



BX1003B – Attendant Bed cum Chair

User Manual

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INTRODUCTION

About this User Manual

This user manual contains instructions for the proper and safe use of the attendant bed cum chairs, and for patient & user safety and comfort, which has to be strictly followed.

This user manual has to be read and followed by every person using or handling these attendant bed cum chairs. In case of any query, kindly contact Midmark India Pvt. Ltd.

ABOUT THIS PRODUCT

- The Attendant Bed cum Chairs are used in waiting room areas of nursing homes and hospitals for patient's relatives and attendants for comfortable seating and sleeping. These beds do not have any clinical functions built-in and are designed and manufactured, to facilitate the hospital stay for patient's relatives and attendants.
- These attendant bed cum chairs are manufactured and supplied in non-sterile conditions for use in a normal hospital environment
- These attendant bed cum chairs are not directly used for any diagnostic, measuring, monitoring or therapeutic purposes or prevent nor alleviate diseases
- These Attendant Bed cum Chairs are manually operated without any electrical or electromechanically operated functions



BX1003B Features

Please refer to the BX1003B catalogue for the salient features of this product



Technical Data

Please refer to the BX1003B catalog for the technical data of this product

DEFINITIONS

Operator

The operator is the person appointed by the owner (i.e. clinic, hospital management. etc.) who will be responsible for the safe operation of these attendant bed cum chairs

User

A user is a person who is capable of assessing the clinical condition of the patient e.g. specialist medical personnel, doctors, nursing staff, attendants, etc. based on their training experience or through the instructions, they are entitled to operate the attendant bed cum chairs on their responsibility or to carry out work on it and can recognize and control possible risks to the patient as well as the attendant bed cum chairs.

Attendant

The Attendant is the person who accompanies and attends to the patient during his/her hospitalization, and who is allowed to stay with the patient by the hospital authorities. The Attendant is one who does not require any medical care and fit enough to take care of himself/herself.



SAFETY

In this User Manual, the following safety symbols are used



Danger: This symbol will appear wherever safety instructions are designed to protect people from physical harm. The symbol stands for imminent danger of death or serious injury



Caution: This symbol will appear where situations are described, which might be dangerous, and which might inflict slight injuries.

Advice: This symbol will appear in front of additional helpful pieces of advice

- A dot in front of the text implies the action that is required to be taken.

Safety Instructions

- Ensure that the attendant bed cum chairs are assembled and installed following the instructions given in this user manual (wherever required)
- Restrict child visitors without proper attendants. Supervision is necessary to avoid any mishap due to unintended movement of the attendant bed cum chairs
- Ensure that these attendant bed cum chairs are moved on a smooth steeples floor without any obstructions in its path, to prevent any inconvenience to user and damage to the ward care accessories and peripherals
- Keep some gap between walls and the attendant bed cum chairs while in a stationary position and also while moving from one place to another
- Keep the user manual handy with the operator/user for ready reference



The patient should be advised not to sit on edge of any section when it is in extended full-length position

ENVIRONMENTAL SPECIFICATIONS

Usage, Storage and Transport

Temperature	-10° C to 50°C
Relative Humidity	0% to 95% non-condensing
Atmospheric Pressure	800 to 1060 hPa
Altitude	< 200Qm

INSTALLATION



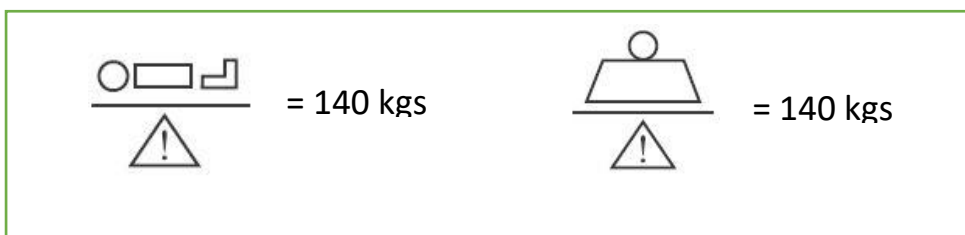
1. Unpack all the components carefully.
2. If the packing is drenched by rain, water, or other liquids, inform this matter to the operator
3. These products come in ready to use condition from factory



Notify if any damage has occurred during transportation either to the authorized agent or directly to Midmark India Pvt. Ltd.

Disposal of the packing material waste following the local waste disposal regulations prevailing

LOAD BEARING CAPACITY



Do not exceed the safe working load mentioned above

Operation

- Before putting the attendant bed cum chairs into use for the first time ensure that all the transport securing devices and packing film are removed
- Clean and disinfect the attendant bed cum chairs before the first time use
- Restrict child visitors without proper attendants. Supervision is necessary to avoid any mishap due to the unintended movement of the attendant bed cum chair
- Persons with reduced physical or mental abilities & children must not use & handle the attendant bed cum chair without proper supervision
- The attendant bed cum chairs should be used on a flat floor
- The force required to move the attendant bed cum chairs from one place to another with/without patient may vary depending on the flooring conditions
- The attendant bed cum chair should always be kept and used in a normal indoor hospital environment.
- The attendant bed cum chair is not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide. It may damage the Electro-mechanical Control System.
- Keep a sufficient gap between walls and attendant bed cum chair while in a stationary position and also while shifting from one place to another.
- Keep the user manual handy with the operator/user for ready reference.

- **To convert the attendant bed cum chair from bed position to Chair position:**
There is a plunger mechanism located on the rear frame of the backrest. Raise the backrest with hand (as shown by the arrow in Figure 1) until the plunger gets automatically locked in the slot and attains the position (as shown in Figure 2)



- To lower the Footrest Section, hold the Footrest Section with one hand and fold the Footrest Floor Support inwards (as shown by the arrow in Figure 1), and lower the footrest section to attain the position (as shown in Figure 3)



- **To convert the Attendant Bed cum Chair from Chair Position to Bed Position:**
 - To lower the Backrest, pull the two plunger mechanisms located on the rear side of the Backrest in an outward direction as shown in Figure 5. This will unlock the Backrest section. Hold and push the Backrest downwards (as shown by the arrow in Figure 4) till the Backrest floor support is stable on the floor (as shown in Figure 1)
 - Lift the Legrest upwards (as shown by the arrow in Figure 4) so that the Legrest floor support is stable on the floor (as shown in Figure 1)

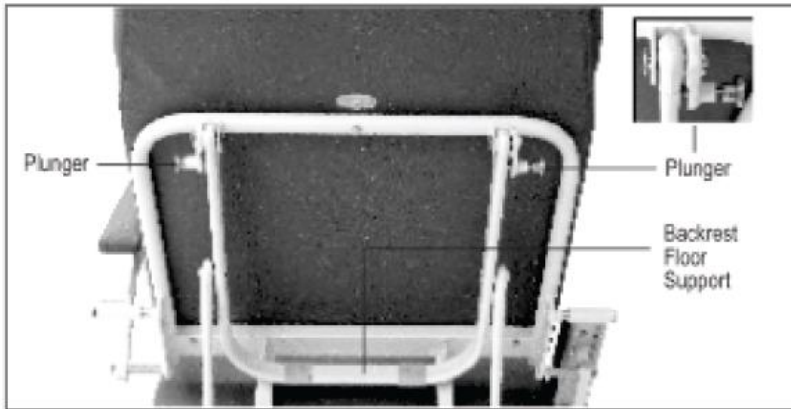




Figure 5

A person lowering the Backrest should maintain a safe distance from backrest floor support to avoid any inadvertent entrapment of the feet

A person lowering the footrest should take care to avoid entrapment of fingers/hand in between the footrest floor support and the footrest/legs

 Do not use the attendant bed cum chairs for purposes other than the intended use as it may cause damage to the patient/equipment

 With due consideration to environmental limitation, materials used to make the device are not affected by contact with any biochemicals or biowaste when used as per its intended purpose, all materials used in the product and accessories do not facilitate breeding or growth of bio-contaminants on their own.

MAINTENANCE & CLEANING

Maintenance

Each time before putting the attendant bed cum chairs into service the user must check that –

- Lubrication of all the mechanical joints/pins / moving parts / tightening of the bolts should be carried out at least once in three months, to avoid unnecessary sound and wear & tear of the attendant bed cum chairs

- At regular intervals carry out a visual inspection and check for any mechanical damage (e.g. loose / missing rivets, screws, etc.)
- If any damage or malfunction is observed, immediately report this matter to the operator
- If the attendant bed cum chairs are not in use, it should be stored in a dry and rodent free indoor environment on a flat surface with a gradient not more than 5 degrees
- If the attendant bed cum chairs are not in use for a long term, it is necessary to conduct a test to check for functioning and any mechanical damage that may have been caused
- Depending on the usage, certain moving parts may require replacement due to wear & tear. We recommend timely replacement with original spares for safety and trouble-free operation

Cleaning & Disinfecting



- The attendant bed cum chairs are not suitable for machine wash or steam cleaning
- Do not use water jet for cleaning
- The attendant bed cum chairs cannot tolerate the influence of strong solvent, basic or alkaline liquids & caustic agents
- The cleaning agents must not contain any substances which bring about any change in the structure or adhesive property of the plastic
- The attendant bed cum chairs should be properly cleaned and disinfected to avoid infection and stains before allotment to a new patient.
- We recommend the use of approved disinfectant and cleaning agents to clean the attendant bed cum chairs. Take extra care to clean areas that may trap dust or dirt. All detachable accessories and its component can be cleaned separately



Do not expose the attendant bed cum chairs to excessive moisture as corrosion may cause personal injury or equipment damage.

Disposal:



Product and its defective parts especially elements made of plastic, steel, rubber material should be disposed of following the statutory rules and regulations prevailing for such disposal. The user is advised to contact Midmarkindia Pvt. Ltd. for further assistance.



Routine Inspection Check List: Inspection by the User (Recommended Frequency: Every new allotment but not later than three months)

Checks	Observation	OK	Not OK	Description of faults
Visual check of the mechanical components				
Main Frame	Damage/Deformation			
Screws and Rivets	Missing/ Loose			
Mattress	Damage			
Backrest locking mechanism	Operation			
Rubber shoes	Damage/Deformation			
Performance check of components				
Legs	Secure retention			
Leg rest	Engagement			
Sign	Result of Inspection		Date	

Troubleshooting Guide

Problem	Possible Causes	Remedy
Backrest locking/unlocking function not working	<ul style="list-style-type: none"> Plunger mechanism is jam, tight to rotate Spring missing 	<ul style="list-style-type: none"> Check and do little oiling and greasing Replace the plunger mechanism Replace the spring

WARRANTY & SERVICE

Midmark India Pvt. Ltd. warrants solely to the end-users of this attendant bed cum chairs that for a period specified in the warranty certificate, such attendant bed cum chairs shall perform as per its intended use. The foregoing warranties shall not apply if the Product has been subjected to:(a) physical abuse, misuse, abnormal use, or use not consistent with Midmark India Pvt. Ltd.'s published directions, (b) any modification by anyone other than Midmark India Pvt. Ltd., or third parties designated by Midmark India Pvt. Ltd., or (c) fraud, tampering, negligence or accidents, depending upon the nature of the products.

Limitation Of Liability: In no event shall Midmark India Pvt. Ltd., be liable or obligated to the end-user in any manner for any special, non-compensatory, consequential, indirect, incidental, statutory or punitive damages of any kind. Including, without limitation. For injury or loss of life, lost profits lost sales. Lost revenue, loss of any software or data. or loss of use of any hardware, software or data, regardless of the form of action, whether in contract, tort, negligence, strict product liability, or otherwise, even if Midmark India Pvt. Ltd., has been informed of or is aware of the possibility of any such damages in advance. Midmark India Pvt. Ltd.'s total aggregate liability under this agreement and in relation to anything which Midmark India Pvt. Ltd., has done or not done in connection with this agreement shall be limited to the price of the products purchased and paid for by the end-user during the period in which such liability arises. The limitations set forth above shall be deemed to apply to the maximum extent permitted by applicable law and notwithstanding the failure of the essential purpose of any limited remedies.

In order to maintain functional safety and right to claim under the warranty only original 'Midmark' replacements parts may be used for ordering replacement parts, customer service request and further question, please contact our technical support department.

Disclaimer

Every effort has been made to ensure that the information in this user manual is valid. Midmark India Pvt. Ltd., reserves the right to change the information in this document without prior notice."

MANUFACTURER'S ADDRESS

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