



1037-A



1037-B

1037-A & 1037-B wheelchair

User Manual

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About this User Manual

- This User Manual contains instructions for the proper and safe use of Manual Wheelchair, and for patient & user safety and comfort, which has to be strictly followed.
- This User Manual has to be read and observed by every person using or handling wheelchair. In case of any query, kindly contact MIDMARK (INDIA) Pvt. Ltd

ABOUT THIS PRODUCT

- These Manual Wheelchair is non-invasive medical devices used for resting and transfer of the patients by medical / paramedical / hospital personnel to help and support the patient in diagnosis, prevention, or alleviation of the disease.
- These Manual Wheelchair is patient support and patient rest facility which help medical personnel in carrying out their medical transfer procedures comfortably, minimizing the risks while moving and handling the patient.
- These Manual Wheelchair is manufactured and supplied in non-sterile condition for use in normal hospital environment.
- These Manual Wheelchair is manually operated for short-term carrying/ transfer of patient.

1037A and 13037B Features-

Please refer to the 1037A and 13037B Manual Wheelchair catalogue for salient features of these products.

Technical Data-

Please refer 1037A and 13037B Manual Wheelchair catalogues for Technical Data of these products

Optional Accessories

Please refer to 1037A and 13037B Manual Wheelchair catalogues for various accessories available and compatible with these products.

DEFINITIONS

Operator

An operator is the person appointed by the owner (i.e. clinic, hospital management, etc.) who will be responsible for the safe operation of this Manual Wheelchair.

User

User is a person who is capable of assessing clinical condition of patient e.g. specialist medical personnel, doctors, nursing staff, attendants etc. On the basis of their training experience or through the instructions, they are entitled to operate the Manual Wheelchair on their own responsibility or to carry out work on it and are able to recognize and control possible risks to the patient as well as the Manual Wheelchair.

Patient

The patient is a person who is ill, infirm, disabled or in need of care & occupying this Manual Wheelchair. Each time the Manual Wheelchair is allotted to a new patient it is recommended that the patient is instructed by the operator or the user about the functions important for his/her comfort and safety.

SAFETY

In this User Manual the following safety symbols are used.

- Do not use without attendant independently by patient.
- Use of safety belt is mandatory
- Always lock brakes while transferring patient on or out of the wheelchair.
- ALWAYS watch clearance of patient`s feet, hands and elbows when going through doors, around corners or entering elevators

Danger:

- Do not seat on arm rest and for reasons of malfunction and safety no object should be between the armrest moving and the frame of the chair.



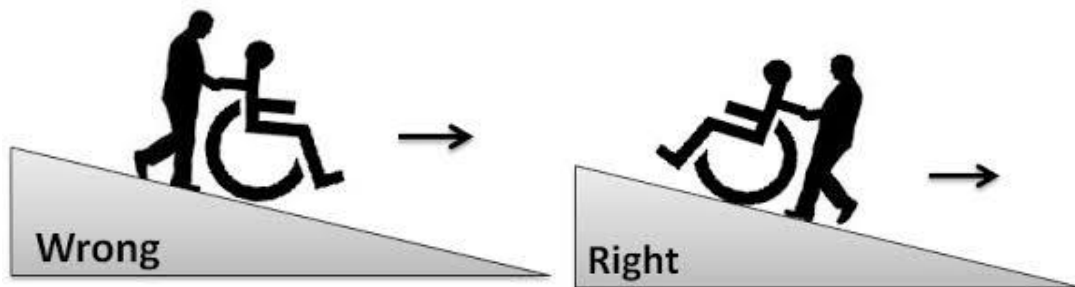
- Do not stand on foot-rest for reasons of malfunction and safety



- Do not seat on leg-rest for reasons of malfunction and safety



- Ensure when wheelchair is not in use seat belt must not left open condition keep always in locked condition to avoid malfunctioning with rear castor. Or get dusty if touching ground floor
- **MAXIMUM SAFE SLOPE**
- Static stability downhill –10° (with break)
- Static stability uphill – 6° (with break)
- While traveling wheelchair on uphill safety precautions.
- Don't travel uphill or downhill without safety belt



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

Safety Instructions -

- Always use Midmark accessories that have been designed and approved for use with the Manual Wheelchair.
- Ensure that the Manual Wheelchair is assembled and installed in accordance with the instructions given in this User Manual. • Restrict child visitors without proper attendants. Supervision is necessary to avoid any mishap due to unintended

Movement of the Manual Wheelchair.

- Persons with reduced physical or mental abilities & children must not be allowed to use & handle the Manual Wheelchair without proper supervision.
- Do not allow any visitor to sit on the Manual Wheelchair, as it may cause overloading. (Refer Section-Operation).
- Accessories or any devices used along with the Manual Wheelchair should be as per its intended use specified and approved by Midmark.
- Make sure that the patient is safely positioned to avoid entrapment or imbalance.
- Ensure that the Manual Wheelchair move on a smooth step less floor without any obstruction in its path to prevent any convenience to the patient and damage to undercarriage of the Manual Wheelchair.
- Ensure that Back side castor with locking breaks always lock when it is stationary.

- Keep some gap between wall and Manual Wheelchair while in stationary position and also while moving from one place to another.
- Keep the user manual handy with operator/user for ready reference.
- Always use the Oxygen cylinder for **max ϕ 160mm x 620mm height only**, straps provided with Oxygen cage in order to avoid any injuries to attendant during emergency.



Midmark (India) Pvt. Ltd. Recommended the use of original mattress that have been design and tested especially for these Manual Wheelchair. Mattress impermeability could be affected by needle sticks. Users should be instructed to avoid punctures caused by improper use of improper needle sticks. Failure to do so could result in cross – infection & patient injury. The mattress should be regularly inspected for punctures, rips, tears, or other such damage and replaced with a suitable mattress if required.



The shape and height of the side railing is optimized to provide patient safety from accidental roll over at the same time facilitating the user to provided easy access for emergency treatment and assistance to the patient.

ENVIRONMENTAL SPECIFICATIONS

Operating

Temperature	0°C to 50°C
Relative Humidity	0% to 95% noncondensing
Atmospheric Pressure	800 to 1060 hPa
Altitude	< 2000m

Storage /Transport Temperature

Temperature	-10°C to 50°C
Relative Humidity	0% to 95% noncondensing
Atmospheric Pressure	800 to 1060 hPa
Altitude	< 2000m
Protection degree	IP54

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. Each Manual Wheelchair is supplied with the following components as per packing list: -

Packing list for 1037A-1037B

Oxygen cylinder cage	1No.
IV Rod -	1No.
Detachable leg support	1Nos.
Urine bag holder	1Nos.
Detachable leg support mounting bracket	1Nos.

Oxygen cylinder cage

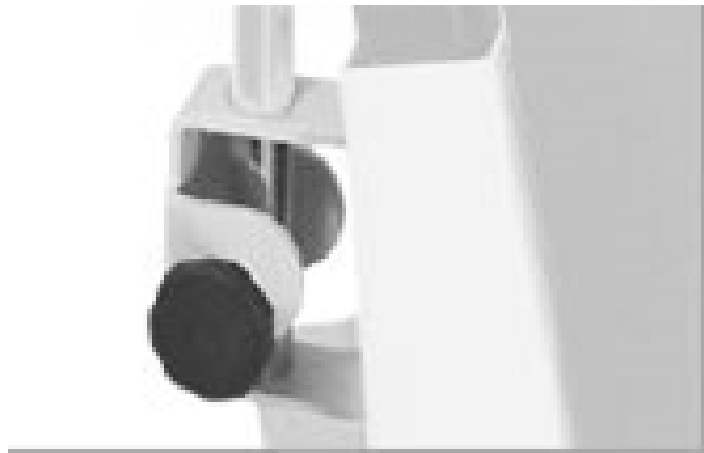
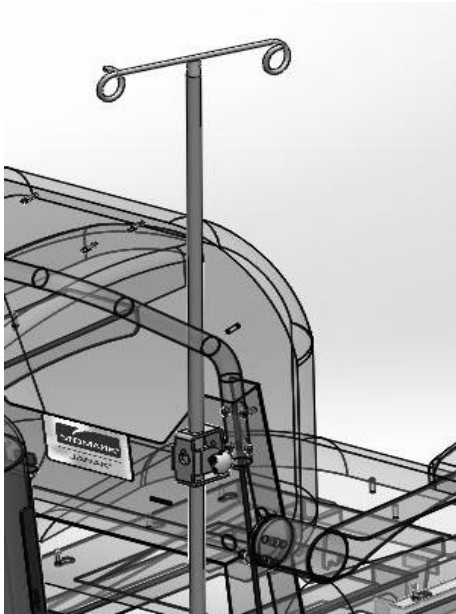
Loosen the belt and insert oxygen cylinder from top End and pull the belt tight and fix the oxygen cylinder.

(Max ϕ 160mm x 620mm height only)



IV-rod

- Insert it into the IV rod mounting bracket placed on backside of the wheelchair from the top side. Keep it at a suitable height. And tight the knob.



Detachable leg support

- This leg support will be used for patient who having fracture in leg (left/ right) will support the patient



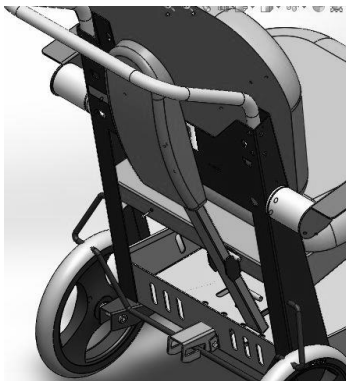
Urine Bag holder

- This urine bag holder will use to hang urine bag while transferring patient



Detachable leg support mounting bracket

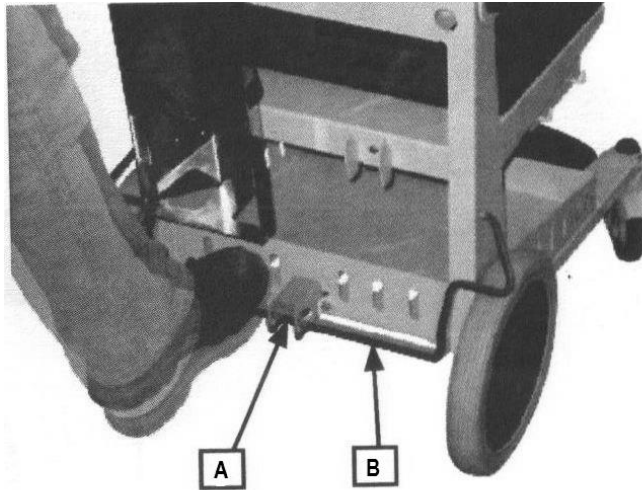
- This is the parking for detachable leg support when not in use you can carry the same along with wheelchair



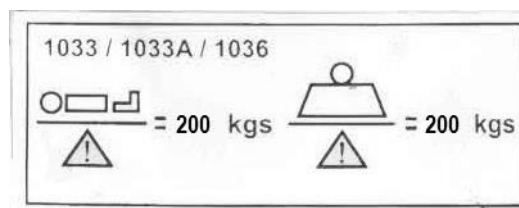
Castor Breaks

Using of breaks locking unlocking-

- Press your Foot on brake paddle (B). the back casters will lock
- To unlock the breaks, press on the central paddle(A) the casters will free



Load Bearing Capacity of 1037A-1037B Manual Wheelchair



MAINTENANCE & CLEANING

Each time before putting the Manual Wheelchair in to service the user must check

- All functions are in satisfactory working condition before the Manual Wheelchair is allotted to the next patient.
- Lubrication of all the mechanism joint /pins/moving point /tightening of bolts should be carried out at least once in three months, to avoid unnecessary ply, sound and wear tear of the Manual Wheelchair.
- At regular intervals carry out a visual inspection and check for any mechanical damage (e.g. rivets, screw etc.)
- If any damage or malfunction is observed, immediately report this matter to the operator.
- If the Manual Wheelchair is not in use, it should be stored in dry and rodent free indoor environment on a flat surface with gradient not more than 5 degrees.
- Depending on the uses, 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 Manual Wheelchair is not suitable for machine wash or steam cleaning.
- Do not use water jets for cleaning.
- The Manual Wheelchair cannot tolerate the influence of strong solvent, basic or alkaline liquids & caustic agents.
- The cleaning agents must not contain any substance which brings about any change in the structure or adhesive property of the plastic.
- The Manual Wheelchair should be properly cleaned and disinfected to avoid infection and stains before the next use.
- Immobilize the Manual Wheelchair & remove all the detachable accessories and components before cleaning. Any prolonged contact of urine or acid on mild steel can corrode the surface. Keep the surface dry all the time.
- Wearing suitable protective clothing, clean the surface with a disposable cloth soaked in a neutral detergent and hot



- Do not expose the Manual Wheelchair to excessive moisture as corrosion may cause personal injury or equipment damage.



- A product and its defective parts, especially element made of plastic, steel and rubber material should be disposed of in accordance with the statutory rules and regulation prevailing for such disposal. The user is advised to contact Midmark India Pvt. Ltd. For further assistance.

Routine inspection Check List: Inspected by user

(Recommended frequency: Every new allotment but not later than one month)

Checks	Observation	Ok	Not Ok	Description of faults
Visual check of the mechanical component				
Main structural Frame	Damage, Deformation			
Screw and rivet are tight	Missing/loose			
Detachable Leg support	Missing/loose			
Proper placement of stretcher top	Backrest placed on head side of main frame			

Performance check of mechanical component				
Arm rest (Product Specific)	Secure Engagement, Release.			
iv-poll	Missing/loose			

Troubleshooting Guide

Problem	Possible Causes	Remedy
Break-unbreak function not working (Product specific)	Spring damage or deform	Replace spring Tighten the foot pedal or replace spring
Castor	Castor broken	Replace castor
Backrest (Product Specific)	Test as per instruction for operation.	
Rexine Covered Mattress	Tear, Puncture, Soiled, Torn	
Sign	Result of Inspection	

WARRANTY & SERVICE

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. Midmark India Pvt. Ltd. warrants, solely to the end users of this product that for a period specified in the warranty certificate, such product 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.

To maintain functional safety and the right to claim under the warranty only original replacement parts may be used. For ordering replacement parts, customer service requests and further questions, please contact our technical support department.

MANUFACTURER'S ADDRESS**Corporate Office:**

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