



BEAUCARE[®]

Better Value. Personal Service. Trusted Partner.

Dalby/Silton Profiling Bed Instruction Manual



e: sales@beaucare.com

t: 01423 873666

www.beaucare.com

1.0 Technical Specifications

1.1 Maximum capacity for operation

Maximum weight capacity 200kg

1.2 Weight of the Bed.

The weight of the bed is 99 kg. This weight can vary according on the choices of accessories installed. For easy handling, transport and storage the bed is divided into four parts. See point 2 for instructions on how to assemble and disassemble the bed.

Composition of the bed.

Features: 4 Castors with braking system.

Headboard.

Footboard.

Side rails

1.3 Storage.

The bed should be kept in a dry and ventilated place.

1.4 In case of bed relocation.

Before you move the bed, this must be on your lowest position. Always use the headboard or the footboard to move it. Never use the side rails to move the bed. Always handle the bed carefully. Apply the brakes when the bed is in place. Remembering to remove the mains power supply and ensuring all cables are positioned so they do not interfere with the castors or persons moving the bed.

1.5 Measurements.

Mattress measurements suitable for this bed: 90 cm x 190,5 cm.

Maximum angle: Backrest: 63°.

Footboard: 30°.

Trendelenburg (part of the headboard descent) 12°.

Against trendelenburg (feet descent) 12°.

Total length of bed: 2125 mm.

Overall width: 1025 mm dimensions of pedestal: 90 cm x 195 cm.

Note: the dimensions specified in this manual do not consider the manufacturing tolerances.



2.0 Assembling the Bed

The assembly process can be done by one or two people. However due to the size of the structures, we recommend two people for the assembly to be more secure.



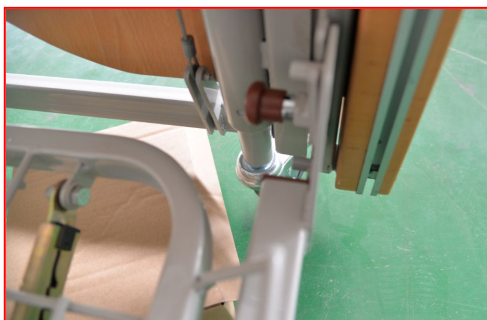
(1) Cut security straps from around the box, open the lid and remove the card part from the wood, which protects the top of the bed. Be careful that this doesn't fall when removing the card.



(2) Release the H transport bracket, as shown.



(3) Remove the transport kit. Mount the casters at the base of the bed screwing them clockwise until it is completely inserted.

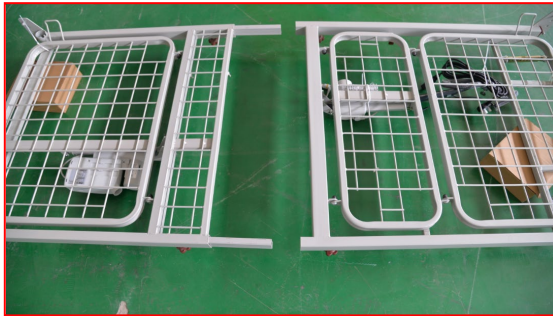


(4) Then fitting part of the headboard and lock with spring.



The method of mounting the footboard is the same as the headboard.

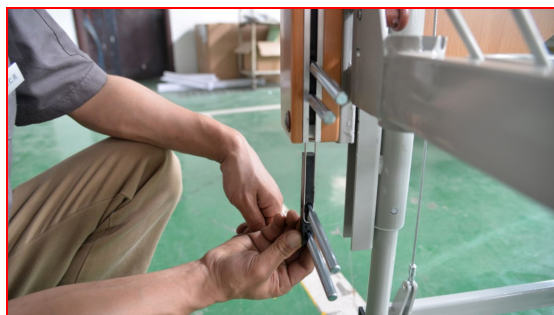
(5) To join the head and foot ends together, slide the stand and tighten the screws.



(6) Insert all wires into the designated holes in the control box according to the different photographs, and then attach all the wires. Subsequently enter the remote wire in the appropriate hole in the control box.



(7) Side rails. Fit the side rails into the corresponding accessories. Press the button on the headboard/footboard and then place the accessory on the aluminum gutter.



Patient assistance pole (optional accessory), not included in bed.



3.0 Control of bed

The HLW075-005 is a device with integrated lock function. For greater user safety, some features like Anti-Trendelenburg position will only be activated through a special key. This command is connected to a control box that triggers the respective motor.

Features:

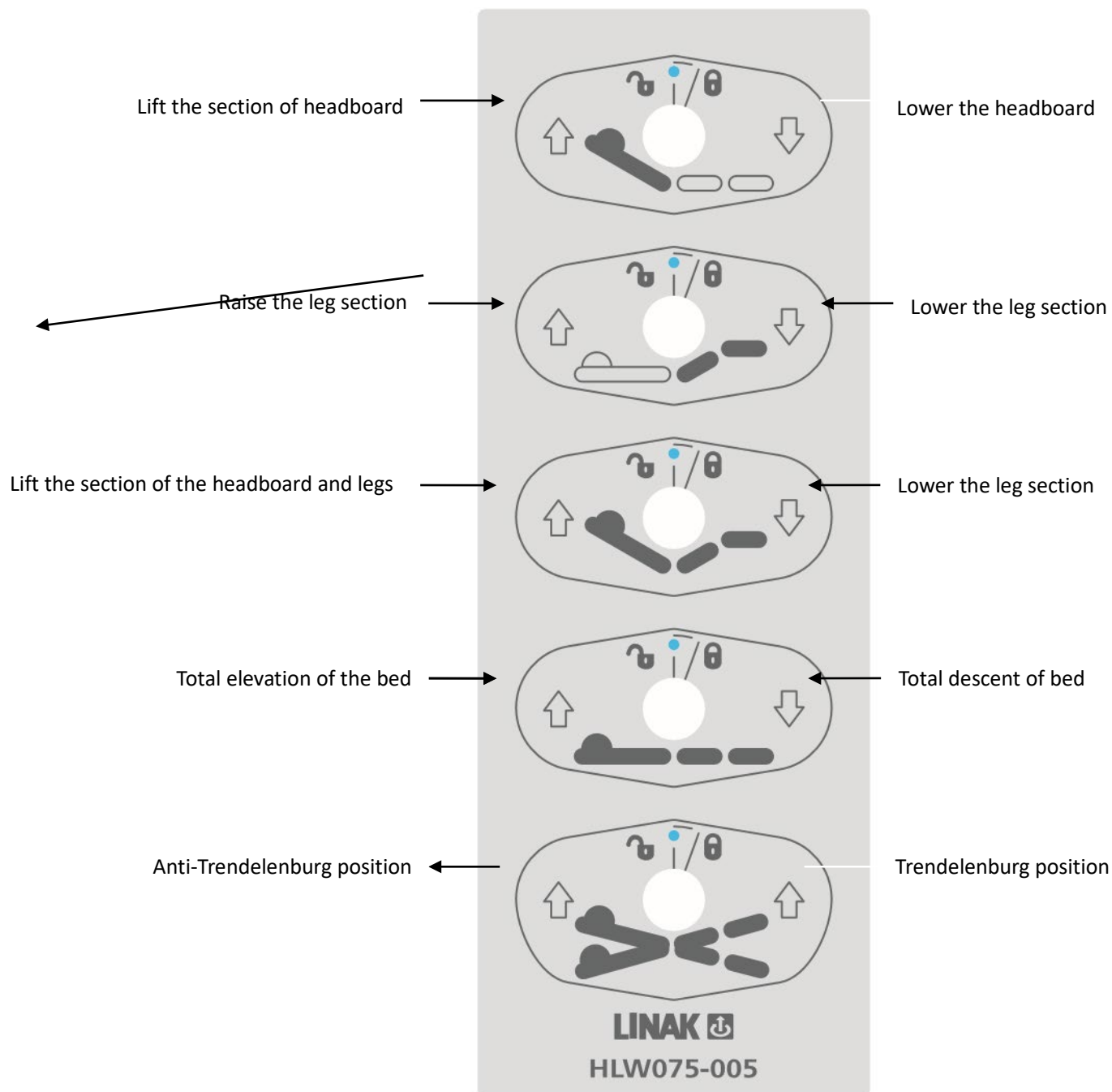
- Device that allows you to enable up to 5 functions.
- Easy to handle with your left hand or your right hand.
- Modern and elegant design.
- Tactile switches, secure and resilient.
- Up to 10 easy touch buttons.
- Protection class IP64.
- Coiled Cable 600 mm.
- Indication of the position of the lock.
(Green dot = unlocked | yellow dot = blocked)
- The buttons can be operated simultaneously.

Use:

- Interchangeable with the HB70 handset.
- Compatible with most LINAK control boxes.
- Approved according to standard EN60601 in connection with CB6/CB9.



Functions of the Buttons on the remote control



4.0 Motor

Features:

- Permanent magnet Motor 24 V DC
- For Standard KA20, push up to 6000 N in push and up to 4000 N in pull
- To 90 degrees, KA20 push up to 4000 N in push and up to 2500 N in pull
- Rod eye $\varnothing$ 10.2
- Plastic housing protects the motor and the engrenagen s
- Compact Design with small installation dimensions
- Standard: protection class IPX4
- Colour: light grey (RAL7035)
- Fixed cable
- Incorporated limit Switches (not adjustable)
- Aluminum outer tube and inner tube
- Fixing high back resistance
- Low noise level
- Insulation class F winding



Options:

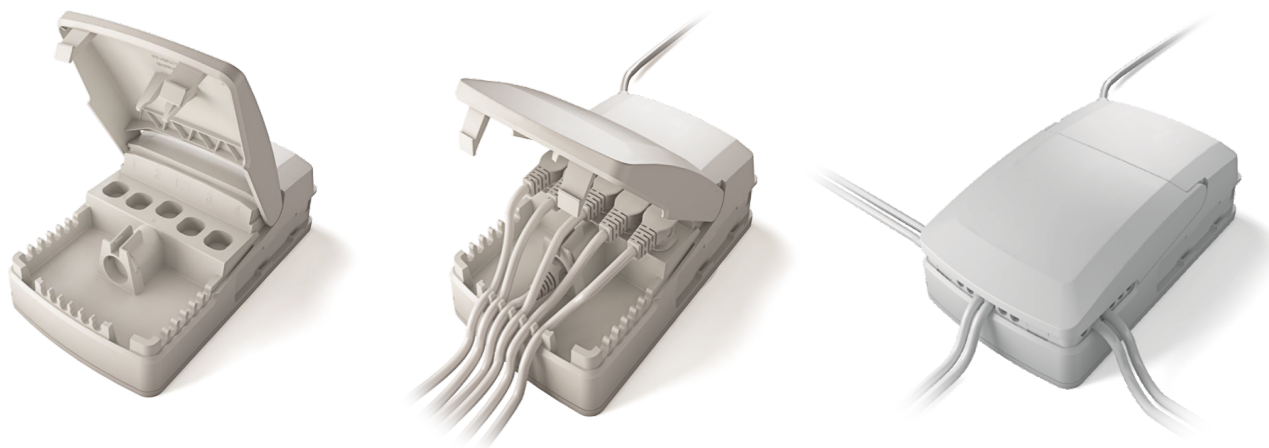
- Safety nut
- Mechanical Spline push (the actuator can only push)
- Dark grey (only for standard housing, which is also called mini housing)

Use:

- Duty cycle: 10% maximum or 2 minutes of continuous use followed by 18 minutes used
- Ambient temperature +5° C to + 40° C
- K series system has full compliance with IEC60601-1

5.0 Control box

Control boxes CA30 and CA40 are developed as part of a new platform control box for the care and rehabilitation Industry. Control boxes can be mounted separately in the application by means of sliding supports, but also in various models of actuators using a specially designed actuator bracket. Control boxes CA30 and CA40 are equipped with SMPS (Switch Mode Power Supply) for worldwide operation and optimised performance. The outputs of the channels 1 to 4 are located inside the box. The box has 3 cable outputs that make it easier to choose the most suitable cable layout in the application. The control box cover has a double cover and cable lock function. FETs (Field-Effect Transistors), IPX6W and a battery door are all the default options. The CA30 and the CA40 communicate with the actuator by means of stop switches embedded end.



Characteristics:

- Power supply: Universal, 120 W power output (switching mode power supply) 100-240 VAC, 50/60 Hz
- Network Indicator: Yes
- Actuator Interface: 2 or 4 channels of 6 pin minifit
- Manual control Interface: 1 door, modular plug of 10 pins
- Battery Interface: 1 door, 4 pin minifit of (300 mA Output-no running actuator)
- Power: approx. 0.5 W (230 V)
- Colour: light grey (RAL 7035)
- Short circuit protection: Yes
- Control Concept: FET (without relay noise)
- Duty cycle: 10%-2/18 min. on/off continuous use.

The peak power is 120 W for 80 seconds and 60 W For 40 seconds at 25° C

- Weight: 0.5 kg weight

- Actuator Compatibility: all standard actuators (signal and power switch).
- Battery charger: battery input available, no charger, but supports battery with built-in charger.
- EOP: Yes • IP-Rating: IPX6W
- Operation: simultaneous unit (without feedback)
- Max. Current: 8 A/CH (peak)
- Power management: voltage regulation to ensure maximum performance and to limit the output power for maximum 120W.
- Safety system: thermally protected. Short-circuit protection. Hot-plugging protected.
- Protection class: Class 2.
- Cable lock: integrated in the lid
- Mounting: compatible with a wide range of mounting brackets: Bed frame, LA27, LA1, LA40.

Use:

- Operating temperature: +5° C to + 40° C
 - Storage temperature: -10° C to + 50° C
 - Relative humidity: 20%-90% at 30° C non-condensing
 - Atmospheric pressure: 700 to 1060 hPa
 - Meters above sea level: Max. 2000 meters
 - Approvals: the electric bed mod decubitus. Delta 5F is a class I medical device according to the Community Directive 2007/47/EC of 5 September.
- This device complies with IEC 60601-1:2-52.

6.0 After-sales service

If there are quality problems not caused by the user within a week after purchase, or quality problems, under normal use and care, our company ensures the free repair of the equipment once it has been purchased within one year . If there are problems after one year after the purchase, users should contact our after-sales department or store dealers with invoice to be sold the accessory or part.

The following cases are not included in free maintenance:

Damage that occur under the use.

Damage that occurs due to mounting and dismounting is made by users.

Damage caused by accidents or by the user.

7.0 Warranty

This warranty covers only those defects of parts and components of equipment described in normal use – according to the instructions of the operating manual accompanying the same, and which are provided by manufacturers.

This warranty will be automatically cancelled if the equipment undergoes repairs by unauthorised persons, receive ill-treatment or suffer damage from accidents, falls, voltage variations and overloading above the specified, or any unpredictable occurrence, arising from improper use of the equipment by the user.

The structure of this bed is covered by warranty for a period of 24 months. Where accessories and electrical part are covered for a period of 12 months warranty from the date of purchase.

Repairs covered by warranty must be carried out by our company, and the costs of transport owner's liability. The value of the repair.

8.0 Declaration of conformity

DECLARES: that the bed "decubitus electric" complies with the essential requirements laid down in annex I to Directive 93/42/EEC of 14 June, on your current writing and of Decree-Law No. 145/2009 of June, applicable, and does not commit the State medical or patient safety, nor even the safety and health of users or third parties, where appropriate, when used under the conditions and for the purposes intended.

Note: In case of repair should present this manual.

We hereby declare that the above mentioned product meets the provision of the Medical Device Regulation (EU) MDR 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices. The EU declaration of conformity is issued under the sole responsibility of the manufacturer.



Standard Applied:

EN ISO 13485:2016	EN ISO 14971:2012	EN 60601-1:2006/A1:2013	EN 60601-1-2:2015
EN 60601-2-52:2010	EN 1041:2008	BS EN ISO 15223:1-2016	

Beaucare Medical Ltd
Hornbeam Square North
Hornbeam Park
Harrogate
North Yorkshire
HG2 8PA

Tel.: 01423 873666
www.beucare.com
e: sales@beucare.com

