

*drive*

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1210, 1213 and 1216  
Grab Rails

Instructions for use

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# I. INTRODUCTION

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Thank you for purchasing a Drive DeVilbiss Healthcare Ltd. Grab Handle. These instructions for use detail the fitting procedure and use of the 1210/GRAB, 1213/GRAB and 1216/GRAB with recommended Drive DeVilbiss Healthcare Ltd. beds. Please ensure that you understand all instructions, if you have any questions concerning the fitting or operation of the product please contact your equipment provider or Drive DeVilbiss Healthcare Ltd. who will provide you with expert professional advice. Drive DeVilbiss Healthcare Ltd. recommend that grab handles are fitted and maintained by Drive DeVilbiss Healthcare Ltd. service engineers or qualified personnel.

The bed's instructions for use are to be read carefully in combination with this information to ensure that all relevant information is understood.

The grab handles are designed to fit beds with 2" (50.8mm) x 1" (25.4mm) rectangular side tubes.



- Whilst every care has been taken by Drive DeVilbiss Healthcare Ltd. to ensure that the design of the grab handles meet the relevant safety standards, beds fitted with grab handles can still pose a potential risk of death from entrapment and asphyxiation, particularly if fitted poorly / incorrectly.
- All staff responsible for the purchase, selection for use, and the fitting of grab handles should be aware of the potential risk of falls, entrapment and asphyxiation when a bed is occupied, and when the bed and patient are left unattended.
- Care must be taken when positioning and adjusting grab handles to ensure that any spaces between the grab handle, mattress or bed frame will not allow entrapment of the occupant's head or body. In addition, consideration should be given to the size and physiological condition of the occupant and an assessment undertaken to ensure that the spacing between the bars of the grab handle are not wide enough to present a potential risk of entrapment and / or asphyxiation. All staff responsible are to be aware that increased vigilance is required when nursing patients in beds fitted with grab handles.
- If there is any doubt about the assembly or suitability of the grab handles contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted grab handles can lead to death.
- Before grab handles are fitted to the bed, a risk assessment must be

## 2. CONTACT INFORMATION

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For any service, warranty, sales or customer service information regarding this product please contact your provider or if in doubt contact Drive DeVilbiss Healthcare Ltd. at the following address:

Drive DeVilbiss Healthcare Ltd.

Heathfield Lane

Birkenshaw

West Yorkshire

BD11 2HW

United Kingdom

Please quote the product serial number on all correspondence. This can be found on the identification label located on the underside of the grab handle.

### **Service & Maintenance**

Tel: +44 (0)1422 233136

Fax: +44 (0)1422 233010

### **Spares**

Tel: +44 (0)1422 233138

Fax: +44 (0)1422 233010

### **Customer Service**

Tel: +44 (0) 845 0600 333

Fax: +44 (0) 845 0600 334

[info@drivedevilbiss.co.uk](mailto:info@drivedevilbiss.co.uk)

[www.sidhil.com](http://www.sidhil.com)

[www.drivedevilbiss.co.uk](http://www.drivedevilbiss.co.uk)

For Service & Support outside the United Kingdom & Northern Ireland please contact the local distribution company from where this equipment was purchased. Failure to do so may result in the manufacturer's warranty becoming void.

### 3. SYMBOL DEFINITION

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The following symbols are found on this product:



Refer to instructions for use - Mandatory  
Failure to read the instructions for use could introduce a hazard



Lot number



Date of manufacture



Manufacturer

### 4. PART IDENTIFICATION

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The package contents are shown below, please ensure you have all parts shown before attempting to fit the grab handle to the bed. Note that your product may vary visually depending on the type of grab handle you have ordered.



(1216/GRAB shown for illustrative purposes only)

## 5. FITTING THE GRAB HANDLE

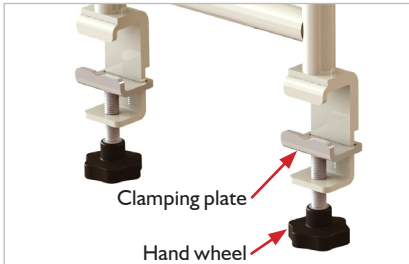


- If there is any doubt about the fitting of the grab handle contact the provider of the equipment or Drive DeVilbiss Sidhil Ltd., incorrectly fitted grab handles can lead to death.
- Care must be taken when using the I210/GRAB with beds that feature rising backrests, as the gap between the two components can introduce a finger entrapment hazard, positioning dependent.
- The grab handle clamping plates should not be fixed over welds / parts of the bed frame that could cause instability when fitted - risk of injury.

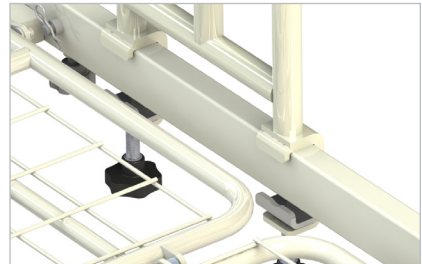
**IMPORTANT:** If using the I210/GRAB with the Solite Pro range of beds, the guidelines in section 5.2 must also be followed when positioning the grab handle to ensure the moving parts of the bed do not clash with the grab handle, and to ensure no risk of patient entrapment is introduced.

### 5.1 General

1. Slide the clamping plates onto the hook brackets and screw the hand wheels in place. Note the correct orientation of the clamping plates.
2. Loosen the hand wheels sufficiently to allow the hook brackets and clamping plates to fit around the side tubes of the bed frame.

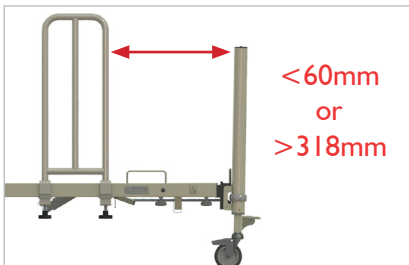


5.1.1 Sliding clamping plates onto hook brackets

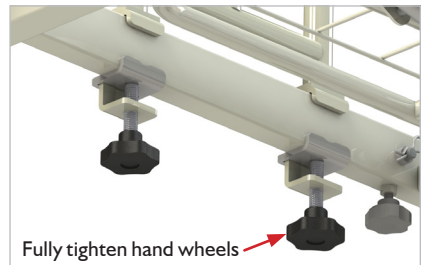


5.1.2 Hook grab handle onto bed frame

3. **IMPORTANT!** For safety reasons, it is critical that the distance between the grab handle and the bed end is less than 60mm or greater than 318mm.
4. Fully tighten both hand wheels, ensuring the grab handle is securely fastened and the clamping plates are correctly hooked around the bed frame.



5.1.3 Grab handle positioning

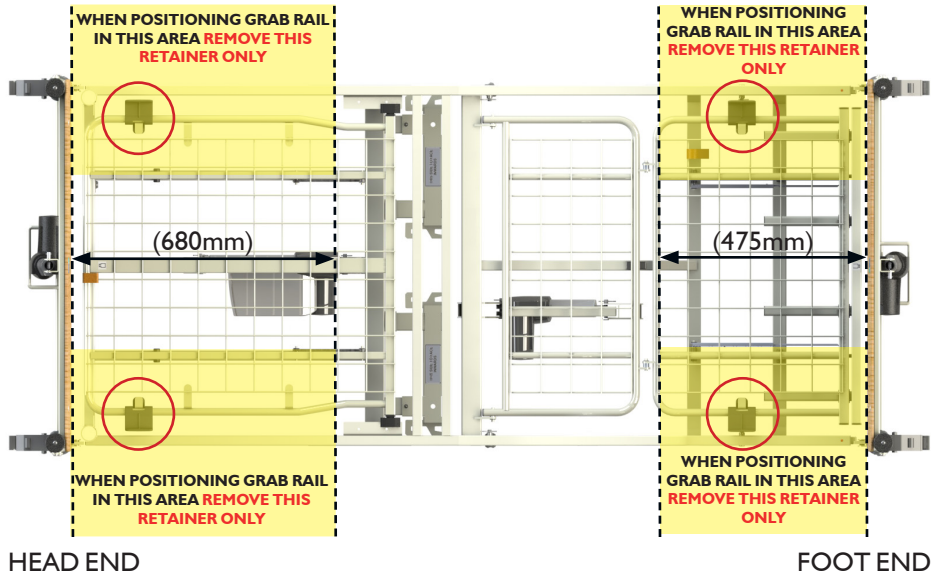


5.1.4 Tightening hand wheels

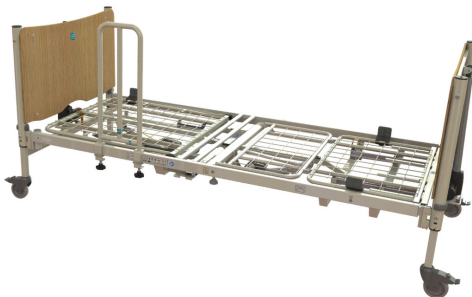
## 5.2 Positioning I210/GRAB on the Solite Pro Bed Range

Care must be taken when fitting the I210/GRAB to the Solite Pro range of beds to ensure the moving parts of the bed do not clash with the grab handle, and to ensure no risk of patient entrapment is introduced.

If fitting the I210/GRAB to Solite Pro beds with plastic mattress retainers, and the accessory is positioned in one of the areas highlighted below, the retainer closest to the grab rail should be removed before the bed is used:



Example of grab rail fitted correctly with appropriate retainer removed:



**IMPORTANT:** When the grab rail is removed from the bed the mattress retainer must be refitted.

## 6. USING THE GRAB HANDLE

The grab handles covered in these instructions for use are designed to be used as an aid for the patient when getting on and off the bed frame. The patient may also use the grab handle to aid repositioning when lying in the bed.



Do not use the grab handle to move the bed – Grab handle / bed frame could be damaged.

## 7. GRAB HANDLE / SIDE RAIL COMPATIBILITY CHART

	I210/GRAB	I213/GRAB	I216/GRAB
GRANGE/SR	✓*	-	-
SOLITE/PRO/SR	✓*	-	-
SOLITE/PRO/SR/EXT	✓*	-	-
SOLITE/SR/2	-	✓	-
No side rails fitted	✓	-	✓



\* Care must be taken when raising / lowering the GRANGE/SR, SOLITE/PRO/SR, and SOLITE/PRO/SR/EXT when used in conjunction with the I210/GRAB, as the gap between the two components can introduce a finger entrapment hazard, positioning dependent.

Drive DeVilbiss Sidhil cannot be held responsible for any injury or incident which relates to the use of any product combinations not approved by Drive DeVilbiss Sidhil Ltd.

It is the carer's responsibility for selecting and fitting the products correctly and ensuring that the product combination is compatible.



## **8. MAINTENANCE**

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Drive DeVilbiss Healthcare Ltd. recommends that the carer performs frequent visual and operational inspections. If there are any signs of damage, missing parts, or the grab handle is not performing as it should withdraw it from service until it has been repaired and is fit for use again.

Periodically check to ensure that:

- The grab handle hand wheels are tight and the grab handle frame is correctly positioned on the bed frame (see section 5).
- The product operates as per its intended purpose.
- The plastic mouldings are mechanically sound, no sign of cracking or damage.
- The metal fabrications are mechanically sound, no sign of cracked weld or paint, or deformation.
- No parts show signs of excessive wear.
- If any gaps appear to be outside of specification remove the grab handle from use until the dimension of the gap in question has been confirmed and rectified where appropriate.
- Ensure the grab handle is complete, missing parts should be replaced before the grab handle is used.
- The product is cleaned following the guidelines in these instructions for use.

## **9. CLEANING**

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It is advisable to remove the grab handle from the bed prior to cleaning.

- Wipe down with a disposable soft cloth moistened with a mild detergent and diluted in warm water (40°C).
- Rinse with cold, clean water and a clean cloth, and allow to fully dry before use.

If the product becomes soiled and the need to thoroughly disinfect is required, please refer to the bed's instructions for use for full decontamination detail. Alternatively, contact Drive DeVilbiss Healthcare Ltd. using the contact details provided.

## 10. SPECIFICATION

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	<b>I210/GRAB</b>	<b>I213/GRAB</b>	<b>I216/GRAB</b>
<b>Width</b> (overall)	270mm	270mm	270mm
<b>Height</b> (overall)	748mm	748mm	602mm
<b>Height</b> (above mattress platform when fitted to bed)	615mm	615mm	465mm
<b>Depth</b> (overall)	42mm	116mm	81mm
<b>Depth</b> (from outside of mattress platform when fitted to bed)	In line with platform	85mm	50mm
<b>Product weight</b>	2.2kg	2.5kg	2.5kg



# WARRANTY

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Drive DeVilbiss Healthcare Ltd. warrants that this product will perform in accordance with its specification and will remain free from defects in material and workmanship when used under normal conditions for a period of 1 year (1 year full parts and labour) from the date of purchase from Drive DeVilbiss Healthcare Ltd. and its subsidiary companies. If purchased from an authorised dealer or international distributor, the product is warranted for 1 year parts only. DRIVE DEVILBISS HEALTHCARE LTD. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. IN NO EVENT WILL DRIVE DEVILBISS HEALTHCARE LTD. BE LIABLE FOR PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES, OR FOR AN AMOUNT IN EXCESS OF THE PURCHASE PRICE OF THE DEFECTIVE DRIVE DEVILBISS HEALTHCARE LTD. PRODUCT OR PRODUCTS.

This limited 1 year warranty gives you specific legal rights and you may also have other rights.

Drive DeVilbiss Healthcare Ltd. has a policy of continual product improvement and reserves the right to amend specifications covered in this document.

Please contact Drive DeVilbiss Healthcare Ltd. for complete warranty information.

No part of this document may be reproduced without the written approval of Drive DeVilbiss Healthcare Ltd.



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INSTRUC/1210/GRAB, 2019/05 - Rev.12