

DreamMaster Light Mattress Elevator



Installation Guide

Products Covered:

- DM300 DreamMaster Light Mattress Elevator
- DM300/L DreamMaster Light Left Side Rail (available separately)
- DM300/R DreamMaster Light Right Side Rail (available separately)
- DM300/MSB DreamMaster Light Mattress Support Bars (available separately)

The DreamMaster Light is compatible with the DM400 DreamMaster Light Knee-Break, which is available as an additional component.

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Please retain these instructions for future reference

Box Contents

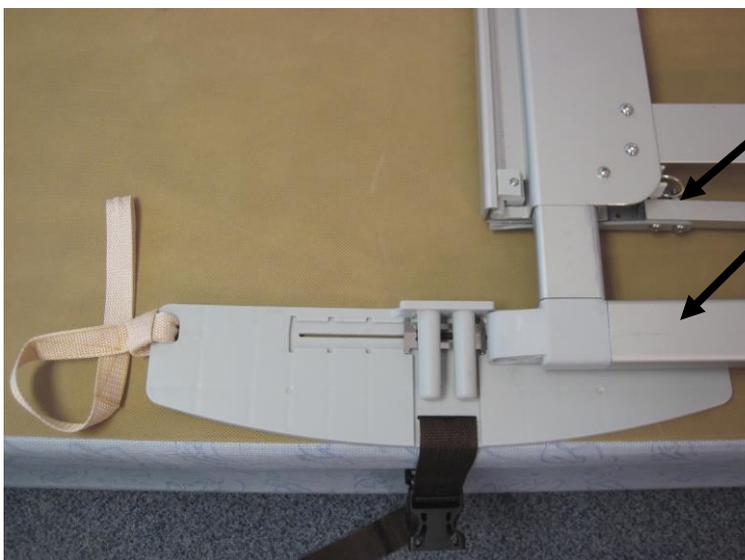
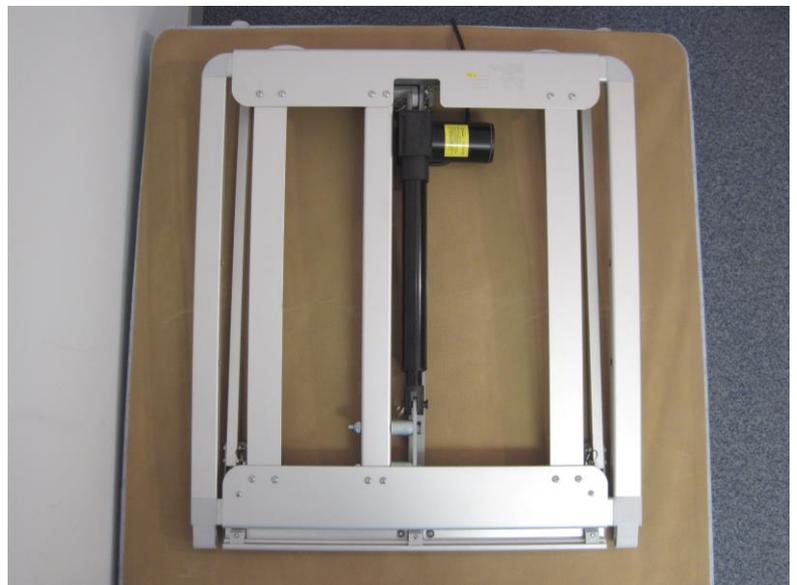


DreamMaster Light Box Contents:

DM300 Mattress Elevator
2 x Strap Brackets with Short Straps
2 x 2.5 metre Brown Straps
2 x 3.5 metre Cream Straps
Two Button Hand Control
Transformer Box
(Remove from frame if attached)

Divan Bed Installation

1. Remove the mattress from the bed base. Place the DreamMaster Light frame centrally on the base, with the top of the frame 5cm (2") from the head of the bed. The cable for the motor should lead up the bed, between the upper and lower frame sections.



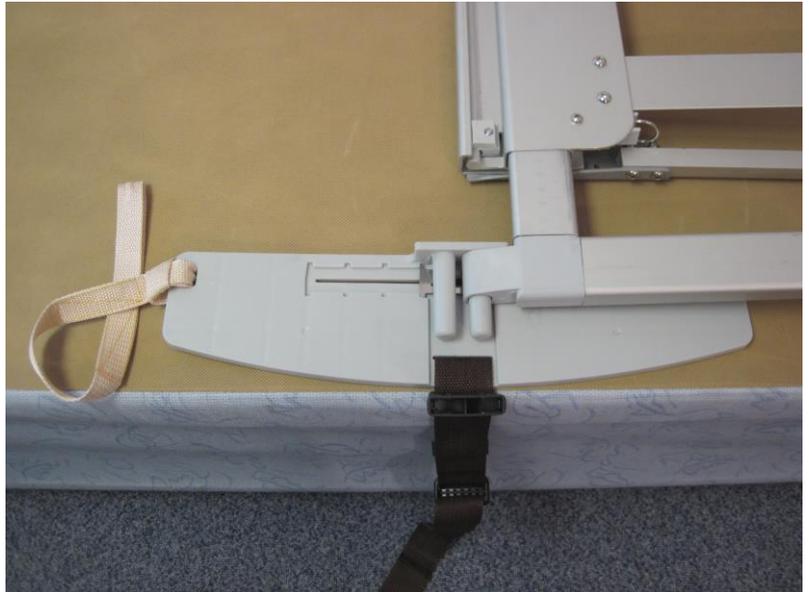
Trombone
Locking Pin

Trombone

2. The width adjusting "trombone" needs to be extended to suit the width of the bed. Place the strap bracket with the curved side at the edge of the bed. Disengage the trombone locking pin by pulling the ring towards the head of the bed and rotating a quarter of a turn. Now extend the trombone until the inside edge is in line with the upstand of the strap bracket.

3. Engage the trombone locking pin; this may require minor re-alignment of the trombone. Next connect the strap bracket to the elevator frame with the thin cream strap leading down the bed. The short brown strap must be fed through the T-slot in the bracket, as illustrated. Repeat steps 2 and 3 at the other side of the bed.

If you are to use the DreamMaster Light with the Knee-Break, refer to the Knee-Break fitting instructions before you proceed to point 4.



4. Connect one of the 2.5m brown straps to the lower female buckle from the strap bracket at one side of the bed. Pass the long strap under the bed and connect at the other side. Tighten the strap to secure the elevator to the bed base, then tidy away any excess strap to avoid a trip hazard.

5. Ensure the thin cream straps are accessible from each side of the bed, then replace the mattress. Take the remaining 2.5m strap and connect each side to the available female buckle and tighten. Softer mattresses will need less tension in the strap than thicker, firmer mattresses. Tidy away excess strap to avoid a trip hazard.



6. There are two 3.5m cream straps. Thread one strap through the loop in the narrow tail strap at one side of the bed, then repeat for the other side of the bed. Lead the female buckles under the corners of the bed and the male buckles over the corners of the mattress.



7. Take the diagonally opposite buckles, clip them together and tighten. Tuck excess strap between the bed base and mattress to tidy out of the way. These will always need a fair amount of tension to prevent the elevator moving up the bed, and the mattress down the bed. The DreamMaster Light should now be securely installed on the bed.

8. Locate the transformer box and the hand control. Connect the yellow plug from the elevator to the corresponding transformer socket and repeat for the hand control. Plug the three-pin plug in to the mains power supply and switch on.





9. This is how the bed should look with a fitted sheet in place.

10. The Hand Control comprises two buttons and a locking switch. Ensure the locking switch is in the unlocked position to enable adjustment of the backrest angle.

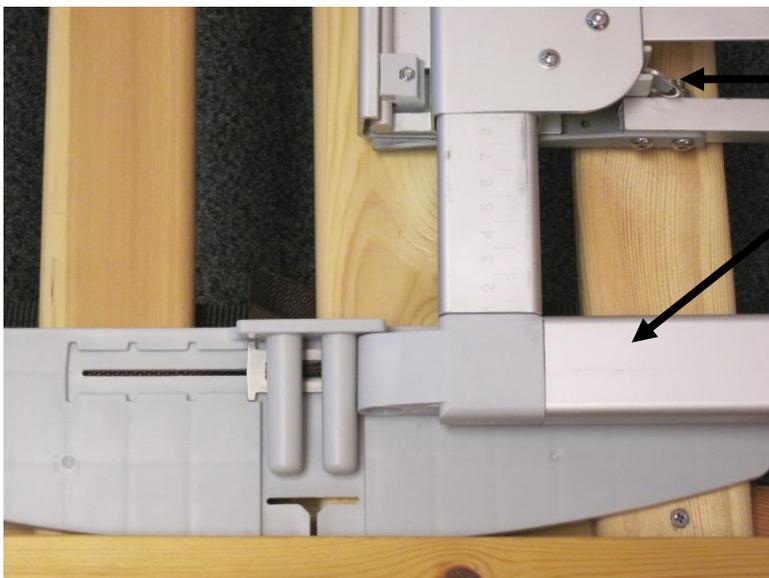


Slatted Bed Installation

Note: Only one 2.5m brown strap is used

Note: The slatted bed must have strong, flat slats to provide sufficient support the elevator. If there is any concern about the strength of the bed, a board can be placed over the slats to spread the load.

1. Remove the mattress from the slatted base. Place the DreamMaster Light frame centrally on the slats, with the top of the frame 5cm (2") from the head of the bed. The cable for the motor should lead up the bed, between the upper and lower frame sections, or down through the slats.



Trombone
Locking Pin

Trombone

2. The width adjusting "trombone" needs to be extended to suit the width of the bed. Place the strap bracket on the slats, with the curved side touching the wooden side rail of the bed. Disengage the trombone locking pin by pulling the ring towards the head of the bed and rotating a quarter of a turn. Now extend the trombone until the inside edge is in line with the upstand of the strap bracket.

3. Engage the trombone locking pin; this may require minor re-alignment of the trombone. Next, attach the strap bracket to the elevator frame, ensuring that the brown strap is able to fall freely between the wooden slats. The metal strap buckle may be moved along the slot to achieve this. Repeat for the other side of the bed then carefully place the mattress on top, ensuring the elevator is not displaced.
If you are to use the DreamMaster Light with the Knee-Break, refer to the Knee-Break fitting instructions before you proceed to point 4.





4. Take one of the 2.5m brown straps and lay it across the top of the mattress. Locate the short strap hanging from the strap bracket, disregard the upper buckle, which will not be used, and bring the lower buckle around the outside of the bed frame to connect to the 2.5m strap. Adjust the straps to allow the buckle to rest against the frame of the bed. Repeat for the other side. The second 2.5m brown strap will not be used for this installation.

Note: The example bed has a footboard, which will prevent the mattress moving down the bed. If your bed does not have a footboard, fit the cream straps as if it is a divan bed. See page 4, steps 6 & 7.

5. This illustrates how the bed should look. Tighten the straps as required, keeping the buckles as neatly placed as possible. Softer mattresses will need less tension in the strap than thicker, firmer mattresses. Tidy away excess strap to avoid a trip hazard.



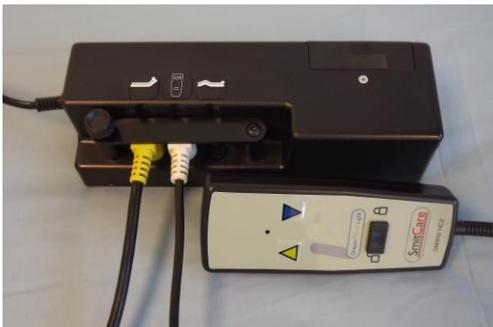
6. Take one of the 3.5m cream straps and thread it through the loop in the narrow cream strap. Now make a loop out of the large strap, taking it around the leg of the bed, clip the buckles together and tighten appropriately. Tidy away excess strap to avoid a trip hazard. Repeat for the other side.

7. The image to the right shows the completed strapping, while the image below illustrates how it should look with the sheet covering the strapping.

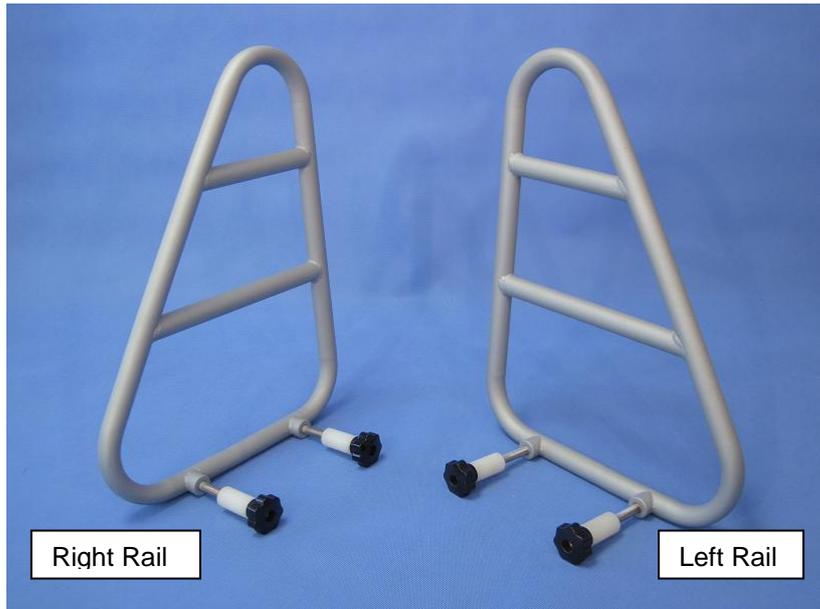


8. If the bed does not have legs, the two 3.5m straps may be joined together to form one big loop around the end of the bed. This may be necessary with "Sleigh-beds", for example.

9. Connect the yellow plug from the elevator to the corresponding transformer socket and repeat for the hand control. Ensure the hand control switch is in the unlocked position. Plug the three-pin plug in to the mains power supply and switch on.



DreamMaster Light Side Rails



The Left and Right Side Rails are identified from the perspective of the user, lying on the bed on their back. Each rail has two threaded rods that fit through the width adjusting trombones of the DreamMaster Light, and secure with plastic spacers and hand wheels.

Product codes:

DM300/L Left Side Rail

DM300/R Right Side Rail

Divan Bed Fitment



When fitting the Side Rail for a divan bed, the spacers should be put onto the threaded rods before they are introduced to the trombone. The hand wheels should then be tightened against the inside of the trombone until a firm fitting is achieved. This will allow the rail to be on the outside of the mattress.

Slatted Bed Fitment



When fitting the Side Rail for a slatted bed, the threaded rods should first be introduced to the trombone, then the spacers put onto the rods and finally the hand wheels tightened until a firm fitting is achieved. This will allow the Side Rail to fit inside the frame of the bed in its lowest position.

DreamMaster Light Mattress Support Bars

If fitting the DreamMaster to a double bed with a soft mattress, it is possible that the mattress may sag between the main part of the elevator frame and the width adjusting trombones. The result is that the user may find the elevator less comfortable and may find it more difficult to reposition themselves on the bed.

The Mattress Support Bars easily fit over the trombones and provide added support to keep the mattress flat, so that the user is more comfortable and more able to move on the bed.

DM300/MSB Mattress Support Bars (pair)



With the trombones adjusted to fit the bed, there is a gap between the width adjusting trombone and the central frame section.



The addition of a pair of Mattress Support Bars will keep the mattress flatter to offer the user more comfort.

Using the DreamMaster Light

The DreamMaster Light has been designed to allow easy use for clients or carers.

- To go up press the “up” button on the hand control until the desired angle is reached.
- To go down press the “down” button until the user is comfortable or until the required angle is reached.
- The actuator will switch off automatically when the maximum angle is achieved.
- The DreamMaster Light Hand Control has a locking switch. This may be used to ensure the unit is not used inappropriately.
- The Side Rails are designed to assist the user to reposition themselves on the bed, or for support during sit-to-stand transfers and should not support the full body weight of the user. The bed should support most of the user’s body weight when the Rail is used as a repositioning device, or through their feet during a sit-to-stand transfer.

Care of the DreamMaster Light

- Periodically check that the securing straps are tight and in place.
- Visually check the frame, power supply, and hand control for wear or damage.
- Clean with non-abrasive cleaner or disinfectant, for example Isopropyl alcohol at 70% concentration.
- Do not allow moisture to come into contact with any electrical parts.

Advice

- The mattress must be the appropriate size for the bed base.
- Keep clear of moving parts and make sure there are no obstructions when lowering or raising the frame. In the event of an obstruction, raise or lower the backrest and clear the obstruction.
- Ensure that you have read these instructions and understood them fully, including the glossary of symbols in the bottom of these instructions
- Ensure that you inspect the DreamMaster Light on a regular basis.
- Do not let children play with the DreamMaster Light.
- Do not exceed the safe working load of 254kg (40st)
- The Side Rails are attachments designed specifically for use with the DreamMaster Mattress Elevator, and are not Medical Devices in their own right. They are not Bed Rails or Bed Grab Handles as defined in MHRA Device Bulletin DB2006(06) "Safe Use of Bed Rails".

Trouble Shooting

- Check the lock switch on the handset is in the unlocked position.
- Check the mains supply is switched on.
- Check the hand control is plugged in.
- Check the actuator is plugged into the power supply.
- Check the maximum safe working load has not been exceeded.
- Check that it is not fully raised or fully lowered.
- Check the fuse in the mains plug and if necessary replace with 3 amp fuse.

Emergency Lowering

- The DreamMaster Light is normally operated by mains power. The unit has the functionality to use a standby power source in the event of power failure to enable it to be lowered in an emergency. The standby power will not raise the unit. If you wish to use the standby function, two PP3 9 volt alkaline batteries may be attached to the appropriate connections in the transformer box. Remove the screw that retains the battery cover and insert.
- The batteries must be checked on a regular basis (especially when used) and replaced when necessary and no longer than every 12 months to avoid possible damage to the power unit.
- The batteries should be tested every month by raising the DreamMaster to about half way, turning off the mains and operating the down button for 1-2 seconds and checking that the elevator goes down.
- The DreamMaster will not elevate on the standby power supply.

TECHNICAL SPECIFICATION

Safe Working Load	254 kg (40 stone)
Backrest Support Length	765mm (30")
Width Adjustment (inc brackets)	762mm to 1524mm (2'6" to 5")
Minimum height	90mm
Total Boxed Weight	14kg
DreamMaster Weight	10.5kg
Construction	Aluminium and steel
Backrest Elevation Range	5° to 85°
Transformer Box Input Voltage	100/240v 50/60Hz
Transformer Box Output Voltage	29v DC 1.9A Nominal
Mains Plug Fuse Type	3 amp maximum
Emergency Lowering (optional)	2 x 9 volt PP3 alkaline batteries
Duty Cycle	Two minutes on, five minutes off.

GLOSSARY



Attention consult accompanying documents before use.



Refer servicing to servicing personnel only.



Recyclable product.



C.E. & UKCA Mark



This item should not be discarded into the normal refuse stream. The item should be collected separately through environmentally sound recovery, recycling and diversion from landfill.

The DreamMaster Light is made in China for:

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