

**U0097 MECHANICAL BED
USER MANUAL**



U0097

MECHANICAL BED

Version: 2025:1

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IHC Medikal A.Ş. reserves the right to alter the appearance, color, technical specifications and similar issues in its products. Therefore there may be some differences between the products in this manual and the one you bought.

Precious Customers

We wish you to take the best efficiency from our products which are being produced at modern facilities and designed by paying priority importance to easy use and patients' comfort. Thus, we recommend you to read this Users Manual thoroughly before using your product and we recommend you to preserve it as a guide source to refer to.

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1. Introduction

Mechanical Bed is designed to be used in hospital services and health facilities.

The products are produced in compliance with the international standards IEC/EN 60601-1 and IEC/EN 60601-2-52. Our company operates in compliance with the international quality norms of Quality Management System ISO 9001:2015, Medical Devices Norms ISO 13485:2016 and Environmental Management System 14001:2015



In order to obtain the best performance read the users manual carefully before using the product. Our company cannot be hold liable for the damages which will arise due to wrongful use. Therefore, preserve your users manual all through the usage life of your product.

WARNING

The producer cannot be hold liable for any damages, accidents and injuries which may occur due to wrongful and negligent use.

While using the bed preciously comply to the instructions and safety rules.

1.1 Delivery

Products are delivered wholly mounted or demounted in some parts. Before using the products the demounted parts shall be mounted.

The delivery must be recorded on a receipt indicating that it was completed in whole and undamaged. In case there are missing things or damages in the products, this should be inserted in the delivery receipt and must be informed to the producer/supplier.

1.2 Carriage

The bed wheel should not be locked during carriage. The wheels are designed for use in closed media and even during the carriage they must be moved on a smooth and clean surface. The product may be damaged if moved on irregular and dirty floor.

2. Safety warnings

- Before using the bed, read the users manual.
- If failures or damages are detected in the bed, do not use the product, inform the technical service..
- The user is obliged to learn the specifications and usage method before using the bed.
- The bed height should be preserved at the lowest position during special conditions (during reanimation).
- If the bed will not be carried to any other places, the wheels must be locked in order to minimize the injury risk of the patient.
- The height of the bed must be adjusted according to the status of the patient.
- No one must sit on the bed except the patient.
- While bed parts are being, attention must be paid in order not to stuck the patient or other persons.
- The producer company can not be hold liable for the damages caused by the use of the corrosive chemicals or other materials used during cleaning which may cause surface damage to the products.
- If the bed will be moved with the patient on, the siderails must be changed to closed

position (Upwards).

3. Usage Conditions

The bed is designed to be used for medical purposes.

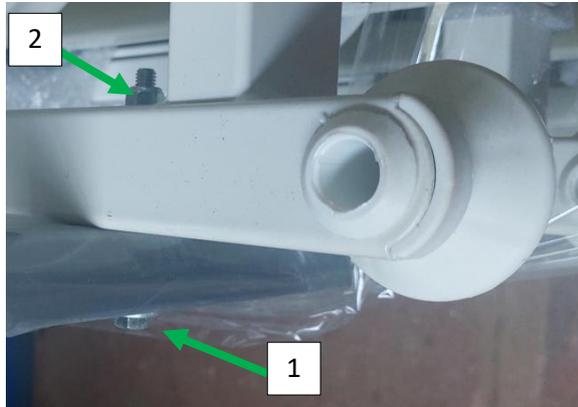
4. Installation of the Bed

1. Remove the bed out of its packing
2. Following delivery, please control the products against any damages which may have happened during carriage.
3. Read the users Manual carefully.
4. Control the bed functions by using the hand control/ nurse control panel.
5. Control if the lock mechanism of the wheels are working.
6. Control if the siderails are locked during the closed position.
7. Control if the optional accessories of the bed are complete.



Tools Needed for Installation

2 pcs No.13 Keys are needed for demounting of beds from palattes.



By using No 13. key separate beds from palattes. Hold screw 2 by No 13 key and uneasy screw no 1. Each bed is attached to palattes from 4 corners, all attachment screws must be get out. Beds can be removed from palattes with help of at least 2 people.

DO NOT FORGET...

Each recycled material is an inevitable source for the nature and for the national assets.

If you wish to contribute for the reuse of the packing materials you may obtain assistance form environment institutions.



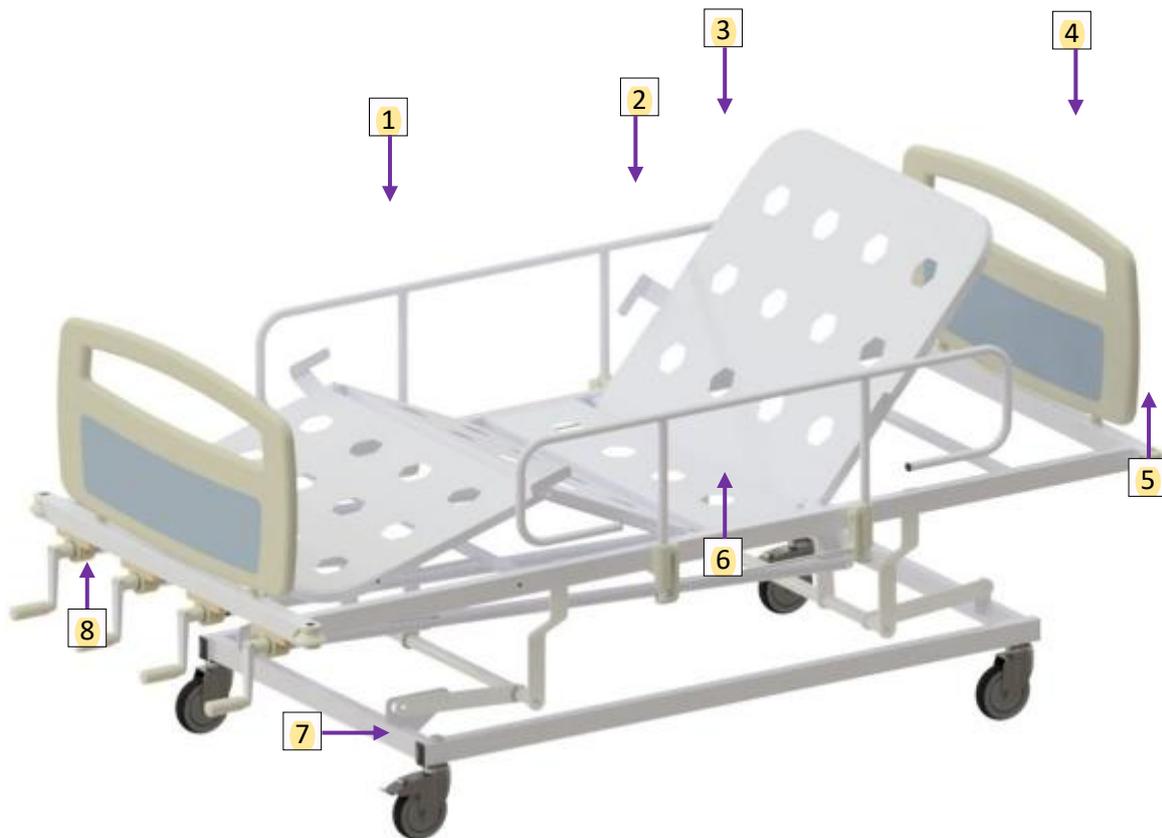
Before moving the bed, the wheels must always be checked and if wheel lock system is closed, it must be opened.



If any failures or damages are detected in the products during installation, the products must not be used and the producer must be notified with serial number of the bed.

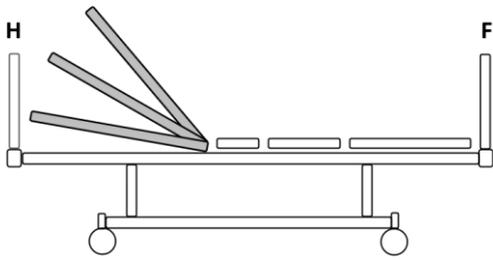
5. Bed Details

Metal base made of entirely steel layers, is painted with electrostatic powder



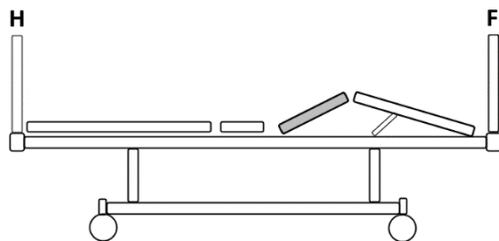
1. Side Rails
2. Mattress Sliding Stopper
3. Mattress Platform
4. Head/foot Board
5. Bumpers & IV Stand holes
6. Urinary Hangers
7. Wheels
8. Cranks

6. Bed Positions



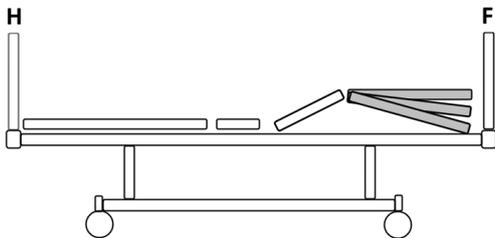
6.1 Backrest movement

The back rest movement is adjustable by means of cranks.



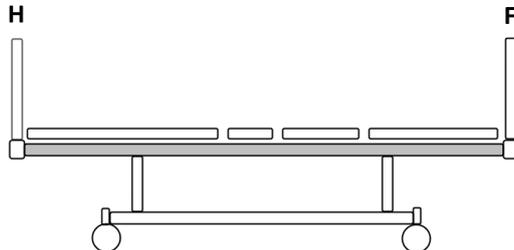
6.2 Upper Leg Movement

Upper leg movement is adjustable by means of cranks.



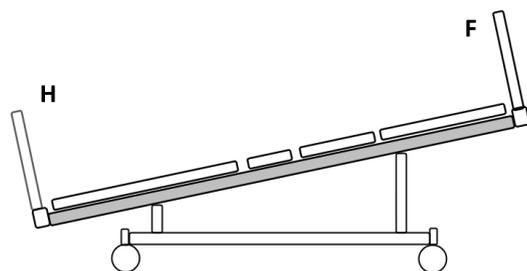
6.3 Lower Leg Movement

Lower leg movement is adjustable by means of the rastomats by hand.



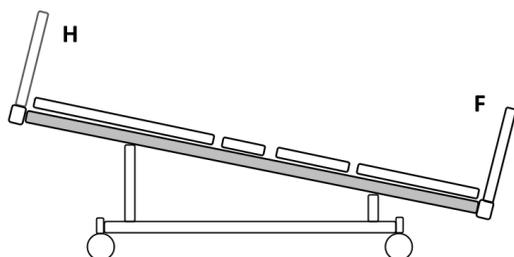
6.4 Height Movement

The height movement of the bed is adjusted by means of cranks



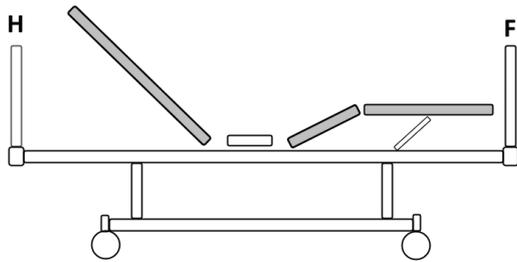
6.5 Trendelenburg Movement

The trendelenburg movement is adjusted by means of cranks.



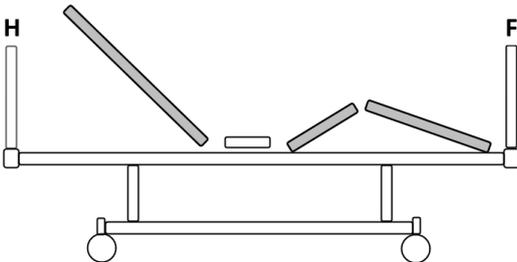
6.6 Anti-Trendelenburg Movement

The anti-trendelenburg movement is adjusted by means of cranks.



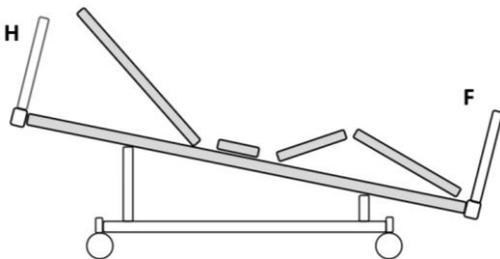
6.7 Vascular Position

Vascular position is adjusted by means of cranks and rastomat system (lower leg platform)



6.8 Fowler Position

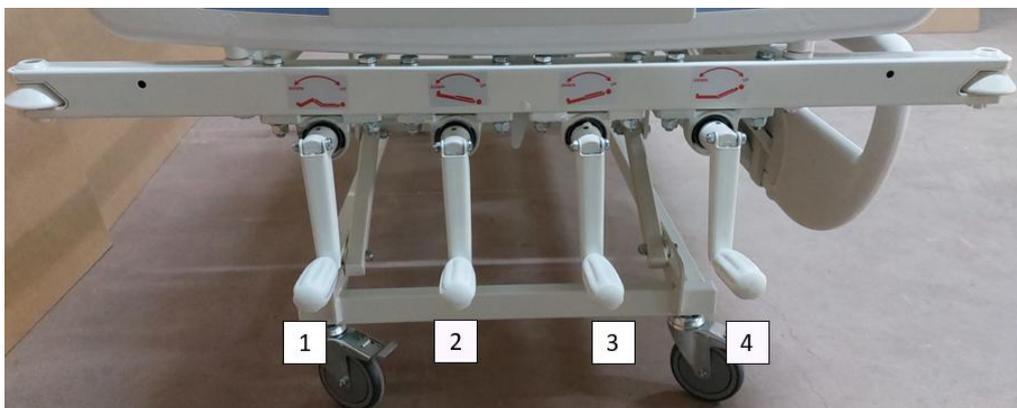
Fowler position is adjusted by cranks.



6.9 Cardiac Position

Cardiac position is adjusted by cranks.

7. Crank System



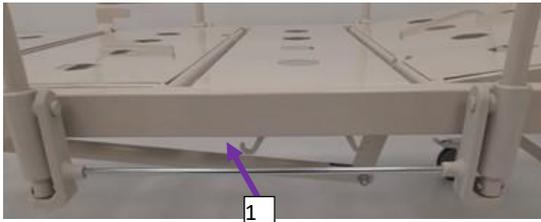
There are 4 cranks at the bed.

1. Upper leg movement crank
2. Inverse tredelenburg movement crank
3. Tredelenburg movement crank
4. Back rest movement crank

8. Side Rail System

Metal side rail system consists of two side rails that operate independently.

Lock Position



Open Position



To open side rail, push side rail mill inside (1) slightly and

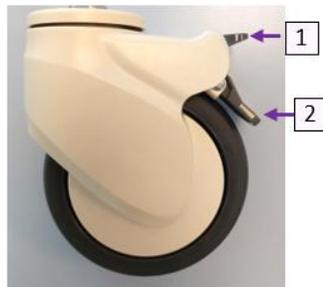


If the patient is not conscious or if s/he can not stand up, the siderails must be at the uppermost position. Make sure that the siderails are locked when reached to the upper most position.

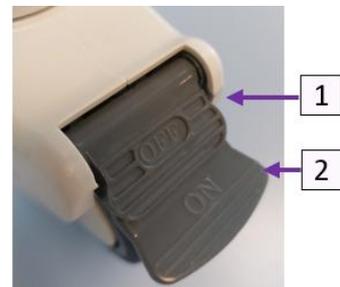
9. Wheels with Brake



Position 1



Position 2



There are 4 wheels each with brake. Brakes are used by foot.

Position 1: Unlocked, wheel turns around itself and moves freely, push ON brake(2) with foot

Position 2: Locked, wheel is not turning around itself and don't move, push OFF brake (1) with foot



The bed wheel must not be forced to move when locked. If the bed will not be moved, wheels must be locked in order to minimize the injury risk to the patient.

10. Headboard & Footboard System



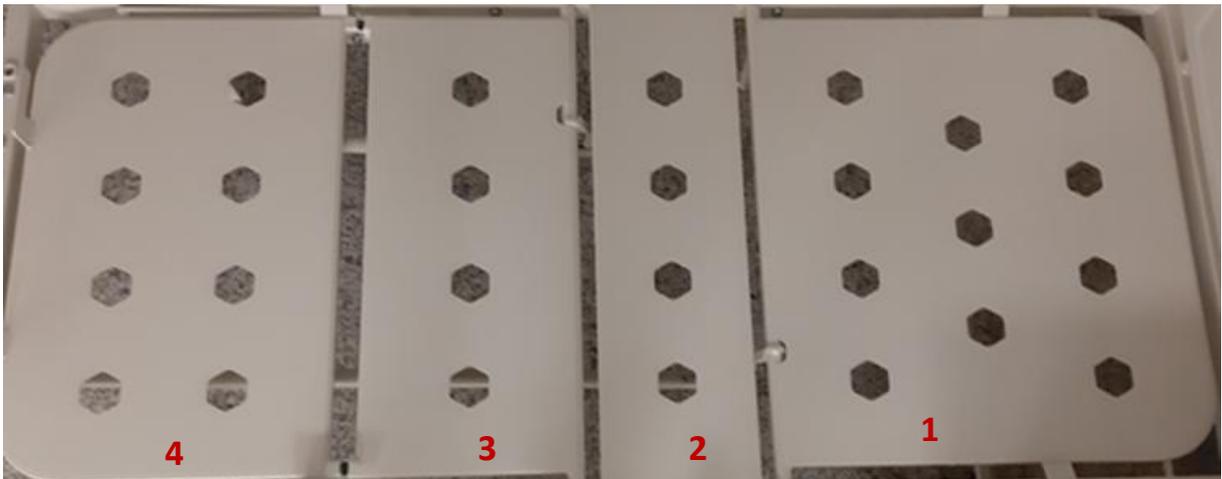
On the head side and the foot sides of the bed there are easily cleanable double wall plastic heading systems made of resistant plastic. You may easily fit and remove the heading system.



Head/foot boards are packed separately to save place during transportation.

Unpack head/foot boards and put to holes.

11. Bed Platform System

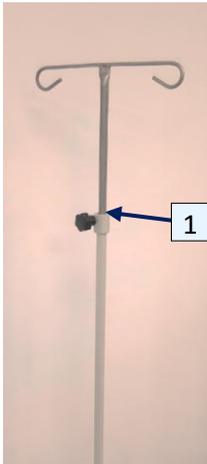


There are 4 bed platforms.

1. Back Platform
2. Pelvis Platform
3. Upper Leg Platform
4. Lower Leg Platform.

Pelvis platform(2) is fixed to bed. Back platform (1), upper leg platform (3), lower leg platform (4) is removable easily by hand.

12. IV stand

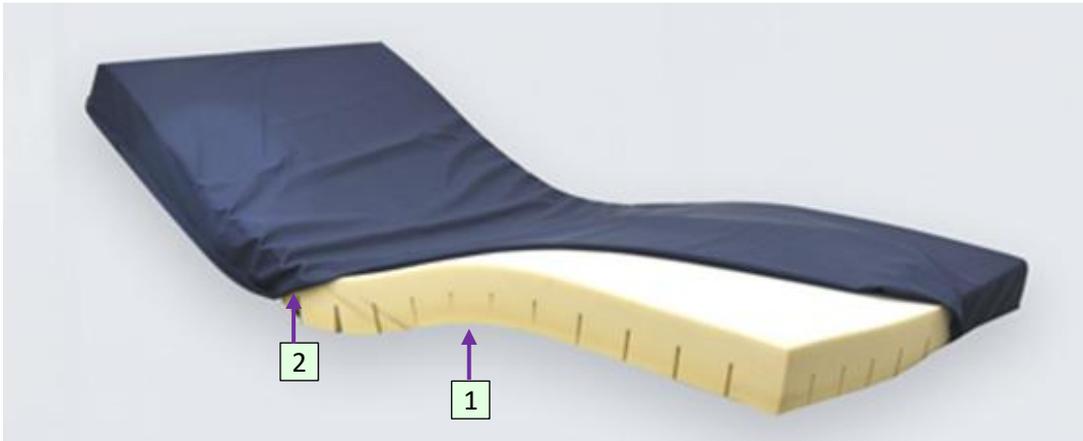


There are 4 bumpers at each corner of hospital bed. Bumpers have holes for IV Stands. IV Stand can be used at any corner. User only need to put IV stand to hole for use.

IV stand is height adjustable. Height can be adjusted by turning bakalite (1) .

To adjust height ease the bakalit, pull up or down IV stand when demanded height is reached tighten and fix the bakalite.

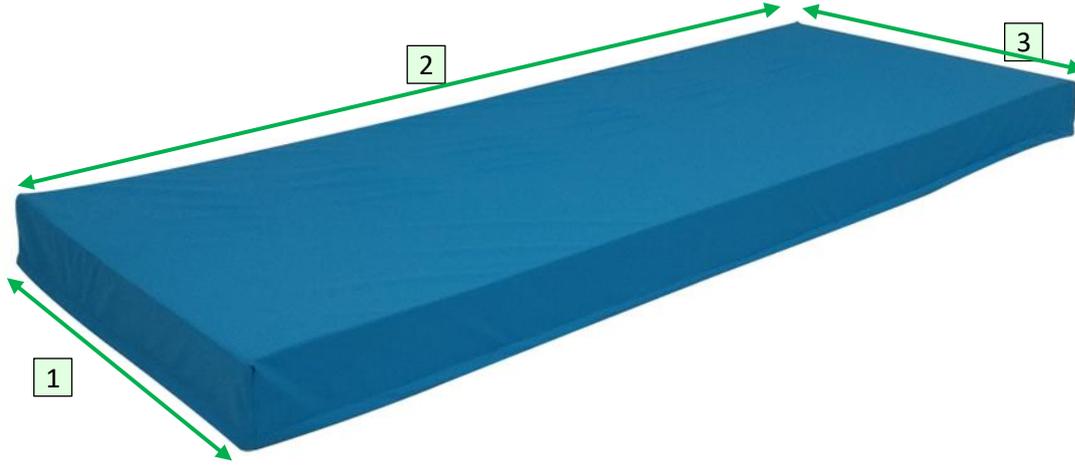
13. Mattress Details



1. Mattress Foam **orthopedic**
2. Mattress Cover with zip fastener



To remove the orthopedic mattress cover pull the zip fastener in directions 1, 2 and 3. To close the mattress cover move zip fastener in reverse directions as 3, 2 and 1.



14. Storing

- Bring the height and the functions of the bed to the lowest level.
- Bring the siderails to the open (lowest) position.
- Remove the headboard and footboard and the serum hanger.
- Clean and dry the bed.
- Don't pack the bed if any parts are wet.
- Pack in a suitable packing.

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