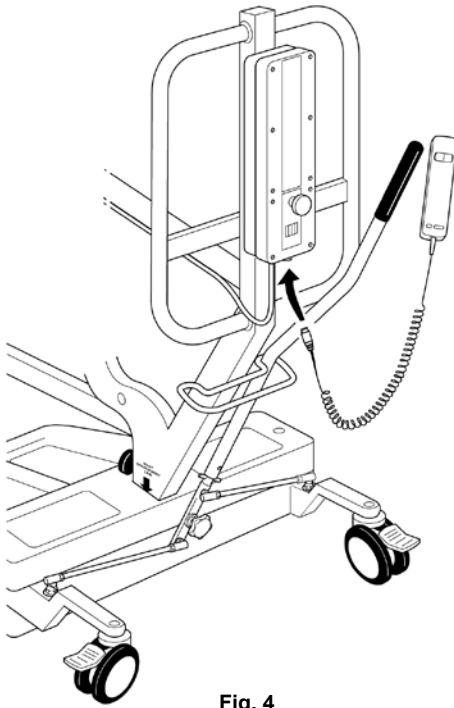


Fig. 4

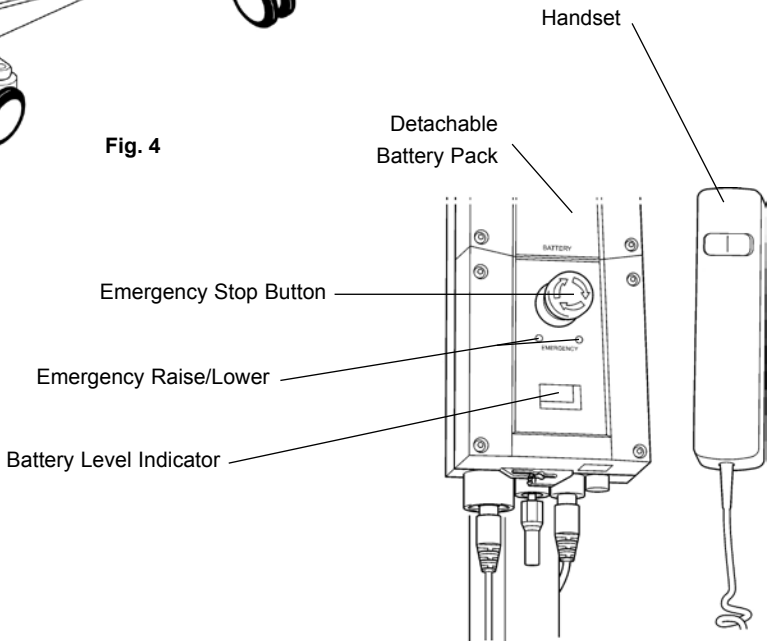


Fig. 5

5. Operating Instructions

- 1. Leg adjustment:** The legs on the Standaid are adjustable for width. The legs can be opened to enable access around armchairs or wheelchairs. For transferring and negotiating narrow doorways and passages the lift legs should be in the closed position. To achieve the adjustment, the leg adjuster handle, located at the rear of the mast, is moved out, away from the mast and then sideways from RIGHT (fully closed) to LEFT (fully open). The adjustment can be carried out with the patient in the lift.
- 2. Castors and braking:** The lift has two braked castors which can be applied for parking. When lifting, the castors should be left free and unbraked. The lift will then be able to move to the centre of gravity of the lifting operation. If the brakes are applied it is the patient that will swing to the centre of gravity and this may prove disconcerting and uncomfortable.
- 3. Straight line steering (where supplied):** One of the rear castors is fitted with a straight line steering device. To engage the device simply swing the 'U' shaped bar over the end of the leg. There is no need to fit the bar over the castor as it will automatically engage as you move off.
- 4. Raising and lowering the boom:** The movement of the boom is achieved by a powerful electric actuator which is controlled by a simple hand control unit. The hand control has two buttons with directional arrows UP and DOWN. The actuator stops automatically at the limit of travel in both directions. The hand control plugs into a socket at the base of the control box. There is a magnetic backing to the hand control which allows it to be "parked" on the mast or boom when not in use.
- 5. Emergency stop:** The red emergency stop button is located on the control box and activated by pressing in. This will cut all power to the lift and can only be reset by twisting the button clockwise and releasing.
- 6. Emergency raise/lower:** The Oxford Standaid is fitted with raise and lower buttons on the control box. These are located underneath the emergency stop button and can be used to lower/raise the patient should the hand control fail.

NOTE: These buttons should only be used in the event of an emergency.

- 7. Batteries:** The batteries are protected from deep discharge by a LOW VOLTAGE ALARM. This will sound when the batteries need recharging and the hand control is being operated. It will not sound independently of the hand control being operated. **DO NOT IGNORE THIS WARNING ALARM.** Complete the lifting operation and place the lift on charge (see charging instructions).

8. **Slings:** The selected sling is attached to the spreader bar hooks. Each sling is supplied with instructions which should be followed carefully.

The Oxford Standaid is suitable for patients in the SITTING position. The slings suitable for these lifts are listed as follows:

- Oxford Standing Deluxe
- Oxford Transport Deluxe

When selecting a sling from the Oxford range be sure to assess the suitability of the type of sling for the patient to be lifted. The following guides will assist in the correct selection.

NOTE: For detailed fitting instructions, please refer to the user guide supplied with each sling.

⚠ WARNING

Joerns Healthcare recommends that slings be checked regularly and particularly before each use for signs of fraying or damage. DO NOT use slings that are worn or damaged.

⚠ WARNING

OXFORD RECOMMENDS THE USE OF GENUINE OXFORD PARTS. Oxford sling and lift products are designed to be compatible with one another. For country specific guidance on sling use and compatibility, please refer to the sling label or contact your local market distributor or Joerns Healthcare.

⚠ WARNING

Refer to maximum weight capacity of lift. Sling capacity is limited by the maximum capacity of the lift.

NOTE: For further guidance on sling selection, please visit www.joerns.co.uk.

6. Charging Instructions

The batteries are located in the power pack and are charged through two contacts on the base. When the power pack needs charging it is removed from the lift and fitted to a charging unit. Joerns Healthcare recommend an additional power pack is purchased, so that one pack can be on charge at all times.

1. Remove the power pack from the lift. The pack is retained by a simple latch at the top of the pack. Lift the latch and the power pack will be released.
2. Fit the power pack to the charging unit. The location and latching of the power pack to the charger is the same system as used on the lift.
3. Plug the charger mains plug into a suitable mains outlet and switch the mains supply ON.
4. Charging is automatic and will fully charge the batteries over a period of eight to twelve hours. **NOTE:** Even if the charger is left plugged in for extended periods it will not allow the batteries to “overcharge”.
 - a) Green Light - Indicates main power is on.
 - b) Yellow Light - Indicates battery is charging.
 - c) Battery will be fully charged when yellow light goes off.

NOTE: Charging will take up to four (4) hours. It is recommended that the battery be charged immediately upon receipt.

5. To return the lift to service, switch OFF the mains supply and remove the power pack from the charger. Fit the power pack to the lift and make sure the latch holding the pack in place is fully engaged.

The charging of Oxford electric lifts is simple and straightforward, but it is important to follow the charging instructions closely. Please pay particular attention to the following points, they will help you avoid problems with discharged batteries.

WARNING

To avoid possible permanent damage to the battery, the battery should be placed on charge as soon as the display indicates the half empty battery symbol.

KEEP the batteries fully charged. Place the power pack on charge whenever it is not in use. If it is more convenient to do so, place on charge every night. The charger will not allow the batteries to “overcharge”.

Continued on next page >

⚠ WARNING

NEVER run the batteries completely flat. As soon as the audible warning sounds, complete the lifting operation in hand and place on charge.

NEVER store the power pack for long periods without regular charging throughout the storage period.

ALWAYS make sure the mains power to the charger is switched off before connecting or disconnecting the power pack.

NEVER leave the power pack plugged in to the charger with the mains power off.

ALWAYS check Battery Charge Indicator (LCD) screen.

Batteries **NOT** to be opened by unauthorised personnel. (Contact your distributor for warranty and repairs).

DO NOT touch battery/charger terminals.

DO NOT leave charger switched on with battery disconnected.

7. Maintenance Schedule and Daily Check List

All Oxford products are designed for minimum maintenance, however some safety checks and procedures are required. A schedule of DAILY tasks are detailed below.

Daily checks and a bi-annual service, inspection and test will ensure your lift is kept in optimum safe working condition. A list of spare parts is available upon request.

NOTE: The LOAD TEST and CERTIFICATION should only be carried out by qualified personnel or an authorised service dealer.

Daily Check List:

Joerns Healthcare strongly recommend the following checks are carried out on a daily basis and before using the lift.

- **ENSURE** the lift moves freely on its castors.
- **ENSURE** the legs open and close correctly.
- **EXAMINE** the sling hooks for excessive wear and **ENSURE** the retainers are present and functioning as intended. If in doubt, **DO NOT** use.
- Operate the hand control to **CONFIRM** the boom raises and lowers satisfactorily.
- **CONFIRM** the lift is not giving a low battery alarm when the hand control is operated. If the alarm sounds, **DO NOT** use and place on charge immediately.
- **CHECK** the operation of the emergency stop button.
- **ENSURE** the mast is fully engaged and the locking knob is fully tightened.
- **EXAMINE** slings for fraying or other damage. **DO NOT** use any sling if damaged or if the sling shows signs of wear.

8. Maintenance, Inspection and Test

Joerns Healthcare recommend a thorough inspection and test of the Oxford Standaid and lifting accessories, slings etc. is carried out every six months. The examination and test should be conducted according to the recommendations and procedures below. Joerns Healthcare recommend maintenance, inspection and certified testing is carried out by authorised service dealers only.

NOTE: These recommendations are in compliance with the requirements of 1998 No. 2307 Health and Safety: The Lifting Operations and Lifting Equipment Regulations 1998. This is a UK regulation. Outside the UK please check your local requirements.

- **BOOM:** Check the attachment of the boom to the mast. Make sure there is only minimal side movement of the boom and the boom is free to rotate on the boom bearing. Check the actuator mounting on the boom.
- **MAST:** Check the operation of the mast locking device. Make sure the mast fully engages into the socket. Check the bottom actuator mounting.
- **CONTROL BOX:** Check the function of the emergency stop button. Check the operation of the emergency descent button. Inspect the hand control socket for damage and firm fitting to the chassis. Check the operation of the hand control. Check the fuse for correct rating and the fuse holder for firm fitting and possible damage.
- **LEG ADJUSTMENT:** Check the leg linkages are secure and the leg adjustment handle is located correctly in the leg adjustment gate. Operate the leg adjusting handle and confirm smooth opening and closing of the legs. Adjust linkages if necessary.
- **LEG PIVOTS:** Check the leg pivots are secure and the legs pivot freely. Any stiffness must be investigated. Strip out the leg pivots and lubricate with a light mineral based grease if in any doubt. Make sure there is no excessive play in the leg pivots.
- **CASTORS:** Check all castors for firm attachment to the legs. Check for free rotation of the castor and the wheels. Remove any build up of threads, hair or fluff. Lubricate if necessary with a light mineral based grease. Check correct operation of the brakes.
- **ACTUATOR:** The actuator should require no maintenance other than checking for correct operation and listening for unusual noise.
- **BATTERIES:** The batteries are located in the Power Pack and should not require maintenance other than the regular charging as detailed in the charging instructions.
- **CLEANING:** Clean with ordinary soap and water and/or any hard surface disinfectant. Harsh chemical cleaners or abrasives should be avoided as these may damage the surface finish of the lift. Avoid wetting any of the electrical parts.

- **SLINGS:** Check for wear and fraying. DO NOT use any sling that is damaged, or if the sling shows signs of wear.
- **LOAD TEST:** The load test should be carried out in accordance with the manufacturer's test procedures. It is strongly recommended the testing is carried out by an authorised service dealer.
- **CERTIFICATION:** An authorised service dealer will issue a test certificate after satisfactory completion of the load test. This certificate will be valid for six months.

9. Technical Specifications

Safe Working Load.....	140kgs
Maximum Overall Length	1220mm
Minimum Overall Length	1170mm
Maximum Overall Height.....	1625mm
Minimum Overall Height.....	1138mm
Spreader Bar Max. Height.....	1585mm
Spreader Bar Min. Height.....	1090mm
Height At Maximum Reach	1090mm
Reach At Minimum Height	240mm
Maximum Reach	240mm
Turning Radius	1250mm
Legs Open (External Width)	1240mm
(Internal Width).....	1065mm
Legs Closed (External Width)	610mm
(Internal Width).....	520mm
Overall Height Of Legs.....	100mm
Ground Clearance	30mm
Front Twin Castors.....	75mm
Rear Braked Castors.....	100mm

Weights:

Mast & Boom Assembly.....	18.5kgs
Base Assembly.....	30kgs

Electrical Specifications:

Batteries	2 X 12 volt Rechargeable sealed lead acid type
Battery Capacity	2.9 Ampere hours
Charger Rated Input	230Vac 50/60 Hz
Charger Rated Output	27.4/29.0 VDC@0.8A

Electric Shock Protection:

Charger.....	Class II
Lift.....	Internal Power Source

Degree Of Shock Protection:

Charger.....	Type B
Lift.....	Type B

Environmental Conditions:

Outside this environment functionality and safety may be compromised.

Operating:

Temperature	5°C to 40°C
Relative humidity	20% to 90% @ 30°C - not condensing
Atmospheric pressure	700 to 1060 hPa

Storage:

Temperature	-10°C to +50°C
Relative humidity	20% to 90% @ 30°C - not condensing
Atmospheric pressure	700 to 1060 hPa

IP Ratings:

Control Box	IPX5
Actuator	IPX1
Off Board Charger	IPX5
Battery	IPX5
Handset	IPX5

Duty Cycles:

Actuator	10% (2 min./18 min.)
Charger	Approx. 4 hrs

Key Symbols:

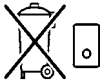
The following symbols are used on the charger, control unit and battery:



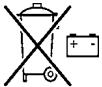
Type B equipment, as per EN 60601-1



Class 2 equipment



The disposal of the charging and control unit should not be mixed with general household waste



The disposal of batteries should not be mixed with general household waste



For indoor use



ATTENTION, consult accompanying documents

WEEE Producers registration number WEE/GG0464RZ

10. Warranty

Joerns Healthcare has an established network of reputable distributors and dealers who will be pleased to handle all your purchasing, warranty, repair and maintenance enquires.

This product is guaranteed for a period of twelve months from the date of manufacture or twelve months from the date of purchase if commissioned by an authorised dealer. We recommend that all of our products are commissioned by your dealer and are supported by them for future servicing.

The dealer or distributor operates the warranty programme, so it is important to keep a record of their name address and telephone number so they can be contacted should any problem arise.

If you are in doubt as to where your product was purchased, Joerns Healthcare can trace the supplier if you quote the serial number of the lift. Contact details can be found on the rear cover of this manual.

REMEMBER: Contact your distributor for purchases, warranty, repairs, servicing and certified maintenance.

Your distributor:

Packing Check List:

- | | |
|---|--|
| <input type="checkbox"/> User Manual | <input type="checkbox"/> Charger with Stand & Lead |
| <input type="checkbox"/> Test Certificate | <input type="checkbox"/> Base Assembly |
| <input type="checkbox"/> Dealer Guarantee Card | <input type="checkbox"/> Mast & Boom Assembly |
| <input type="checkbox"/> Customer Satisfaction Card | <input type="checkbox"/> Foam Packaging Inserts |
| <input type="checkbox"/> User Handset | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Battery Pack | |

Checked for you by: _____