

Mackworth Essentials 180 Mobile Hoist



User Manual

PRISM MEDICAL UK

Helping to transform lives every day

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1.0 Safety Instructions and Warnings

1.1 Caution

Do not attempt to use this equipment without first understanding the contents of this manual.

The hoist can easily be operated by one person.

To ensure the safe operation of your mobile hoist, carefully read this entire manual, and ensure its contents are completely understood before use.

The hoist is designed to be used in conjunction with slings and accessories. Please refer to any user guides supplied with these components while reviewing this manual.

Should any questions arise from reviewing this manual contact your local authorised representative.

Failure to comply with warnings in this manual may result in; injury to the operator and/or client and/or damage to the mobile hoist or related components.

Store this manual with the documents included with the mobile hoist and sling(s).

Contents of this manual are subject to change without prior written notice.

Ensure you are aware of the sling manufacturer's fitting instructions.



WARNING

Do not use a clip fit sling on a carry bar designed specifically for loop fitting slings.

For all other sling information/clip & hoist size compatibility, please refer to page 22 of the General User Safety Guide.

To view our clip fitting video please visit: www.mackworth-healthcare.com/training.

For general guidance for how to fit a sling, please visit: www.mackworth-healthcare/category/guides



1.0 Safety Instructions and Warnings

1.1 Symbols used



Caution - consult instructions for use



Caution - consult instructions for use



Manufacturer



Please observe local laws on recycling



Two-person lift may be required



Refer to user manual



Date of manufacture



Serial number



Temperature range



Humidity range

1.0 Safety Instructions and Warnings

1.2 Contraindications

There are no known 'contraindications' associated with the usage of the mobile hoist and its accessories, provided they are used as per manufacturer's recommendations and guidelines.

However, it is recommended that a client specific assessment is completed by a trained and knowledgeable health care professional to determine the method of transfer.

The manufacturer does not recommend a required number of caregivers for the use of our products.

This information and recommendation can only be provided after a thorough, case specific, assessment, as there are many factors that can influence these decisions.

1.3 Intended use

The mobile hoist is a lifting aid used by trained personnel. The mobile hoist makes it possible to transfer/lift mobility impaired clients with minimal strain or risk to the caregiver, while providing complete safety, dignity and comfort to the client.

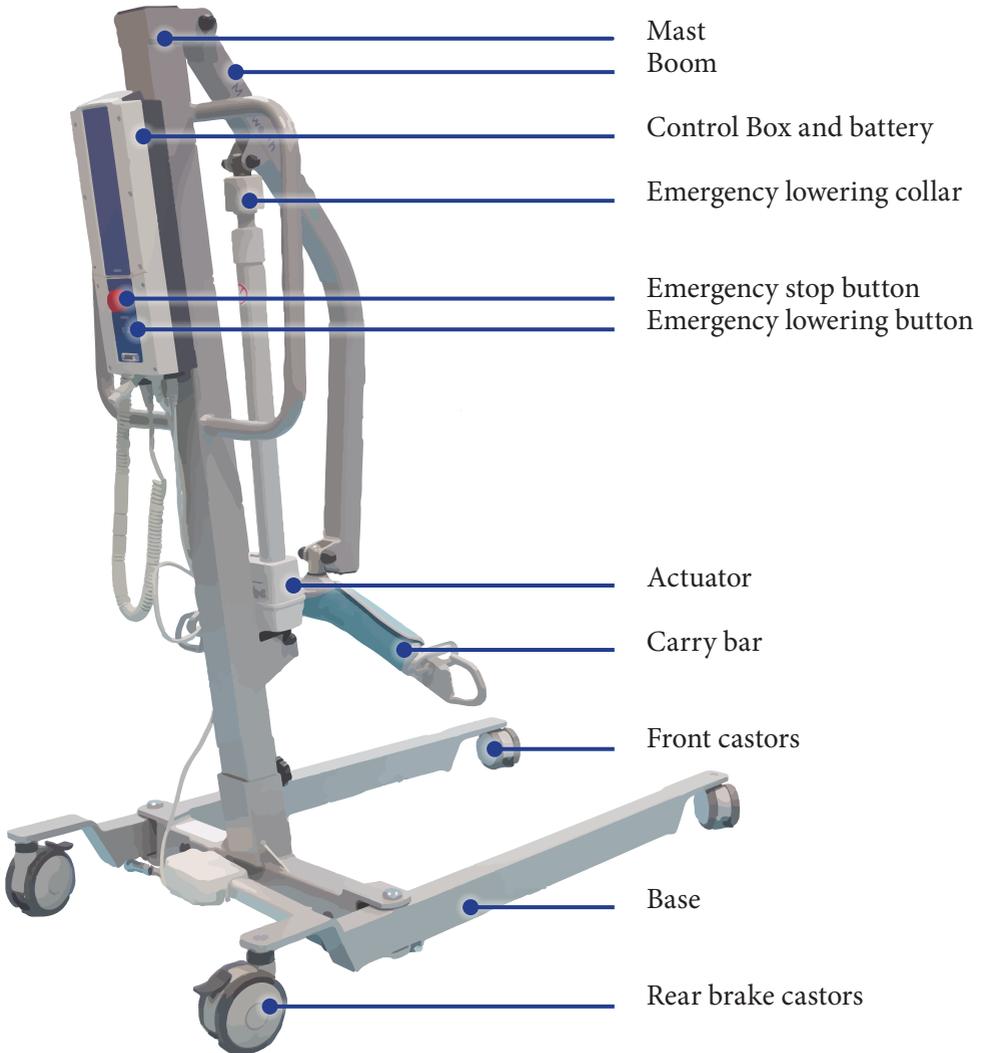
The mobile hoist is one of two components that makes this possible. The other component, the sling, is a specially designed fabric accessory that attaches to the mobile hoist by means of a carry bar and straps, and holds the client during the lift/transfer.

Please refer to the user guides supplied with the sling and reference them while reviewing this manual.

The functions of raising and lowering the boom, and opening and closing of the legs on the hoist, are accomplished by pressing buttons on the hand control. The hand control is attached to the mobile hoist.

2.0 Components/Key Parts

Please familiarise yourself with the components of the mobile hoist by referring to the diagram below:



3.0 Assembly Instructions

3.1 Unpacking



WARNING

Some of the parts are heavy and will need to be lifted with care. Heavier items may need two people to lift. (Please refer to technical specifications on page 20 to 21)

The hoist will arrive to you in a robust box, please be careful when removing the components from the box. Please read the user guide in full before operating.

This user manual should be kept safe for future reference.

3.2 Pack contents

The Hoist carton contains (shown in Fig. 1 below):

- Base - fitted with 2 braked rear castors and 2 non-braked front castors
- Mast and boom assembly including; actuator, battery pack, control box and carry bar
- Mast locking hand wheel and bolt
- Handset
- Battery charging cable

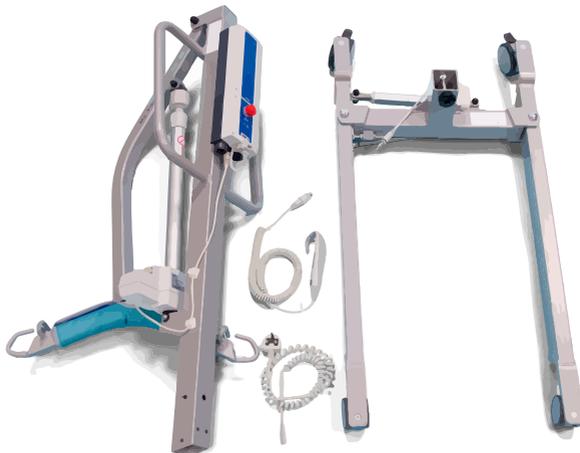


Fig. 1

3.0 Assembly Instructions

3.3 Hoist assembly



WARNING

Do not use a sharp knife/edge to open the packaging.

- a. Carefully open the box and remove all loose parts and excess packaging from the carton.
- b. Carefully lift the hoist components out of the carton.



WARNING

2-person lift recommended.

- c. Place the hoist base on a flat surface and ensure the rear braked castors are locked.
- d. Remove the black mast locking hand wheel from the top of the base (as shown in Fig. 2).
- e. Ensure all cables are routed correctly and are clear of the base and mast when lifting into position (as shown in Fig. 3).



Fig. 2

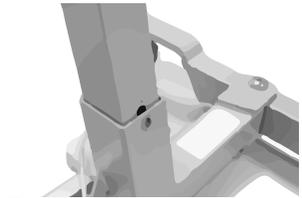


Fig. 3



Fig. 4



Fig. 5



WARNING

Please ensure both hands are on the handles when lifting the mast into position, possible risk of finger trap.

- f. When the mast is fully engaged with the base, fit and fully tighten the mast locking hand wheel (as shown in Fig. 4 and 5).



WARNING

Ensure the mast is fully seated into the base and the mast locking wheel is in position and tight before using the hoist.

3.0 Assembly Instructions

3.4 Electrical connections

Connect all the cables to the control box as shown in the pictures opposite.

- a. Connect the up/down actuator cable connector to the second circle (marked No. 1) from the left side of the control box (as shown in Fig. 6).
- b. Connect the leg spreading actuator cable connector to the third circle (marked No. 2 in Fig. 6) from the left side of the control box (as shown in Fig. 7).
- c. Connect the handset connector to the large circle on the left side of the control box. A lug on the plug ensures correct orientation of the hand control connector (as shown in Fig. 8).
- d. Connect the mains cable/power cord to the control box (as shown in Fig. 9).



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



WARNING

Confirm all cables are located and secure before operating the hoist as shown in (Fig. 10).

4.0 Final Inspection

Before first operation of the hoist:

- Confirm all cables are located and secure.
- Ensure the red emergency stop button on the control box is in the out position (rotate clockwise to release if required).
- Press the up button on the handset and confirm the actuator raises the boom.
- Press the down button on the handset and confirm the actuator lowers the boom.
- Press the button on the handset to operate the leg opening and confirm the actuator moves the legs outward.
- Press the button on the handset to operate the leg closing and confirm the actuator moves the legs inward.
- Press the red emergency stop button on the control box and check that actuators do not operate until the button is returned to the out position.
- Check the emergency lowering function, both mechanical and electrical, work properly.
- Check the rear wheel brakes work properly.
- Check the battery pack is fully charged.

Your hoist is now ready to use.

5.0 Hoist Operating Instructions

5.1 Manoeuvring the hoist

To move the hoist forward, hold onto the handle bar and push forward.



WARNING

Do not stand on the actuator, or use the actuator to push the hoist (Fig. 11 and 12).

When turning the hoist, use both hands on the handle. Alternatively, it is possible to rotate the hoist by applying the brake to a single rear caster and rotating the hoist about the braked caster. This movement should be performed with a smooth, slow action to avoid swinging the patient unnecessarily.

The Mackworth Essentials 180 mobile hoist has two rear casters with brake.

The rear casters can be braked for rotation (by applying a single brake), lateral movement, and parking. To apply the brake, press the brake pedal down with your foot (as shown in Fig.13). To release the brake, press the raised pedal towards the wheel (as shown in Fig.14).

During lifting, the rear wheels should remain unlocked so that the hoist will



WARNING

The wheels should be locked if there is a risk of the hoist moving to the patient. For example, when lifting the patient from the floor.



Fig. 11



Fig. 12



Fig. 13



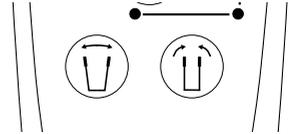
Fig. 14

5.0 Hoist Operating Instructions

5.2 Adjusting hoist leg opening width

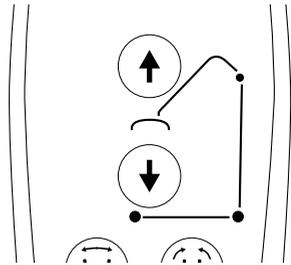
The legs of Mackworth Essentials 180 Hoist are electrically operated for opening and closing to adjust the base width. The legs can be opened to enable access around arm chairs or wheel chairs. When relocating the hoist, manoeuvring through narrow doorways and/or passages, the hoist legs should be in the closed position.

Leg adjustment is achieved by pressing appropriate buttons on the hand control. The legs' motion will be stopped whenever the hand control button is released.



5.3 Raising and lowering the boom

The up and down movement of the boom on the Mackworth Essentials 180 Hoist is achieved by a powerful electric actuator which is controlled by hand control. The hand control has two buttons with directional arrows **up** and **down**. The actuator stops automatically at the limit of travel in both directions.



5.4 Emergency stop button

The Mackworth Essentials 180 mobile hoist is fitted with an Emergency Stop button.

Push the Emergency Stop button (as shown in Fig.15) to cut all power on the mobile hoist (an audible beep will be heard if the emergency button is pressed during operation of the boom or leg opening).

To resume power, release the emergency stop button by turning in a clockwise direction (indicated by arrows on the Emergency Stop button) as shown in Fig.16.



Fig. 15



Fig. 16

5.0 Hoist Operating Instructions

5.5 Emergency lowering of the boom

5.5.1 Electrical emergency lowering

The hoist boom can be lowered by pushing the emergency lowering button on the control box with a suitable object, such as a pen nib or pencil (as shown in Fig.17).



Fig. 17

5.5.2 Mechanical emergency lowering

In case of power failure, it is possible to mechanically lower a patient placed in Mackworth Essentials 180 mobile hoist.

Turn the manual lowering handle in clockwise direction (as shown in Fig.18) to lower the boom until the boom reaches a safe position.



Fig. 18



WARNING

The manual emergency lowering system should be used only if the lowering procedures described in the previous section of the manual do not work. Should you have any concerns or questions contact your local authorized Prism Medical Representative.



WARNING

Do not use the hoist after the manual lowering mechanism has been used. The lift must be reset by a qualified technician after use. Contact your local authorised Prism Medical UK Service Provider.

5.0 Hoist Operating Instructions

5.6 Handset operation

The Hand Control has four functions: up/down and legs in/out.

Press down on each symbol to operate the desired function. It is not possible to use two functions at the same time. Once the hoist has reached the extent of its travel in a given direction, an audible beep will sound.

The handset is attached to the control box via a flexible, coiled cable that is secured in place with a friction-fit plug. The coiled cable is designed to give the greatest number of options for carer positioning without having a trailing cable around the patient. The handset also incorporates a hook which gives the carer flexibility whilst moving/positioning the patient. Clear and easy to understand labelling of the buttons enable ease of use for the care giver.

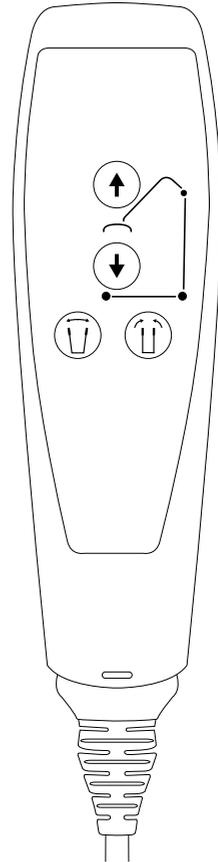


Fig. 19

5.0 Hoist Operating Instructions

5.8 Battery pack

The battery pack is protected from full discharge by a low voltage alarm & illuminated LED. The alarm will sound or LED illuminate when the battery needs recharging. Complete the lift and place the battery on charge.



WARNING

- **Keep the battery pack fully charged.**
- **The battery pack should never be allowed to run completely flat.**
- **The battery pack should never be stored for long periods of time without a regular charge.**

5.8.1 Charging the battery pack

The battery pack can be recharged via mains lead (terminated with a figure of eight plug), or can be unclipped from the control box (see Fig. 20 and 21) and charged via an optional external charger (available separately).

- Fit the mains lead figure of eight plug into charger link cable (see Fig.22).
- Plug the 3-pin mains plug into a suitable mains outlet and switch the mains supply on.

Note: The red Emergency Stop button has to be out for the battery pack to charge.

- Charging is automatic and will normally take eight to twelve hours to fully charge (from completely discharged state). You cannot overcharge the battery pack if left for longer periods of time.
- To return the hoist to use, switch off the mains supply. Remove the figure of eight plug from the socket at the base of the control box. The hoist is now ready for use.



Fig. 20



Fig. 21

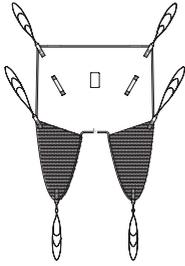


Fig. 22

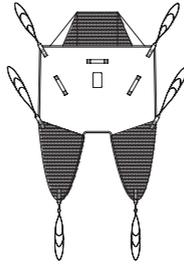
5.0 Hoist Operating Instructions

5.9 Slings

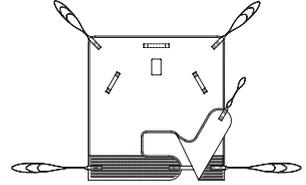
This is not an exhaustive list, check with the supplier for available slings.



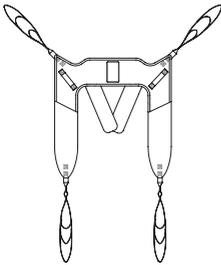
Universal sling



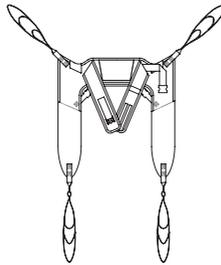
**Universal C/W
Head support**



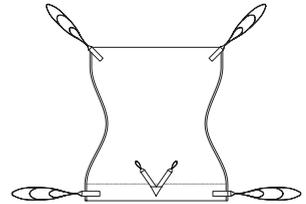
Hammock sling



Dual access sling



Dual access SRS sling



Comfort recline

The range of slings are the result of many years of experience in assessment and clinical expertise, combined with input from professional workers and users of slings. As a result, the range is a collection of subtly unique designs, combined with the use of modern materials and technology which provides comfort, security, support and dignity for the user, and aids correct application of the sling by the carer.

6.0 Hoist Safety Advice

6.1 Caution



WARNING

Your hoist is for patient lifting.

Do not use it, or allow it to be used, for any other purpose.



WARNING

When not in use, remove the sling from the hoist system to reduce the potential for entrapment or strangulation. Especially in areas where children may be present.

Your Mackworth mobile hoist has been manufactured and tested to exceed BS EN 10535:2006. This does not mean that it can be used without care.

All operators should have read the operating instructions and appreciate this Caution section.

CAUTION: YOUR MOBILE HOIST

Is less stable on sloping surfaces. A 5 degree slope is the maximum permitted and then only with great care.

Is less stable when the load is at maximum height.

Is less stable when the load is allowed to swing.

Is dangerous to the patient being carried when used with undue care and attention or pushed at speed.

6.0 Hoist Safety Advice

Please read and follow the safety precautions below. These basic safety precautions will help make lifting operations easy and trouble free.

ALWAYS

Carry out the Daily Checks (detailed in section 6.2)

Conduct a risk assessment, including patient, hoist capacity and sling suitability, prior to any lifting operation

Ensure you have had basic training in moving and handling before using the mobile hoist

Familiarise yourself with the hoist controls and safety features

Manoeuvre the hoist with the handle provided

Fit the sling in accordance to the user manual for specific sling

Carry out lifts in accordance with this user manual

Apply the brakes when parking the hoist

NEVER

Push a loaded hoist at a speed exceeding a slow walking pace

Lift a patient while the brakes are on
(unless lifting from the floor)

Manoeuvre the hoist using the boom or patient

Use a sling unless recommended for use with this hoist

Push the hoist over uneven or rough ground

Bump the hoist down steps

Allow water to enter the handset or control box

Use the hoist outdoors

Use a frayed or damaged sling

Charge the mobile hoist in a bathroom or shower

6.0 Hoist Safety Advice

6.2 Daily checks

The following checks are those recommended by Prism Medical UK and are supplementary to requirements that may be applicable for current Lifting and Handling and other Health and Safety regulations such as The Lifting Operations and Lifting Equipment Regulations 1998 which may have additional requirements to those set out below:

CHECK

The legs open and close correctly.

The hoist moves freely on its castors.

The carry bar for free movement in all directions and that it is securely attached to the boom.

The sling hooks on the carry bar are free from excessive wear.

The hand control lowers and raises the boom satisfactorily.

The operation of the emergency stop button.

The hoist is off charge before use and all leads are fully engaged into their sockets.

The hoist is charged to a satisfactory level of use - raise and lower the hoist by operating the handset. If the hoist makes a bleeping sound **do not use** as the hoist needs to be charged.

The mast is fully engaged and the locking nut is fully tightened.

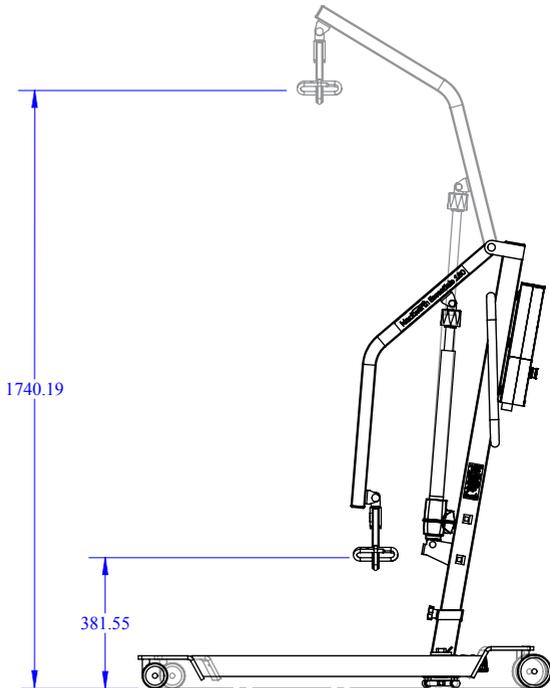
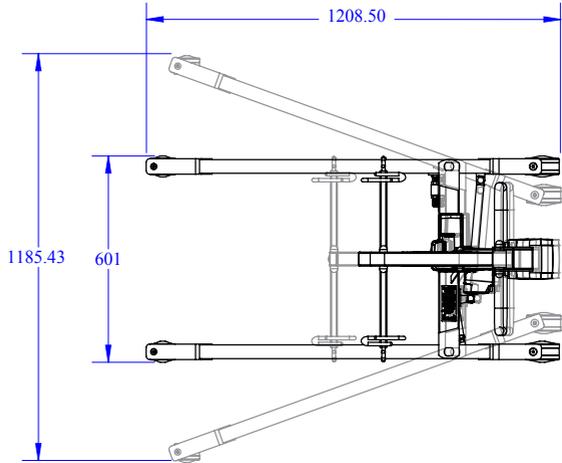
The sling for fraying or damage. **Do not use** a sling with any signs of fraying, tears or other damage to the straps or body of the sling.

7.0 Technical Specification

7.1 Dimensions

Total weight: 39.8kg

Actuator thrust: 10,000N



7.0 Technical Specification

7.2 Sound levels

Loaded

Up 41.7dBA

Down 40.9dBA

Unloaded

Up 38.5 dBA

Down 38.5dBA

7.3 Electrical specifications

Battery type:	2 x 12-volt rechargeable sealed lead acid.
Battery capacity:	2.9 Ampere/hours
Charger rated input:	230Vac 50/60Hz
Charger rated output:	27.4/29.0 VDC @ 0.8A

Electric Shock Protection

Charger:	Class II *Lift - internal power source
Degree of shock protection:	Type B *Lift - internal power source
Duty cycle:	10% (6 minutes per hour)
IP rating, control box:	IPX4
IP rating, handset:	IPX4

Expected Product Lifetime

10 yrs depending usage and compliance to maintenance, servicing and LOLER inspections.

Shipping/Storage Conditions

Temperature:	-40 to +70 °C
Relative humidity:	10 to 100% RH
Atmospheric pressure:	500 to 1060 hPa

Normal Operating Conditions

Temperature:	+10 to +70 °C
Relative humidity:	30 to 75% RH
Atmospheric pressure:	700 to 1060 hPa

7.0 Technical Specification

7.4 Standards applied

The standards that have been applied to the device are as follows:

BS EN 60601-1-2

Medical electrical equipment. General requirements for basic safety and essential performance. Collateral Standard. Electromagnetic disturbances. Requirements and tests.

BS EN 60601-1

Medical electrical equipment. General requirements for basic safety and essential performance.

BS EN ISO 10535:2006

Hoists for the transfer of disabled persons. Requirements and test methods.

7.4.1 EMC – Electromagnetic emissions statement

The device complies with the requirements of BS EN ISO 60601-1-2

Should the device come into contact with a similar device having the requirements to meet EMC performance, the reciprocal interference would be eliminated.

8.0 Care & Maintenance

8.1 Troubleshooting

The boom raising/lowering or leg opening/closing action fails to respond to handset operation	Ensure the emergency stop button is in the out position.
	Ensure the battery is charged.
	Ensure the charging lead is disconnected from the control box and mains supply.
	Ensure the handset connection plug is fully inserted into the control box.
	Ensure the actuator connection plugs are fully inserted into the control box.
	If you suspect an actuator is damaged, remove the hoist from operation and contact your approved agent.
	Ensure there is no visible damage to any hoist wiring. If you identify damage to any wiring, contact your approved agent.
The hoist fails to charge	Ensure the charging lead is connected to the control box and mains supply.
	Ensure the emergency stop button is in the out position.
	Ensure the battery pack is correctly mounted to the control box.
	If the battery pack fails to charge, contact your approved agent.
The hoist makes unusual noises during operation	Try to identify the source of the noise. Remove the hoist from operation and contact your approved agent.

8.0 Care & Maintenance

8.2 Maintenance (to be carried out by a trained engineer)

These recommendations are in line with the Lifting Operations and Lifting Equipment Regulations (LOLER 1998). For further detailed information, please visit:

www.hse.gov.uk/work-equipmentmachinery/loler.html.

Maintenance must be carried out by a competent person and is a UK regulation.

The inspection must take place every 6 months. (Please check if outside of the UK for different specific test requirements).



WARNING

Before use and on a regular basis, check the carry bar is securely attached to the boom and is free to move in all directions.

a. Certification

An authorised/competent service company or person will issue a test certificate after satisfactory completion of the LOLER inspection. The certificate will be valid for 6 months.

b. Battery pack

The battery pack should not require maintenance other than the regular charging as detailed in the charging instructions.

c. Emergency Stop button

Check the emergency stop button functionality

d. Actuator

The actuator should not require maintenance other than checking for correct operation, listening for unusual noise and checking for any damage.

8.0 Care & Maintenance

8.2 Maintenance (continued)

e. Castors

Check the brake functionality on each rear castor. Check all castor fixing points. Check that each castor runs free and rotates easily. Remove any build-up of hair, fluff, dust etc. Lubricate if necessary with a very light mineral based grease.

f. Leg pivot points/under carriage

Check the smooth opening and closing of the legs. Check the steel leg linkages are secure. Adjust the steel linkages if necessary to align the legs. Check all the screws in the under-carriage are secure, if loose secure with Loctite®.

g. Control box

Inspect all male plugs and female sockets for correct fitting. Inspect the hand control functionality.

h. Mast

Ensure the mast fully engages into the base housing. Check the operation of the mast locking hand wheel. Check the actuator mounting brackets for excessive wear.

i. Boom

Check the attachment of the boom to the mast, ensure all fixing points are secure and free from wear.

j. Carry bar

Check the carry bar rotates and swings freely. Check the central pivot bolt and nylon lock nut for excessive wear. Check the fixing point for excessive wear and inspect the sling hooks for any damage, sharp edges and excessive wear.

8.0 Care & Maintenance

8.3 Cleaning

8.3.1 General cleaning

The exterior of the Mackworth Essentials 180 Mobile Hoist can be cleaned using a damp soapy cloth for general cleaning duties. Please ensure the cloth is damp and not wet. Ensure the exterior of the device is dry after cleaning, dry using a clean dry cloth.



WARNING

Care should always be taken when cleaning around electrical components

8.3.2 Disinfecting (if necessary)

Should the Mackworth Essentials 180 Mobile Hoist require a more thorough clean, the use of the Actichlor™ disinfectant product, which is widely available in tablet form and used throughout the healthcare industry, is recommended.

Ensure the cloth is damp before the cleaning process.

Do not use a wet cloth over electrical systems.

Be careful not to let water ingress into the device as although the device is IP rated, it is not water tight.



WARNING

Please follow the manufacturers safety instruction for the use of the cleaning product before use to ensure safe use for the operator and the patient.



WARNING

When handling Actichlor™ disinfectant, avoid contact with skin and eyes. Do not breathe dust/fumes/gas/mist/vapours/spray. Use only with adequate ventilation.

8.0 Care & Maintenance

8.3.2 Disinfecting (continued)

Application is through a clean soaked, damp, cloth applied to wipe the device down .

Used in the following dilutions to ensure an effective clean:

- Actichlor™ dissolvable chlorine tablets provide a concentration of 1000 ppm of available chlorine (0.1%) per 1 tablet
- 1 tablet (1.7g formed tablet (x1)) will create a virucidal solution, diluted in 1 litre of water to provide effective means to clean a dirty device.

This is also ideal for use after an outbreak of the Norovirus/winter vomiting and can be used as a precaution against C.Diff. It is effective against viruses, bacteria, spores, yeasts and moulds.

The contact time against the outer components of the device should be for 5 minutes to prevent any virucidal infections without a degradation to the functionality of the device.

5 minutes is a recommended contact time.

The device can withstand a longer contact period but the 5 minute recommendation as a minimum must be followed to provide an effective cleaning regime.

Blood spills should be dealt with by an increased concentration of the solution – please refer to the instructions on the manufacturers product labelling.

8.0 Care & Maintenance

8.3.2 Disinfecting (continued)

Concentration limits for differing cleans will be shown on the manufacturers Actichlor™ container, however, this is reflected in the table below:

Actichlor™ Dilution Chart					
Product used as:	Device condition	Concentration (ppm)	Dilution qty *	Tablets per litre	Contact time
Bactericidal	Clean	200	5 litre	1	1 min
	Dirty	1000	1 litre	1	5 min
Yeasticidal	Clean	200	5 litre	1	1 min
	Dirty	1000	1 litre	1	5 min
Fungicidal	Clean	2000	1 litre	2	15 min
	Dirty	5000	1 litre	5	15 min
Mycobactericidal	Clean	1000	1 litre	1	15 min
	Dirty	5000	1 litre	5	15 min
Virucidal	Clean	500	2 litre	1	5 min
	Dirty	1000	1 litre	1	5 min
Sporicidal (C.Diff)	Clean	1000	1 litre	1	10 min
Sporicidal	Clean	5000	1 litre	5	10 min

Dilution is made within water. When diluted in water, one tablet gives 1000 ppm of available chlorine. Do not dilute within any other medium.

The concentration of the solution depends upon whether the device being cleaned is noticeably dirty or not (indicated in the table by 'Device condition').



WARNING

Wash hands thoroughly after handling. Mixing this product with acid or ammonia releases chlorine gas.

8.0 Care & Maintenance

8.3.2 Disinfecting (continued)

Safety precautions when using this cleaning agent

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.



WARNING

Conditions for safe storage, including and incompatibilities:

- **Keep out of reach of children**
- **Keep container tightly closed**
- **Store in suitable labelled containers**
- **Storage temperature: 0°C to 25°C**

Individual protective measures:

Hand protection: Gloves

Dissolve

Dissolve in cold water – With no agitation, 1 tablet will take approx. 10 minutes to fully dissolve in the water used.

The information above has been extracted from the Actichlor™ MSDS (Manufacturers Safety Data Sheet). For a full review of the data please follow the link below:

www.nhsggc.org.uk/media/236215/msds-actichlor-plus.pdf

Contamination control – return of product

Should there be a requirement to return this product it needs to be in a clean condition and should not be soiled. Return of 'contaminated' product will put the health of individuals who are involved with the return process, both delivery and manufacturing staff, in jeopardy.

Mackworth Essentials 180 Mobile Hoist

TEST CERTIFICATE

Safe Working Load: 180kg

Serial no.

Date of test

This Test Certificate confirms that the above numbered hoist has been fully tested in accordance with the tests specified in:

- BS EN 10535 and has conformed fully therewith.

Signature of tester.

10.0 Service Record

Initial Information

Complete the following section on Purchase and Service Information as soon as this equipment is purchased.

- Use the service record history to record to any completed service and repairs.
- Ensure that the service record is signed and dated each time it is used.
- Be sure to have this piece of equipment serviced on a regular basis as described in the General Inspection and Maintenance Section.
- Be sure to have this piece of equipment serviced on a regular basis (6 monthly where LOLER applies).

Purchase Information

Product name: *Mackworth Essentials 180 Mobile Hoist*

Serial No. Date of purchase:

Purchased from:

Address:

.....

..... Post Code:

Telephone number:

Comments:

Purchase Information

Company:

Address:

.....

..... Post Code:

Telephone number:

Comments:

10.0 Service Record

Service Record History

Complete this section after each service, repair, inspection and/or maintenance. Photocopy additional pages as required.

Date:	Time:	
Service type:		
Periodic inspection <input type="checkbox"/>	Monthly inspection <input type="checkbox"/>	Repair <input type="checkbox"/>
6-Month inspection <input type="checkbox"/>	Yearly inspection <input type="checkbox"/>	Other <input type="checkbox"/>
Completed by (print name):		
(signature)		
Company:		
Remarks and action taken:		
.....		
Device left in a safe, usable condition: Yes <input type="checkbox"/> No <input type="checkbox"/>		
(if 'No' explain in remarks and action taken)		

Date:	Time:	
Service type:		
Periodic inspection <input type="checkbox"/>	Monthly inspection <input type="checkbox"/>	Repair <input type="checkbox"/>
6-Month inspection <input type="checkbox"/>	Yearly inspection <input type="checkbox"/>	Other <input type="checkbox"/>
Completed by (print name):		
(signature)		
Company:		
Remarks and action taken:		
.....		
Device left in a safe, usable condition: Yes <input type="checkbox"/> No <input type="checkbox"/>		
(if 'No' explain in remarks and action taken)		

10.0 Service Record

Date:		Time:			
Service type:					
Periodic inspection	<input type="checkbox"/>	Monthly inspection	<input type="checkbox"/>	Repair	<input type="checkbox"/>
6-Month inspection	<input type="checkbox"/>	Yearly inspection	<input type="checkbox"/>	Other	<input type="checkbox"/>
Completed by (print name):					
(signature)					
Company:					
Remarks and action taken:					
.....					
Device left in a safe, usable condition: Yes <input type="checkbox"/> No <input type="checkbox"/>					
(if 'No' explain in remarks and action taken)					

Date:		Time:			
Service type:					
Periodic inspection	<input type="checkbox"/>	Monthly inspection	<input type="checkbox"/>	Repair	<input type="checkbox"/>
6-Month inspection	<input type="checkbox"/>	Yearly inspection	<input type="checkbox"/>	Other	<input type="checkbox"/>
Completed by (print name):					
(signature)					
Company:					
Remarks and action taken:					
.....					
Device left in a safe, usable condition: Yes <input type="checkbox"/> No <input type="checkbox"/>					
(if 'No' explain in remarks and action taken)					

10.0 Service Record

Date:		Time:			
Service type:					
Periodic inspection	<input type="checkbox"/>	Monthly inspection	<input type="checkbox"/>	Repair	<input type="checkbox"/>
6-Month inspection	<input type="checkbox"/>	Yearly inspection	<input type="checkbox"/>	Other	<input type="checkbox"/>
Completed by (print name):					
(signature)					
Company:					
Remarks and action taken:					
.....					
Device left in a safe, usable condition: Yes <input type="checkbox"/>					
No <input type="checkbox"/>					
(if 'No' explain in remarks and action taken)					

Date:		Time:			
Service type:					
Periodic inspection	<input type="checkbox"/>	Monthly inspection	<input type="checkbox"/>	Repair	<input type="checkbox"/>
6-Month inspection	<input type="checkbox"/>	Yearly inspection	<input type="checkbox"/>	Other	<input type="checkbox"/>
Completed by (print name):					
(signature)					
Company:					
Remarks and action taken:					
.....					
Device left in a safe, usable condition: Yes <input type="checkbox"/>					
No <input type="checkbox"/>					
(if 'No' explain in remarks and action taken)					

10.0 Service Record

Date:		Time:			
Service type:					
Periodic inspection	<input type="checkbox"/>	Monthly inspection	<input type="checkbox"/>	Repair	<input type="checkbox"/>
6-Month inspection	<input type="checkbox"/>	Yearly inspection	<input type="checkbox"/>	Other	<input type="checkbox"/>
Completed by (print name):					
(signature)					
Company:					
Remarks and action taken:					
.....					
Device left in a safe, usable condition: Yes <input type="checkbox"/> No <input type="checkbox"/>					
(if 'No' explain in remarks and action taken)					

Date:		Time:			
Service type:					
Periodic inspection	<input type="checkbox"/>	Monthly inspection	<input type="checkbox"/>	Repair	<input type="checkbox"/>
6-Month inspection	<input type="checkbox"/>	Yearly inspection	<input type="checkbox"/>	Other	<input type="checkbox"/>
Completed by (print name):					
(signature)					
Company:					
Remarks and action taken:					
.....					
Device left in a safe, usable condition: Yes <input type="checkbox"/> No <input type="checkbox"/>					
(if 'No' explain in remarks and action taken)					

Mackworth



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Disclaimer

While every effort has been made to ensure the accuracy of information contained in this user manual, no liability can be accepted by Freeway for any errors or omissions. Freeway operates a policy of continuous improvement. Specifications and other data are subject to change without notice.

