



Integral Side Rails
&
Side Rail Height Extensions
(with removable foot ends)

Instructions for use

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All information in this document is intended for authorised personnel use only. Incorrectly specified and incorrectly fitted side rails and side rail height extensions can lead to death.

1. INTRODUCTION

Thank you for purchasing the Solite Pro integral side rails / Solite Pro side rail height extensions (with removable foot ends). These instructions for use detail the fitting procedure and use of both the integral side rails and integral side rail height extensions with the Solite Pro bed. Please ensure that you understand all instructions, if you have any questions concerning the operation or maintenance of the product please contact your equipment provider or Drive DeVilbiss Healthcare Ltd. Drive DeVilbiss Healthcare Ltd. recommend the side rails and side rail height extensions 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 document to ensure that all relevant information is understood.



Warning

- Whilst every care has been taken by Drive DeVilbiss Healthcare Ltd. to ensure that the design of the side rails and height extensions meet the relevant safety standards, beds fitted with side rails 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 adjustment of bed side rails and height extensions should be aware of the potential risk of entrapment and asphyxiation when a bed is occupied, and when the bed and patient are left unattended.
- The side rails and side rail height extensions identified in these instructions for use are only suitable for use with the Drive DeVilbiss Healthcare Ltd. Solite Pro bed range and no other iterations of bed frame.
- Care must be taken when positioning and adjusting side rails and height extensions to ensure that any spaces between the side rails, height extensions, 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 side rails 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 side rails.
- If there is any doubt about the assembly or suitability of the side rails or side rail height extensions contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted side rails can lead to death.
- Before side rails or side rail height extensions are fitted to the bed, a risk assessment must be performed on a patient by patient basis to assess suitability.
- The bed should never be extended whilst side rails are fitted, risk of falling parts could lead to injury.

2. CONTACT INFORMATION

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 labels, which are located on the inside of the backrest section frame, on the inside of the leg section frame, and on the lower section of each bed end.

Customer Service

Tel: 0845 0600 333
Fax: 0845 0600 334
Email: customer.service@drivedevilbiss.co.uk

www.sidhil.com

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

The following symbols are found on this product:



Warning
Beware of potential hazard



Refer to instructions for use -
Recommended

Failure to read the instructions for use
could introduce a hazard



Refer to instructions for use -
Mandatory

Failure to read the instructions for use
could introduce a hazard



Lot number



Date of manufacture



Manufacturer



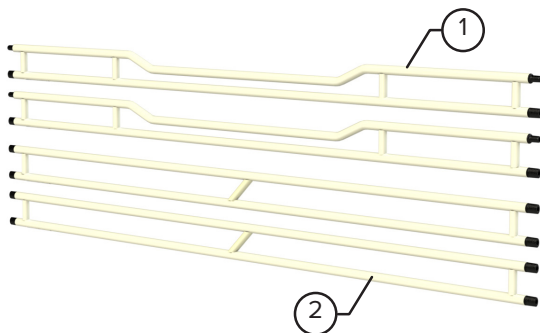
Catalogue number

4. PART IDENTIFICATION

Your package contents will vary depending on the product you have ordered; integral side rails, extended length side rails, or side rail height extensions. The package contents of each are detailed below, please ensure you have all parts shown before attempting to fit the accessory to the bed.

4.1 Integral Side Rails

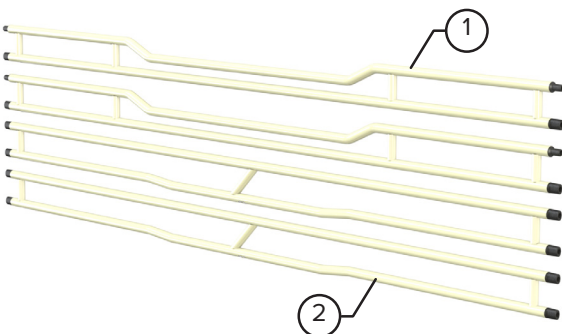
1. Upper side rail x 2
2. Lower side rail x 2
(identified by diagonal support in centre)



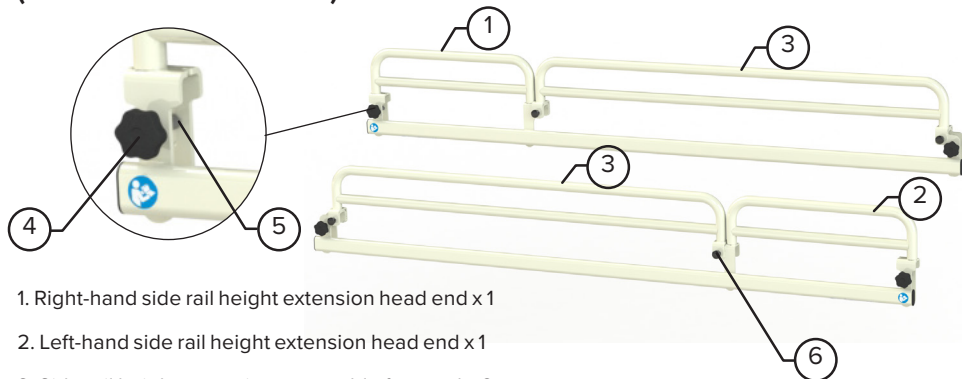
4.2 Extended Length Integral Side Rails

1. Upper extended length side rail x 2
2. Lower extended length side rail x 2
(identified by diagonal support in centre)

Note: Both the upper and lower extended length side rails feature a bent tube.



4.3 Side Rail Height Extensions (with removable foot ends)



1. Right-hand side rail height extension head end x 1
2. Left-hand side rail height extension head end x 1
3. Side rail height extension removable foot end x 2
4. Hand Wheel x 4
5. Spacer Bush x 4
6. Release Plunger x 4

5. FITTING THE SIDE RAILS

Ensure the bed extension is positioned at the correct length for the side rails that are being fitted (extended length or standard length side rails). Refer to the bed instructions for use for details of how to adjust the bed extension.

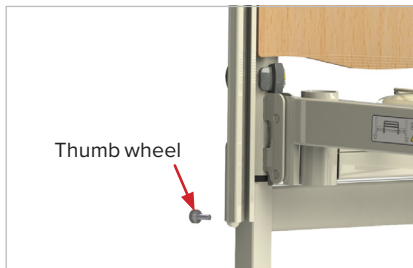
Raise the bed to approximately the midpoint of its height range. Refer to the bed instructions for use for details of handset operation.



If there is any doubt about the assembly of the side rails contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted side rails can lead to death.

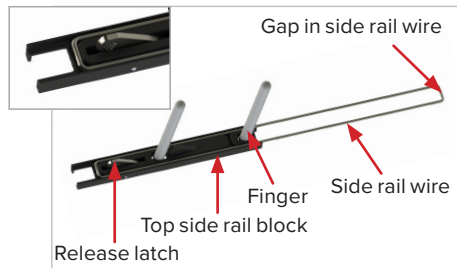
Note: if the side rail blocks are already located inside the side rail channels, remove the blocks from just one end of the bed, then proceed to assembly stage 4 below.

1. Unscrew the thumb wheels located at the bottom of each side rail channel by hand.



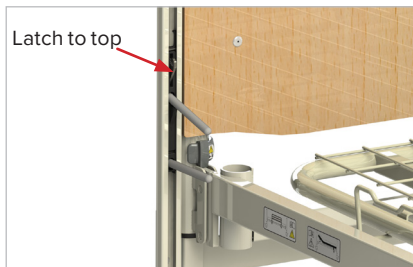
5.1 Thumb wheel removed

2. Clip the side rail wire over the top side rail block, identified by the metal release latch at one end.

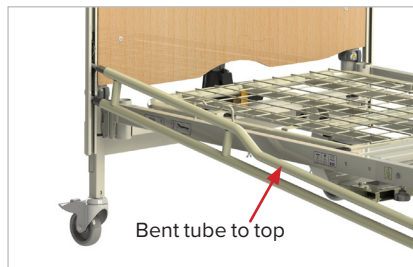


5.2 Top side rail block and wire assembly

3. Insert the top side rail block into one of the side rail channels until it latches in the lowest position; note the correct orientation of the block (release latch to top).
4. Slide the top side rail over the fingers in the top side rail block. This must be oriented so the bent tube is at the top, otherwise assembly will not be possible and an unsafe gap will be introduced.



5.3 Top side rail block latched in lowest position

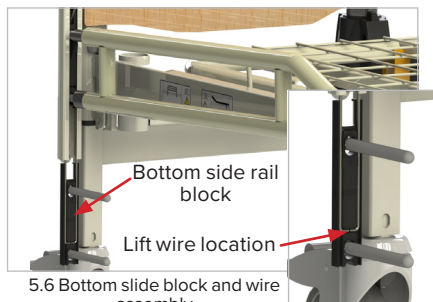


5.4 Top side rail inserted - Correct orientation is crucial

5. Connect another side rail wire and top side rail block together as described in step 2, and insert the fingers into the vacant end of the top side rail. Lift this top side rail block into the channel until it latches in place.
6. Release the latch on one of the top side rail blocks and steadily lower to allow sufficient space for the bottom side rail block to clip over the lift wire. It is essential that the lift wire is clipped into the bottom side rail block in the correct location.

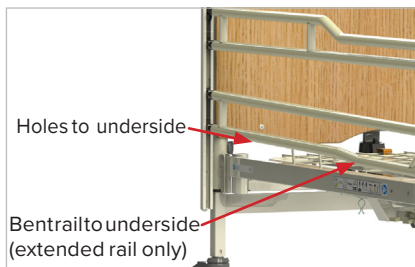


5.5 Top side rail assembled



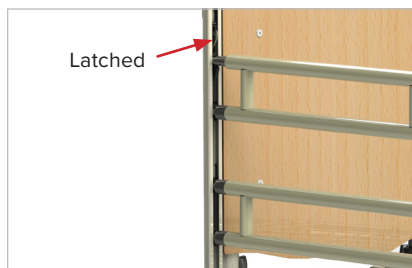
5.6 Bottom side rail block and wire assembly

7. Slide the bottom side rail, identified by a diagonal support, over the fingers in the bottom side rail block. This side rail must be oriented with the holes facing downwards, and if it is an extended length side rail, the bent rail must be positioned at the bottom when assembled to the bed. Raise the side rail so it latches in place at one end.



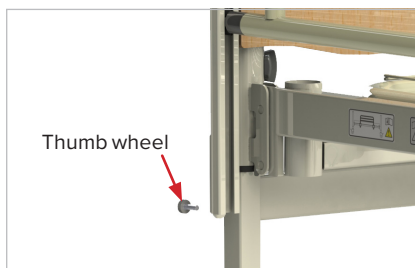
5.7 Bottom side rail inserted

8. Repeat for the other end of the bottom side rail.



5.8 Side rail raised

9. Reinsert the thumb wheels into the bottom of each side rail channel to secure the channels in place and tighten by hand.
10. Repeat the process for the other side of the bed. Check the side rails operate correctly and are oriented as shown to confirm that they are correctly assembled.



5.9 Thumb wheel re-inserted



5.10 Side rails fitted correctly

6. OPERATING THE SIDE RAILS



Warning

- Ensure the side rails are correctly locked in place at all times when in the raised position to prevent injury or entrapment.
- When raising / lowering the side rails ensure they are free from limbs to prevent injury or entrapment.



Caution

- Do not use the side rails to move the bed – Side rail / bed frame could be damaged.
- Do not use the side rails as a positioning or lifting aid – Side rail and / or bed frame could be damaged.
- When lowering, do not drop the side rail - Side rail and / or bed frame could be damaged.

Refer to the bed's instructions for use document for details of side rail operation and compatibility with other bed accessories and mattresses.

7. FITTING THE SIDE RAIL HEIGHT EXTENSIONS

(WITH REMOVABLE FOOT ENDS)

The side rail height extensions (with removable foot ends) are designed to fit the standard length Solite Pro integral side rails (SOLITE/PRO/SR), and the extended length Solite Pro integral side rails (SOLITE/PRO/SR/EXT).

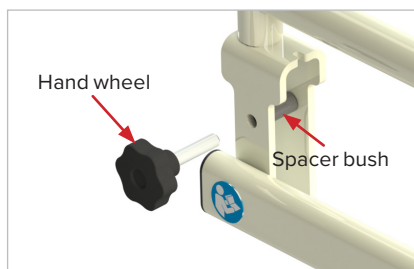
Prior to fitting the side rail height extensions, ensure the bed is fully assembled, with both side rails correctly fitted and in the raised position. Refer to sections 5 and 6 for details of how to fit and operate the side rails.



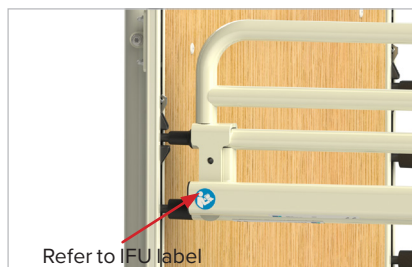
Warning

If there is any doubt about the assembly or suitability of the side rails or height extensions contact the provider of the equipment or Drive DeVilbiss Healthcare Ltd., incorrectly fitted side rails and height extensions can lead to death.

1. Remove the two hand wheels from one of the extensions, releasing the spacer bushes from the extension.
2. The two height extensions are handed. When the height extensions are placed correctly on the side rails, the refer to IFU labels and hand wheels will face outwards, away from the bed.

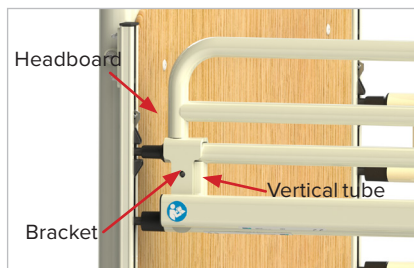


7.1 Hand wheel and metal spacer bush removal



7.2 Hand wheel and label position

3. With the height extension sat on top of the side rail, ensure that it is placed with the head end bracket positioned between the headboard and the first vertical tube of the side rail.
4. Reattach the 2 hand wheels and 2 spacer bushes to secure the height extension in place. Ensure the hand-wheels are tight, there is to be no free movement of the height extension. Repeat the process for the remaining side rail height extension.



7.3 Height extension position on side rail



7.4 Securing height extension to side rail



Warning

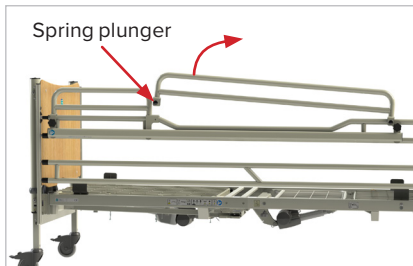
If positioned incorrectly an unsafe gap could be created.

8. OPERATING THE SIDE RAIL HEIGHT EXTENSIONS

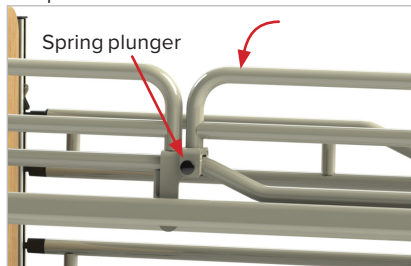
(WITH REMOVABLE FOOT ENDS)

The foot end of the side rail height extensions can be removed to ease patient ingress and egress from the bed.

1. To release the foot end, pull the spring plungers at each end and lift it away from the side rail height extension.
2. To refit the foot end, slide it over the receiving brackets on the side rail until the spring plungers click into place, locking it into position.



8.1 Releasing the removable foot end



8.2 Refitting the removable foot end



Warning

- After refitting the removable section gently pull upwards on the removable section to ensure the locking pins are fully engaged, and there is no risk of the section detaching inadvertently.
- The removable foot end should be securely locked onto the side rail height extension at all times unless it has been deliberately removed to ease patient ingress / egress - risk of falling.
- Ensure that the removable foot end is fitted in the correct orientation so that the plunger pins are located in the holes, locking it in to place.
- Do not leave the side rails lowered at one end with the height extensions fitted - risk of head / neck entrapment.

9. MAINTENANCE

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 side rails or height extensions are not performing as they should withdraw them from service until they have been repaired and are fit for use again.

Periodically check to ensure that:

- The side rails raise and lower smoothly.
- The locks on the side rails automatically engage when the side rails are raised.
- The side rail height extension is correctly positioned and hand wheels are tight.
- The removable foot end of the height extension automatically locks in place at both ends when fitted over the fixed head end section.
- 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 bed from use until the dimension of the gap in question has been confirmed and rectified where appropriate. Ensure the side rails and height extensions are complete, missing parts should be replaced before the side rails or height extensions are used.
- The product is cleaned following the guidelines in these instructions for use.

10. CLEANING

It is advisable to remove the side rails and height extensions 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.

11. SPECIFICATION

	Standard length integral side rails	Extended length integral side rails	Side rail height extensions with removable foot end
Product code	SOLITE/PRO/SR/A2	SOLITE/PRO/SR/EXT	SOLITE/PRO/SR/HE/1
Overall length	1997mm	2162mm	1653mm
Overall height (per individual rail)	110mm (top and bottom)	110mm (top) 120mm (bottom)	242mm
Overall depth (per individual rail)	25mm		65mm
Product weight	14kg (4 x 3.5kg rails)	16kg (4 x 4kg rails)	12.4kg (2 x 6.7kg rails)
Height above mattress platform (when raised)	377mm		508mm
Height above mattress platform (when lowered)	112mm		243mm
Height of step down section above mattress platform (when raised)	335mm		NA - Foot end is removable
Height of step down section above mattress platform (when lowered)	70mm		NA - Foot end is removable

WARRANTY

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 (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 warranty of up to 1 year 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.

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Side Rail Community Design Registration Number: 002742254



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A member of the Drive DeVilbiss Group of Companies



ORIGINAL INSTRUCTIONS
INSTRUC/SOLITE/PRO/SR, 2020/09 - Rev.4