

mackworth

## Raiser Transfer Aid



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## Mackworth Raiser Pre-Sales Information

For further information on the product and details summarised within this document please refer to the Mackworth Raiser User Manual.

If you require larger print or videos – these are available on the Prism Website <http://prismmedical.co.uk>

### 1.0 Intended Use

For internal use only.



The Mackworth Raiser is a sit to stand platform, which is designed to provide an active, safe and comfortable transfer of the user. It is ideal for short distance transfers, such as to/from bed to chair.

Its versatility allows use with wheelchairs, toilet and shower chairs. Soft and wide padding in the leg support improves stability, and the sturdy handle offers many grip options for both the user and the carer.

The rear wheels with independent locking manual brakes, makes it easy for a carer to manoeuvre, and provides maximum stability and safety for the user.



The Mackworth Raiser has a safe working load of 160 kg, this load must not be exceeded.

The device is used under instruction, and the operation of the aid is undertaken by a trained carer.

A risk assessment must be performed before using any other manufactured Transfer Aid, to ensure safe use can be established.

The belt(s) is a specially designed fabric accessory that attaches to the Transfer Aid by means of the hooks on the rear face of the handle, this holds and aids an individual while the transfer takes place. The sling is supplied separately from the Transfer Aid at the initial time of purchase.

If additional accessories have been supplied with the Transfer aid, refer to the instructions included with those items.

### 1.1 Warning Notes



Your Raiser Transfer Aid has been manufactured and tested to exceed BS EN 12182:2012. This does not mean that it can be used without care. ALL OPERATORS should have read the operating instructions and appreciate this warning section.

1. ALL Transfer Aids are less stable on sloping surfaces. A 5-degree slope is the maximum permitted and then only with great care.
2. ALL Transfer Aids are dangerous to the person being transferred when used recklessly or pushed at speed.
3. ALL Transfer Aids are less stable when the load is moving.
4. Use of this equipment adjacent to or stacked with other equipment should be avoided, as it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

### 1.2 Operating Environment

The Raiser Transfer Aid is intended for use within the professional health care facility environment as well as the home health care environment. The Transfer Aid is not suitable for any other environment or special environments.

The Transfer Aid is not intended to be used in environments where there are rapid changes in the environmental temperature and humidity during intended use.

Internal use only when operating the Transfer aid.

## 2.0 Belts

The Mackworth Raiser can be used in combination with a Belt to perform its intended use. The sections below include the correct and safe manor of attaching/detaching the Slings as well as a list of approved slings for use.

### 2.1 Sling Attachment/Detachment



The Mackworth Safety Belt should be fitted to the user prior to assisting with the stand. Refer to the sling user guide.

1. Place the belt around the user's waist, ensuring the elasticated section is placed on the user's lumbar spine and the solid section is place under the user's coccyx.
2. Fasten in place using the Velcro straps and adjustable buckle fastening support belt (ensure support belt is at maximum length)
3. The user can now be stood following the correct standing process.
4. Once the user is stood, the buckle fastening support belt can be passed through the opening in the centre vertical handle and adjusted to provide optimum support during the transfer

To remove the sling, simply reverse the processes shown in the above statements.

### 2.2 Compatible Belts

We recommend the use of the Freeway belt range (type 'B' applied part) to be utilised with the Mackworth Raiser. It is at the user's discretion to use alternative supplied product. In utilising another manufacturer's belt, checks must first be made to ensure the belt is safe to use and meets the requirements of BS EN ISO 10535 before its use.

The belts with a safe working load of 160kg that can be used with the Mackworth Raiser are shown below in Table 3, complete with product codes. For all components, the lowest maximum safe working load must always be adhered to.

Size	Freeway Belt Range - Product Codes
<b>Freeway Raiser Safety Belt</b>	
XX Small	2002ACCRAISBXXS
X Small	2002ACCRAISBXS
Small	2002ACCRAISBELTS
Medium	2002ACCRAISBELTM
Large	2002ACCRAISBELTL
XL	2002ACCRAISBXL
<b>Freeway Raiser Ladder Belt</b>	
One Size	2002ACCRAISLA

Table 1



Figure 1



Figure 2



Figure 3

**Freeway Ladder Belt**



Figure 4

**Freeway Safety Belt**

### 3.0 Technical Specification

#### 3.1 Raiser Dimensions – Single Knee Pad

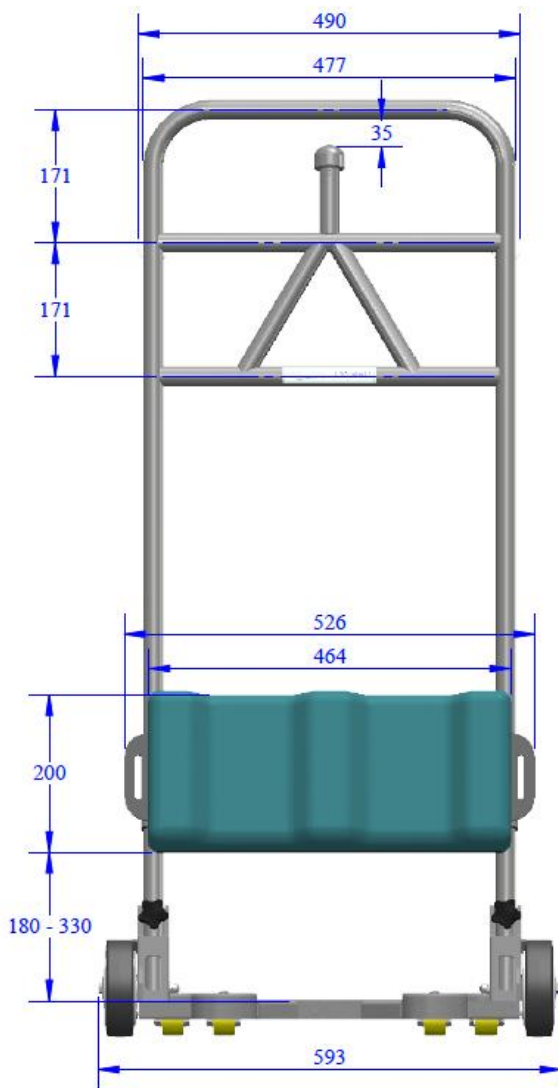


Figure 5

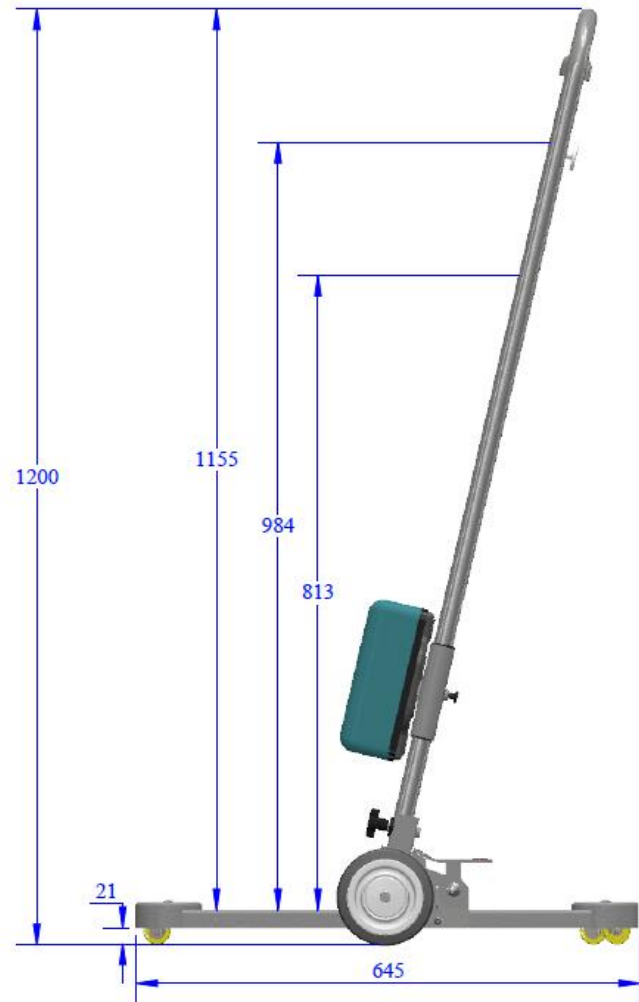


Figure 6

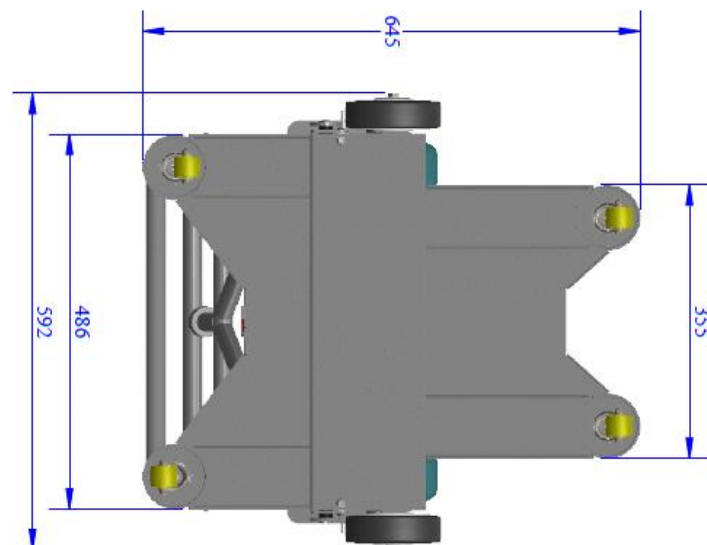


Figure 7

## 3.2 Raiser Dimensions - Double Knee Pad

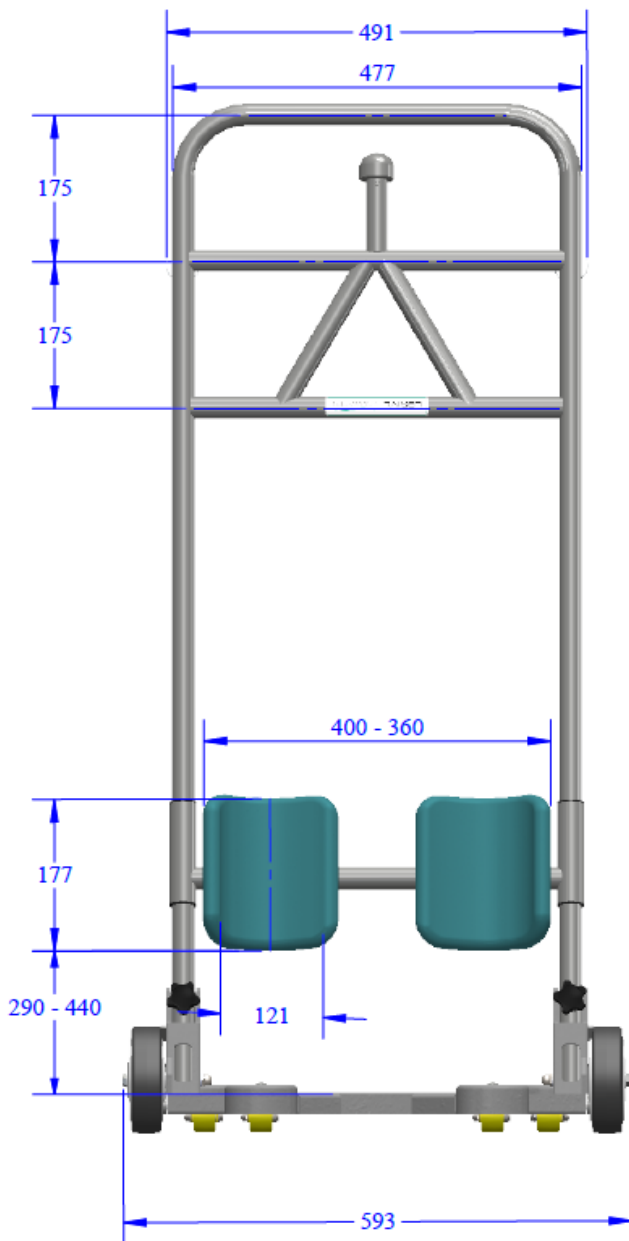


Figure 8

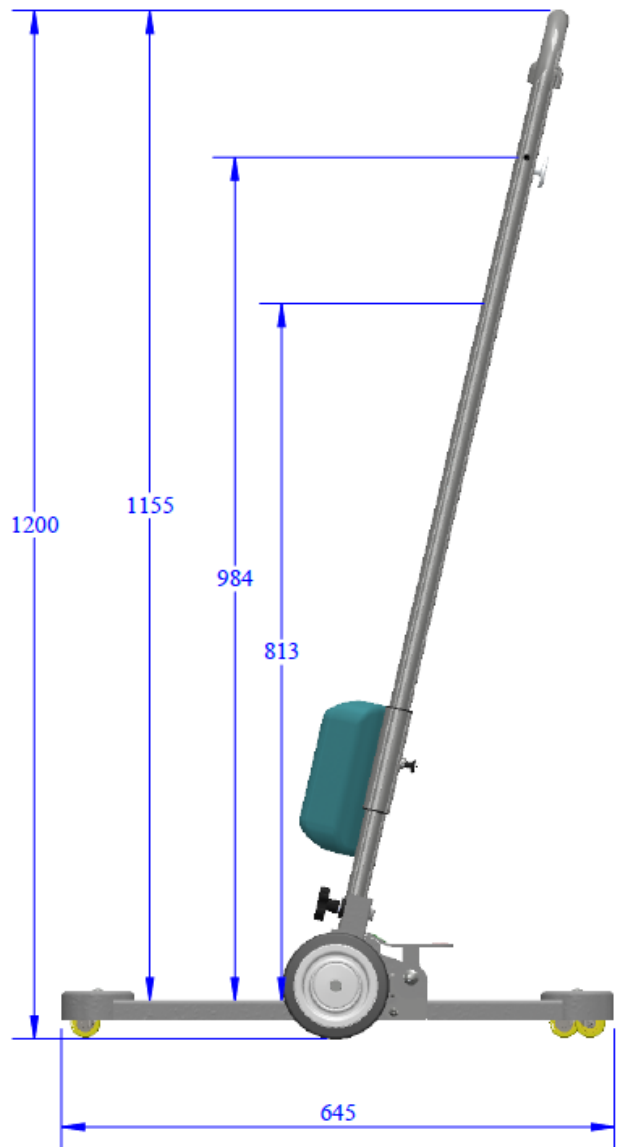


Figure 9

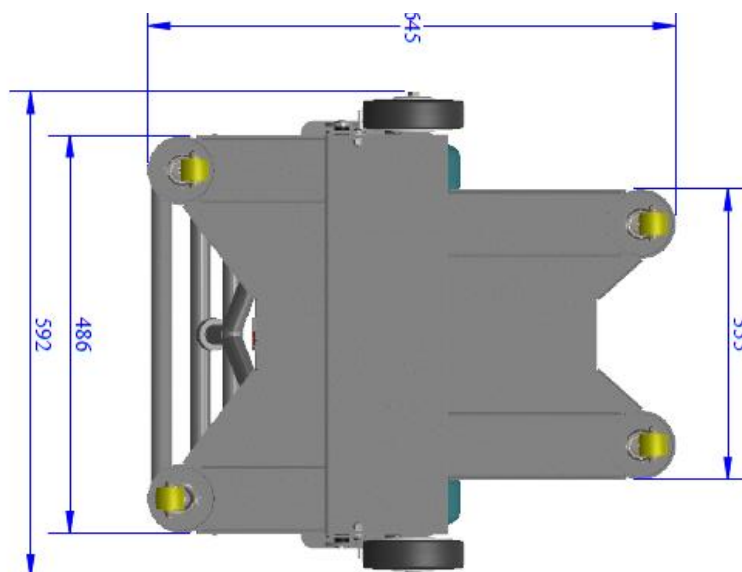


Figure 10

### 3.3 Specifications

Dimensions	
Turning Circle	575mm
Overall Height	1200mm
Overall Width	592mm
Ground Clearance	21mm
Front and Rear Castors	35mm
Middle Wheel	125mm

Table 2

Weights	
Safe Working Load (SWL)	160 kg
Raiser – Single Knee Pad	20 kg
Raiser – Double Knee Pad	21 kg
Handle - Single Knee Pad	8.2 kg
Handle – Double Knee Pad	9 kg
Handle	5.5 kg
Base	11.5 kg

Table 3

Operational Forces	
Operating Force (with 160 kg)	100N
Operating Force (with 0 kg)	8N
Operation of the Brake	75N
Sliding the Knee Pad Up	60N
Sliding Double Knee Pad Apart	45N

Table 4

## 4.0 Environmental - Storage and Operating Conditions

The Transfer Aid is intended for internal use within normal environmental conditions.



It is not intended to be used in environments where there are rapid changes in the environmental temperature and humidity during intended use.

### 4.1 Normal Operating Conditions

+5°C to +40°C (41°F to 104°F) at a relative humidity between 15% to 90% RH, non-condensing but not requiring a water vapour pressure greater than 50hPa and atmospheric pressure between 700hPa to 1060hPa.

### 4.2 Shipping and Storage Conditions

-25°C to +5°C (-13°F to 41°F) with any humidity level.

+5°C to +35°C (41°F to 95°F) at a relative humidity up to 90%.

+35°C to 70°C non-condensing at a water vapour pressure up to 50hPa.

## 5.0 Maintenance



No service is to be carried out on the Raiser Transfer Aid while transferring a person to reduce the risk of injury. Service must be completed by a Prism Medical UK authorised Service Engineer. Do not attempt to service the product yourself, or warranty is void.

To ensure the safety and continued good function of your Transfer Aid, routine service must be performed on your Raiser Transfer Aid.

Service should be completed by a Prism Medical UK approved service engineer every 6 months to ensure the products required standard is maintained. The service history of the product should be documented each service in the Service Log at the back of this User Manual.



When the Transfer Aid is serviced, the 6 month service checklist must be completed for the Raiser Transfer Aid.

Service Manual Document Number: 995061.

Spare Parts Manual Document Number 992061

The Service must be completed every 6 months after installation of the Transfer Aid to comply with LOLER Regulations.

The Raiser Transfer Aid has an expected Service Life of 10 Years.

Contact your local authorised Prism Medical UK dealer if you:

- Need more information.
- Have any questions about the use or service of your Transfer Aid.
- Notice any change in the performance.
- Want to report an unexpected occurrence.
- Want to arrange a service.
- Need to ascertain necessary information for replacement parts and components.

Contact details of your local Harvest Healthcare dealer are shown on the last page of this manual.



## 6.0 Cleaning

Please follow the cleaning guidelines below on cleaning and disinfecting the Transfer Aid.

### 6.1 General cleaning



It is recommended to clean the Raiser and accessories before the use by a different patient, reducing the risk of cross-contamination.

The exterior of the Raiser 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.

### 6.2 Disinfecting (if necessary)

Should the Transfer Aid require a more thorough clean, the use of the Actichlor™ disinfectant product (which is widely available in tablet form and used throughout the health care industry) is recommended.



Follow the manufacturer's safety instructions for the use of the cleaning product before use to ensure safe use for the operator and the patient.

Ensure the cloth is damp before the cleaning process.

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





**Manufacturer contact details:**

Prism Medical UK

**Address:** Unit 1 • Tir Llwyd Industrial Estate • St Asaph Avenue • Kinmel Bay • Conwy • LL18 5JZ

**Telephone Number:** 01924 840100

## Disclaimer

While every effort has been made to ensure the accuracy of information contained in this user manual, no liability can be accepted by Prism Medical UK for any errors or omissions.

Prism Medical UK operates a policy of continuous improvement. Specifications and other data are subject to change without notice.



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Unit 1 • Tir Llwyd Industrial Estate • St Asaph Avenue •  
Kinmel Bay • Conwy • LL18 5JZ



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