

# FSG130

Free Standing Gantry



## Pre-Sales Manual

## Contents

1	Intended Use.....	3
1.1	Warning Notes.....	3
1.2	Operating Environment.....	3
2	Technical Specification .....	4
2.1	FSG130 Dimensions.....	4
2.2	Specifications.....	4
3	Environmental - Storage and Operating Conditions .....	5
3.1	Normal Operating Conditions .....	5
3.2	Shipping and Storage Conditions.....	5
4	Maintenance.....	5
5	Cleaning.....	5
5.1	General Cleaning.....	5
5.2	Disinfecting (if necessary).....	6

## 1 Intended Use

For internal use only.

The FSG130 rail system together with a portable hoist, shall be used for transferring an elderly or disabled person; e.g. in the private homes sector.

The free standing gantry is a portable rail system which can be set up practically anywhere and requires no mounting on walls, ceiling or to the floor. The free-standing rail system is length and height adjustable.

### 1.1 Warning Notes



Your FSG130 has been manufactured and tested to exceed BS EN 10535:2021. 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. A FSG130 is less stable on sloping surfaces. The manufacture recommends the FSG130 is only installed on a flat and level surface.
2. All FSG130s are dangerous to the person being transferred when used without training.

### 1.2 Operating Environment

The FSG130 is suitable for use within the professional health care facility environment as well as the following listed:

- Home environment
- Hospital and/or treatment centre
- Residential care home
- Education institute

The FSG130 is not suitable for any special environments.

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

## 2 Technical Specification

### 2.1 FSG130 Dimensions

All dimensions below are shown in millimetres.

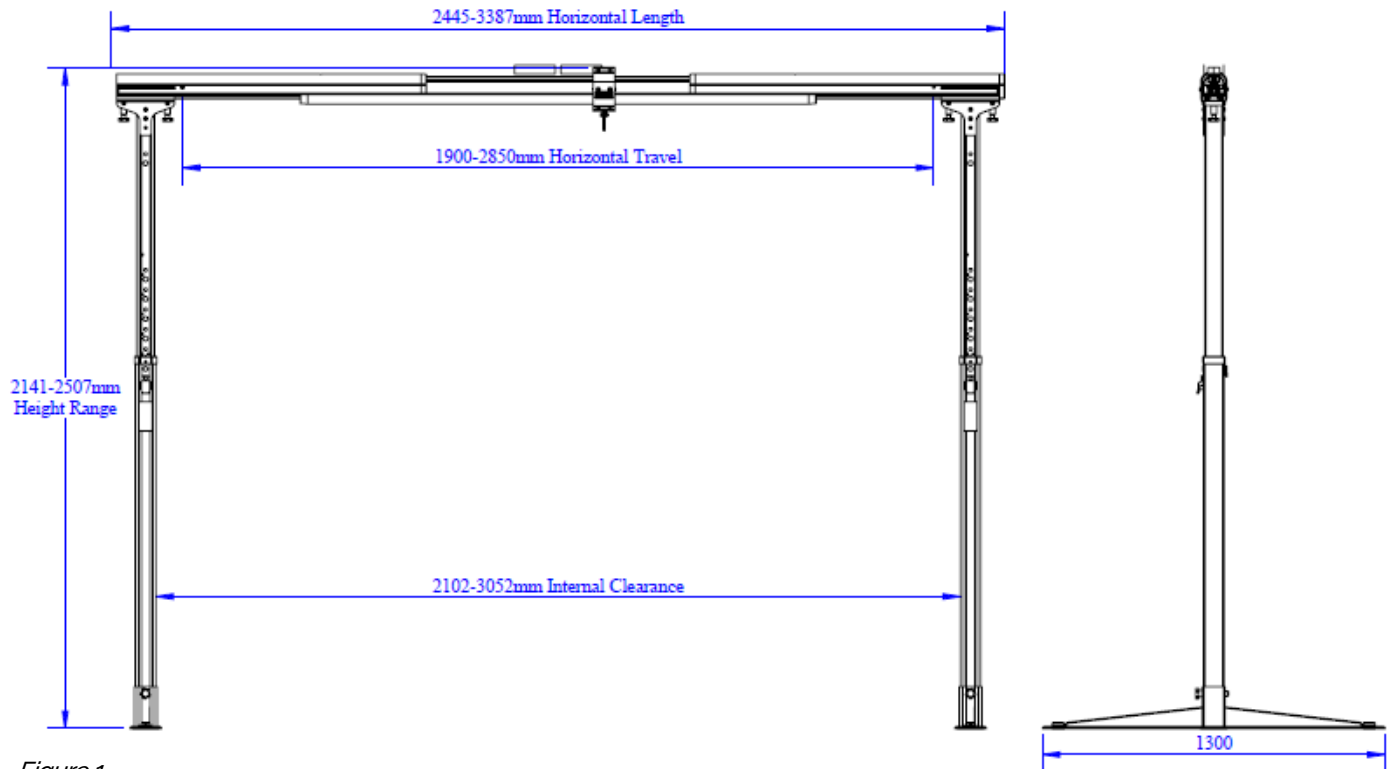


Figure 1

### 2.2 Specifications

Dimensions	
Maximum Height	2,508 mm
Lowest Height	2,141 mm
Maximum Length	3,387 mm
Minimum Length	2,445 mm
Internal Maximum Clearance	3,052 mm
Internal Minimum Clearance	2,102 mm
Weights	
Safe Working Load (SWL)	130 kg
Track	6.8 kg
Support Post & Foot	9.1 kg
Ful Product	22.7 kg
Operational Forces	
Latch	3 N
Moving Trolley - with hoist (0 kg)	6 N
Moving Trolley (130 kg)	97 N

Table 3

### 3 Environmental - Storage and Operating Conditions

The FSG130 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.

#### 3.1 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 795hPa to 1060hPa.

#### 3.2 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 (95°F to 158°F) non-condensing at a water vapour pressure up to 50hPa.

## 4 Maintenance



No service is to be carried out on the FSG130 while transferring a person to reduce the risk of injury. Service must be completed by an authorised Smirthwaite Service Engineer. Do not attempt to service the product yourself, or warranty is void.

To ensure the safety and continued good function of your FSG130, routine service must be performed on your FSG130.

The service history of the product should be documented each service in the Service Log at the back of this User Manual.



When the FSG130 is serviced, the service checklist must be completed.

[Service Manual](#) Document Number: 995134

[Spare Parts Manual](#) Document Number: 992134

Contact your local authorised Smirthwaite dealer if you:

- Need more information.
- Have any questions about the use or service of your FSG130.
- 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 Smirthwaite dealer are shown on the last page of this manual.

## 5 Cleaning

Please follow the cleaning guidelines below on cleaning and disinfecting the FSG130.



#### 5.1 General Cleaning

It is recommended to clean the FSG130 and accessories before use by a different person, reducing the risk of cross-contamination.

The exterior of the FSG130 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.

## 5.2 Disinfecting (if necessary)

Should the product 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 Sporcidal. 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 manufacturer's product labelling.

**User notes:**

**Dealer/service contact details:****Manufacturer contact details:****Prism Medical UK**

Unit 1, Tir Llwyd Industrial Estate,  
St Asaph Avenue, Kinmel Bay,  
Conwy, United Kingdom, LL18 5JZ

Telephone Number: 01924 840100

**Disclaimer**

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