

Re-Charging the Batteries



Fig 1
Fitting / removing mains lead to / from control box

Fig 2
Image showing the green power 'ON' light and the amber 'CHARGE' light

Fig 3
Image showing the green power 'ON' light and the 'CHARGE' light out.

Fig 4
Image showing the battery level indicator showing 4 bars

Fig 5
Image showing the mains lead plug mounted on the hoist.

An audible warning will sound when the batteries need charging and a visual LCD at the bottom of the control box will display one bar. A fully charged hoist will display four bars (Fig 4). Do not continue to use the hoist beyond the lifting operation in progress after the warning first sounds. Two 12 V batteries are located within the power pack above the control box.

⚠ NOTE: Emergency stop button must be in 'OUT' position when charging.

- Fit the mains power lead to the small figure of eight shaped socket in the base of the control unit (Fig 1)
- Plug the mains plug into a suitable mains outlet and switch the main supply ON
- The 'ON' light on the control box will be green to show that the power is reaching the control box (Fig 2)
- The 'charge' light will illuminate amber initially to show that the batteries are receiving a charge (Fig 2)
- The amber light will go out once the batteries are fully charged (Fig 3)

Charging is automatic and will fully charge the batteries over a period of eight to twelve hours.

⚠ NOTE: Batteries should be kept on charge when hoist is not in general use.

This ensures that the hoist is ready to use and prolongs battery life. The internal charger in the control box will not allow the batteries to 'overcharge'. In accordance with the battery manufacturers recommendations, all batteries should be fully charged for twenty four hours every four months if in storage, or not in regular use.

⚠ DO NOT use the hoist when the mains lead is connected to the wall socket

⚠ DO NOT expose the battery or control box to water


To return the hoist to service, switch OFF the mains supply and remove the plug from the mains outlet. The charger lead can either be removed from the control box and stored separately or left in situ on the hoist with the mains plug in the clip provided on the hoist (Fig 5).

Technical Specifications

Model Specification	M150	M175
Maximum Weight Capacity	150	175
Maximum Lifting Height	1630	1770
Minimum Lifting Height	540	600
Internal Leg Open	1020	1040
Internal Leg Closed	620	620
Overall Length	1140	1240
Spreader Bar at Max Reach	1040	1240
Reach at Max Height	520	560
Reach at Min Height	420	500
Max Reach	735	810
Turning Radius	1200	1300
Legs Open – External Width	1120	1140
Legs Open – Internal Width	1020	1040
Legs Closed – External Width	720	720
Legs Closed – Internal Width	620	620
Overall Height of Legs	123	123
Ground Clearance	50	50
Front Twin Castors	100	100
Rear Braked Castors	100	100

Weights	M150	M175
Mast & Boom inc all fixings	15	19
Base Assembly	16	18
Assembled Unit	33	39
Battery	2	2

(Dimensions in mm and weights in kg)

 All Freeway mobile hoists are manufactured in the UK to meet and exceed all relevant design, safety and quality standards.

✓ BS EN ISO 10535:2006 Compliant 'Hoists for the transfer of disabled persons – Requirements and test methods'



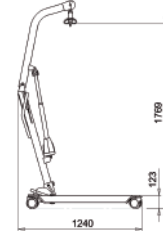
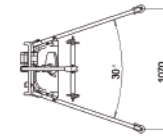
PRISM MEDICAL UK

FREEWAY DIVISION

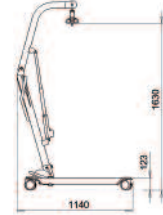
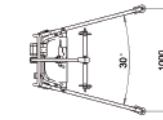


Integra 200, St Asaph Business Park, St Asaph, Denbighshire LL17 0LJ
Tel: +44 (0) 844 980 2296 Fax: +44 (0)844 980 2297 www.prismmedical.co.uk

FREEWAY M-175



M-150



FREEWAY M-Series Mobile Hoists Quick Reference Guide



PRISM MEDICAL UK

Moving and Handling Solutions

FREEWAY M-Series Mobile Hoists

M-Series – the new generation of Freeway mobile hoists.

They are the result of years of experience in developing, manufacturing and supplying hoists, combined with the knowledge gained from working closely with the professionals and caregivers who use them.

Every aspect of the M-Series has been designed to make lifting and handling easier and safer. Its compact, ergonomic design makes it perfect for use in community or nursing environments.

Daily Check List:

The following checks should be carried out daily before using the hoist:

- Make sure the hoist moves freely on its castors.
- Make sure the leg opening and closing is functioning correctly by operating the handset.
- Check the spreader bar for free movement in all directions and that it is securely attached to the boom.
- Examine the sling hooks on the spreader bar for excessive wear.
- Raise and lower the hoist by operating the handset. If the hoist makes a bleeping sound DO NOT USE as it needs to be charged.
- Ensure the hoist is off charge before use and all leads are fully engaged into their sockets on the control box.
- Make sure the mast is fully engaged and the locking nuts are fully tightened.
- Examine slings for fraying or other damage. DO NOT use sling with fraying or damage to the suspension straps or tears in the body of the sling.

Additional Information

- Refer to the user manual supplied with the hoist for full instructions for the safe use and maintenance of the hoist.
- Contact your Freeway authorised dealer for details of service options available for the hoist, slings and accessories.



Prism Sling Size Guide

On the boom of every hoist there is a sling sizing guide for the Prism range of slings. All Prism slings have colour coded edge bindings. This facilitates easy identification of the available slings in a multi use environment.

The Prism range of slings are the result of many years of experience in assessment and clinical expertise, combined with input from professionals 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 client, and aids correct application of the sling by the caregiver.

The range of slings are equally suitable for mobile and ceiling track hoists. All Prism slings are produced here in the UK and carry the CE mark. They are manufactured in an accountable, quality controlled ISO 9001 environment.

Contact your local representative for more information.

Safety Precautions:

Your Freeway hoist has been manufactured in the UK and tested to meet and exceed BS EN 10535:2006 'Hoists for the transfer of disabled persons – Requirements and test methods'.

This does not mean that the hoist can be used without care. ALL OPERATORS should have read the operating instructions and appreciate this section.

- All hoists are less stable on sloping surfaces. A 5-degree slope is the maximum on which the hoist should be used – and then only with great care.
- All hoists are less stable when the load is at maximum height.
- All hoists are less stable when the load is swinging.
- All hoists are dangerous to the client when used recklessly or pushed at speed.
- Do not allow water to enter hand set or battery control box.
- Do not use hoist outside in wet conditions.

Emergency Stop Button

During all operations and at all times, the stop button should be in the out position. In the unlikely event of a failure of the handset control, it is possible that the hoist will continue to lift or continue to lower. This may be overridden by pressing the emergency stop button to stop the movement of the boom section.

To re-set the stop button after it has been pressed, simply twist it slightly clockwise and the button will spring outwards.

THE HOIST WILL NOT OPERATE WITH THE STOP BUTTON PUSHED IN

Emergency Lowering

Manual emergency lowering is facilitated by turning the emergency lowering ring clockwise. The ring is situated at the top of the actuator where the actuator connects to the boom.

Electrical emergency lowering is facilitated by pressing the emergency lowering button that is situated on the front of the control box.

Note: a thin item like a ball point pen will be required to press the button.

Cleaning, Disinfection and Sterilisation

- **Routine cleaning:** the exterior of the hoist can be wiped over with a damp cloth containing a mild soap solution.
- **Disinfection and Sterilisation:** the exterior of the hoist should only be, disinfected and sterilised using Isopropyl alcohol. Damp a cloth with isopropyl alcohol and wipe down the entire exterior of hoist.
- **DO NOT IMMERSE THE HOIST UNIT**



The M-Series has a durable protective coating with FREECOTE – Our unique antimicrobial and antibacterial coating.



Emergency lowering button, use a ball point pen to press the button.



Emergency stop button, push in to operate. Twist to reset.



Manual emergency lowering, twist clockwise to lower.

Key to Hoist Components

- 1 Carry bar
- 2 Sling size guide
- 3 Boom
- 4 Handset
- 5 Manual emergency lowering
- 6 Battery pack
- 7 Push handles
- 8 Actuator
- 9 Mains lead
- 10 Actuator
- 11 Emergency stop button
- 12 Mast
- 13 Control box
- 14 Rear foot / tip bar
- 15 Lockable rear castors
- 16 Legs
- 17 Bump guards

