



PARAMOUNT BED

INSTRUCTION MANUAL

A5 Series Bed

7C01750700AB



Note: In the illustration, an optional mattress is attached.

Preface

Thank you for purchasing **A5 Series Bed**.

This instruction manual describes precautions and how to safely use and operate the bed.

- Before using this bed, please read this instruction manual to fully understand the safe and proper operating procedures.
- The correct operating procedures should be explained not only to the persons using the bed but also to caregivers.
- After reading this instruction manual, store it where it can be easily accessed for later reference.
- The actual product purchased may differ from detailed descriptions given in this instruction manual due to product improvements.
- Values in the specification such as working range, dimensions, angles and mass are subject to normal manufacturing tolerances. Besides some exemptions, display purpose words such as “approximately”, “about” etc. are omitted.
- For any queries, please feel free to directly contact Paramount Bed or your distributor.
- Users and/or patients are requested to report information about any serious incident related to this equipment that occurs within the EU to the manufacturer and the regulating authority of the member country of residence. 'Serious incident' means any incident that directly or indirectly led, might have led or might lead to any of the following:
 - the death of a patient, user or other person.
 - the temporary or permanent serious deterioration of a patient's, user's or other person's state of health.
 - a serious public health threat.

PARAMOUNT BED CO., LTD.

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NOTE

- After pages 4, some part names described in the text are abbreviated as follow:
 - Bed side-rail → Side-rail

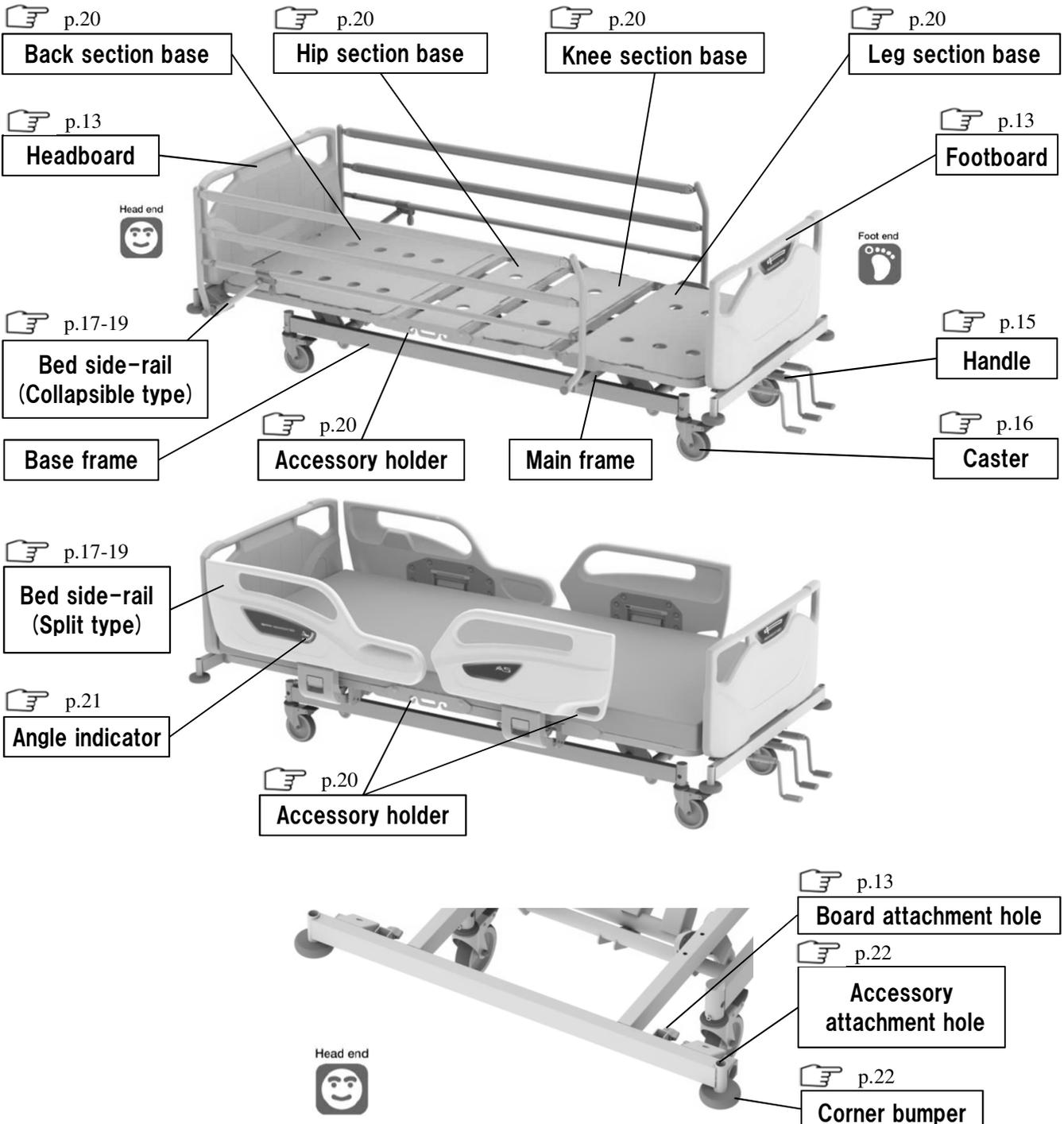
1 INTENDED USE / PART NAMES

1. Intended Use

- This bed is designed to be used for patient care in medical institutions and elderly care facilities.
- ※ For details of the patient target groups and contra-indications, the intended users and clinical benefits, see "Specifications".

2. Part Names

 The page number shown next to this symbol indicates where the related explanation can be found.



2 SAFETY PRECAUTIONS

■ Be sure to read these safety precautions beforehand to ensure proper usage.

- The safety precautions described here are intended to ensure safe use of the product and prevent personal injury and property damage. Precautions are classified as "WARNING" and "CAUTION" to indicate the degree of hazard or injury that may result from improper use. **These are important safety precautions that must be strictly observed.**

 WARNING	Indicates actions that may result in death or serious injury (broken bones, pressure or paralysis) if the indication is ignored.
 CAUTION	Indicates actions that may result in light personal injury (bruises, wounds, or cuts) or property damage if the indication is ignored.

Among items described in SAFETY PRECAUTIONS, are especially important because ignoring them could result in serious life-threatening accidents. Be sure to read these notes and use the product safely and properly.

Be especially careful to check patients who might act in unexpected ways or cannot maintain their posture

※ After reading this instruction manual, store it in a place that can be easily accessed for later reference.

[Safety label]

- Precautions requiring special attention by persons using the bed are affixed as pictured in the figure.
- If the safety label is removed or defaced, replace it with a new one obtained from Paramount Bed or your distributor.



Head end



Foot end



2 SAFETY PRECAUTIONS

WARNING

- Be careful not to allow any part of the body (especially the head or neck) to enter the gap between the side-rail, or the side-rail and the board or the mattress base (especially when raised).



- When the head or neck enters the gap, the patient and/or user might not be able to withdraw, and there is a risk of injury.
- Be especially careful to check patients who might act in unexpected ways or cannot maintain their posture independently.

- Be careful not to allow any part of the body to enter the gap in the side-rail and the board.

- If the bed is operated with a body part placed in the gap, the part may get caught, resulting in injury.
- When the head or neck enters the gap, the patient and/or user might not be able to withdraw, and there is a risk of injury.
- Be especially careful to check patients who might act in unexpected ways or cannot maintain their posture independently.

- Be careful not to allow any part of the body (especially the head or neck) to enter the gap between the side-rail and the mattress base or the mattress.

- If the bed is operated with a body part placed in the gap, the part may get caught, resulting in injury.
- When the head or neck enters the gap, the patient and/or user might not be able to withdraw, and there is a risk of injury.
- Be especially careful to check patients who might act in unexpected ways or cannot maintain their posture independently.

- When performing the height adjustment with the split type side-rail lowered, do not place legs under the side-rail.

- There is the risk that the legs may get caught, resulting in injury.

- Do not insert a hand (fingers) or legs between the bed frame and the mattress base during operation.

- The body part may get caught in the gap between the lowered mattress base and the bed frame or the board, resulting in injury.

- Check the patient's condition when adjusting the base angle or bed height.

- If the patient on the bed moves when the base angle or bed height is adjusted, the patient may fall off the bed or get caught in the gap between the bed and the side-rail or the board, resulting in injury. Perform the adjustment while supporting patients who cannot maintain their posture independently.

- Do not crawl or place your head or hands/legs under the bed.

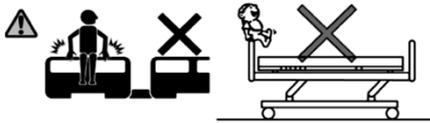


- There is a risk of getting caught between the moving part on the bed and the frame or the side-rail, resulting in injury. Check to make sure there are no people or objects around the bed before operating the bed.

2 SAFETY PRECAUTIONS

WARNING

- Be careful not to allow any part of the body to enter the gap between the bed and wall or surrounding obstacles.
 - There is a risk that a part of the body may get caught, resulting in injury.
- Take care to prevent a patient from falling off the bed even when side-rails are raised.
 - A patient may fall off the bed through the gap between the side-rails, or a board and side-rail, resulting in injury.
 - If a patient bends forward over a side-rail, they may fall off the bed, resulting in injury.
 - Be especially careful to check patients who might act in unexpected ways or cannot maintain their posture independently.
- Do not adjust the side-rails from inside the bed.
 - The side-rails may drop suddenly and there is a risk of injury caused by a patient falling off the bed.
- When transporting a patient, raise the side-rails.
 - There is a risk of the patient falling off the bed, resulting in injury.
- Do not sit on the side-rails, the headboard, or the footboard.



- A patient could fall off the bed, or the bed or side-rails could be damaged or deformed, resulting in injury.

- When leaving the bed area or temporarily taking your eyes off the patient, check the mattress base angle, bed height, and the side-rail status.
 - If a physician, nurse, or caregiver leaves the bed area or temporarily takes their eyes off the patient, flatten the mattress base angle and set the bed height at the lowest position according to the patient's condition because there is a slight chance that the patient could fall off the bed.
 - For patient who cannot maintain their posture independently or have trouble walking, raise all bed side-rails.
- Pay attention to prevent the patient from being compressed by back raising.
 - Especially before birthing, if the back section base is raised excessively, the patient might be compressed, resulting in injury.
- Use the bed in the correct orientation.



- Lying down on the bed with the feet at the head end and the head at the feet end induces an unnatural posture during bed operation (base angle) which may result in injury.

2 SAFETY PRECAUTIONS

WARNING

- Do not perform any angle adjustment when the patient is lying face down or on their side (in any posture other than lying face up).



- There is a risk of injury caused by extending the joints backward.

- Use the bed according to the patient's medical condition.

- The bed operations may adversely affect the medical conditions of patients with specific symptoms. Before the patient or a family member operates the bed, make sure that the physicians or nurses explain details given in the instruction manual and proper usage to suit the patient's medical condition.

- Do not perform the bed operation such as raising the back or knee section base with a restraint belt attached to the main frame.

- The patient's body may be squeezed resulting in injury or the bed may get damaged or deformed.

- Do not use the bed for infants or small children.



- This product is not designed for infants or small children. There is a risk of injury caused by the infant or small child getting caught in gap between the side-rails.
- There is a risk that infants may fall off the bed through the gap between the side-rails, even when the side-rails are used.

- Do not stand on the bed.



- There is a risk of injury caused by the person falling off the bed or falling down, or the bed could be damaged or deformed. Pay close attention to children.

- Make sure that there is nothing in the board attachment holes or the accessory attachment holes when mounting the boards or the accessories.

- If there are obstacles in the attachment holes, you cannot mount the boards or the accessories, and the patient may fall off the bed or get caught in the gap, resulting in injury.

- Do not attach a restraint belt to boards or side-rails.

- The belt could unexpectedly come off, resulting in injury, or the bed could get damaged or

- When attaching the restraint belt to mattress base, put it through the mounting bracket of the mattress base.

- If the restraint belt is attached to something other than the mounting bracket, the belt could unexpectedly come off, resulting injury, or the bed could be damaged or deformed.

2 SAFETY PRECAUTIONS

WARNING

- Do not combine the bed with products other than the suitable products specified by Paramount Bed.
 - For options directly attached to the bed such as mattresses, use suitable products specified by Paramount Bed. Using other products may create unintended gaps, cause interference between products, or lower the product safety, which may result in injury or operational failure.
- Keep the bed away from fire.
 - Do not use thermal appliances such as heaters near the bed. Otherwise, the bed may be damaged or deformed, or even catch fire.
- During operation, be careful not to trap the tubes.
 - It may cause damage to the tubes and devices or be trapped within the moving bed parts, resulting in injury.
- When moving the bed, watch your step.
 - Your leg may bump into the caster operation pedal or your foot may get caught by a caster, resulting in injury.
- Lock the casters at all times except when moving the bed.
 - The bed may move when a patient gets into or out of the bed, resulting in an unexpected injury. When moving the bed, unlock the casters.
- Do not repair or modify the product or its components.
 - This may create unintended gaps or may cause abnormal operation, resulting in injury.
- Inspect the bed regularly.
 - The product exhibits wear and deterioration according to the frequency and conditions of use. Inspect for loose parts, the operation of moving parts on the bed, and the presence of damage regularly. There is a risk of unexpected injury.
- Beds damaged in accidents must be inspected and repaired before being reused.
 - Beds damaged in earthquakes, fires, or floods or other incidents must be inspected and repaired by Paramount Bed or your distributor. Otherwise, there is a risk of injury due to malfunctioning caused by deformation of the bed.
- The bed should not be used by two or more persons.
 - This bed is designed for use by one person. When used by two or more persons, the bed could be damaged, resulting in injury. User's maximum weight is 135kg. If a physician, nurse, or caregiver needs to get on the bed for a short time, confirm the following conditions beforehand.
 - The total weight of the person to get on the bed must not exceed user's maximum weight.
 - The mattress base has been lowered all the way, and is flat.

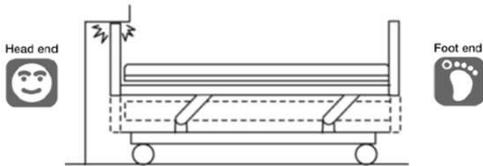
WARNING

- Do not apply more than the safe working load on the bed.
 - The bed could be damaged, resulting in injury. The safe working load of this bed is 1760N (180kgf). The safe working load is the maximum load with which the bed can be operated and is the total load of the user's weight and incidental items including the mattress and options.
- Do not place the bed on the inclination which angle is 6 degree or more.
 - The bed may tip over, resulting in an injury.
- Do not spray a spray-type insecticide directly on the bed.
 - There is a risk that the solvents contained in insecticide may damage, discolor, or dissolve casters or other resin parts of the bed. Check for damage caused by insecticide because damaged or dissolved parts may cause an unexpected injury.

2 SAFETY PRECAUTIONS

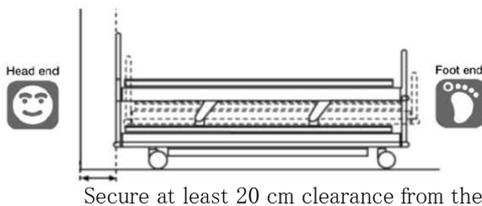
CAUTION

- When performing the height adjustment, pay attention not to hit the wall or beam.



- The bed or wall may be damaged or deformed. Make sure that the bed does not hit the wall or beam during the height adjustment.

- When setting up the bed, make sure that there is at least 20 cm clearance from the wall.



- The main frame moves back and forth during the height adjustment and could hit the wall, causing damage or deformation of the bed.

- Do not get on the mattress base when it is raised.

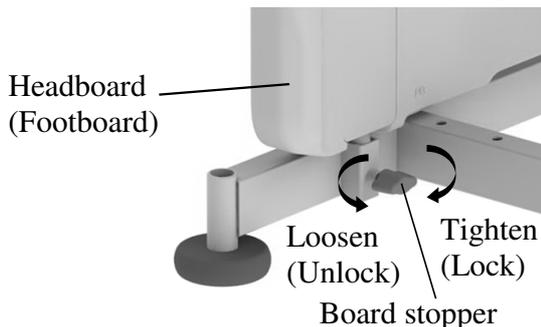


- It applies excessive force to the support of the mattress base, causing damage or deformation.

- Check around the bed before operating the bed.

- The bed operations may damage objects located around the bed, or may cause the bed to be damaged or deformed.

- Make sure that the board stoppers are properly locked.



- If the board stoppers are not locked properly, the board may suddenly disengage when a staff pushes (pulls) the board to move the bed or a patient grabs the board to support their body, resulting in injury due to the patient losing balance and falling down.

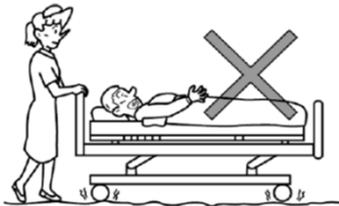
- Do not hold the side-rails to move the bed.

- It applies excessive force to the side-rails, causing damage or deformation.

2 SAFETY PRECAUTIONS

CAUTION

- Avoid transporting over uneven floors.

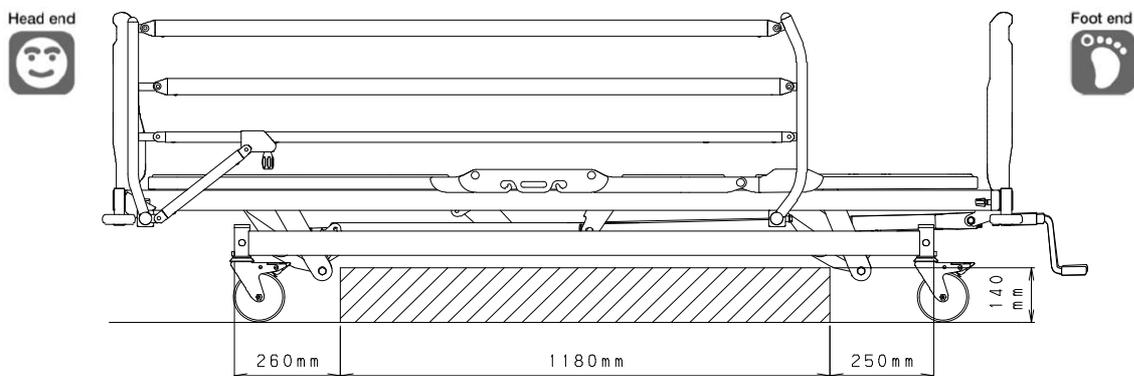


- This may cause damage to the bed, or deformation or failure of the bed. If moving on uneven floor is necessary, move the bed as slow as possible.

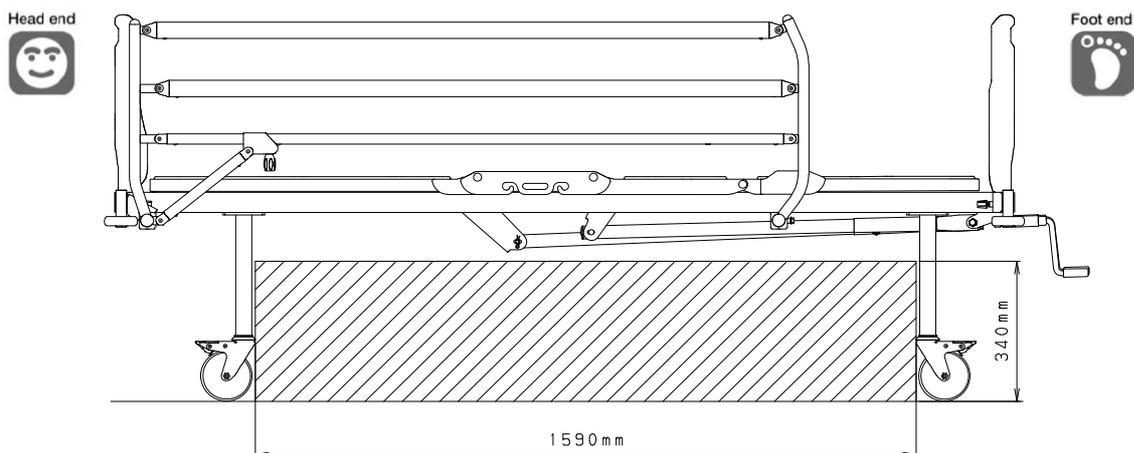
- When using a patient lifter, it can be used in the area as shown in the picture.

- Do not use the patient lifter in the other area because it may damage or deform.

<3 function gatch bed>



<1,2 function gatch bed>



- The angle of the leg section base must be adjusted by at least two persons from both sides of the bed.

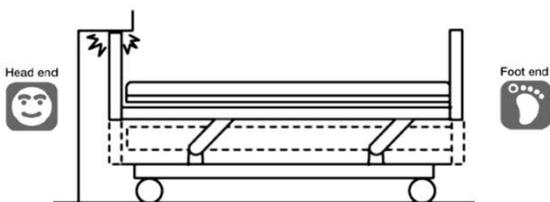
- If only one person attempts to adjust the angle, the person may get caught between the leg section base and main frame, resulting in injury.

3 INSTALLATION

- When using the IV pole with the oxygen cylinder holder, do not insert it into the accessory attachment hole of the head side and foot side. (3 function gatch bed only)
 - If used on a sloped floor, the bed may fall over and cause injury.
 - When using the oxygen cylinder holder and IV pole together, use the accessory attachment hole on the left and right sides of the head.
- To avoid possible malfunctions, do not install the bed in the following
 - Locations expose to direct sunlight
 - Locations near heat sources such as a stove or heater
 - Location which is heavily electrically charged such as near an MRI
 - Location that has a high oxygen level
 - Locations exposed to excessive amounts of water vapor or oil vapor
 - Location that tend to be exposed to high temperatures, high humidity, low temperatures or dry conditions
 - ※ The optimum ambient conditions for the bed are as follows.
Temperature 5°C to 40°C / Humidity 20%RH to 90%RH at 30°C / Atmospheric pressure 700hPa to 1060hPa.
 - Locations with large amount of dust, smoke, salt, sulfur, or corrosive substances
 - Locations with poor ventilation
 - Locations exposed to vibrations or shocks (including during transportaion)
 - Locations where the floor is not strong enough
 - Locations where the floor is not level

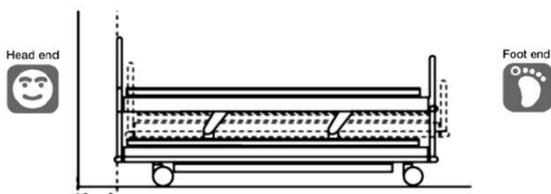
CAUTION

- When performing the height adjustment, pay attention not to hit the wall or beam.



- The bed or wall may be damaged or deformed. Make sure that the bed does not hit the wall or beam during the height adjustment.

- When setting up the bed, make sure that there is at least 20 cm clearance from the wall.



Secure at least 20 cm clearance from the wall.

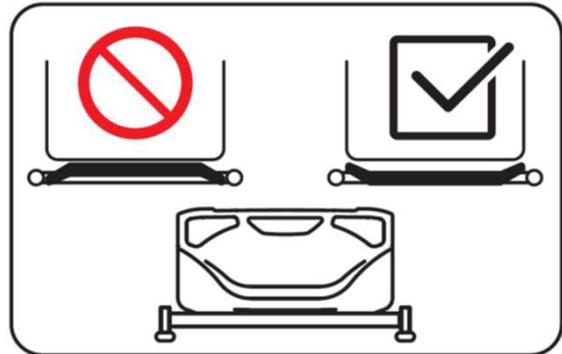
- The main frame moves back and forth during the height adjustment and could hit the wall, causing damage or deformation of the bed.

4 ASSEMBLING THE BED

1. Board

WARNING

- Do not attach the board in the wrong way, or the head or neck enters the gap between the board and the side-rail, and there is a risk of injury.
- Do not leave the board detached, or a patient may fall off the bed, resulting in injury.
- Do not detach the headboard when lifting pole is attached, or the head or neck enters the gap between the side-rail and the lifting pole, and there is a risk of injury.

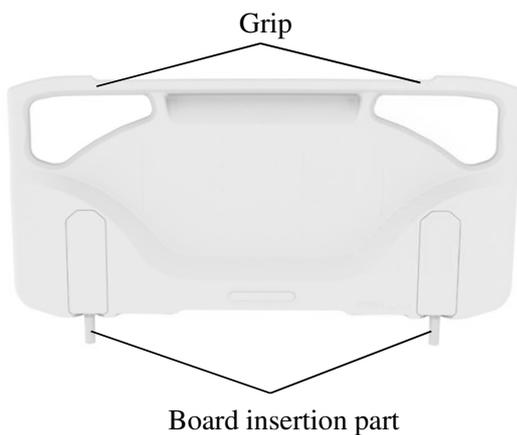


CAUTION

- When attaching the board, make sure that the board stoppers are properly locked. Otherwise, the board may disengage when the bed is moved, resulting in injury due to a fall.
- Do not attach the board to a hole other than the board attachment hole. Attachment could become insufficient and the board could be rattled or come off, resulting in injury.
- When removing the board, do not forcefully lift it while the board is tilted. There is a risk of deformation of the board insertion parts.

■ The boards can be attached or detached.

When washing the patient's hair, detach the headboard. When performing lower limb training or giving a foot bath, detach the footboard.

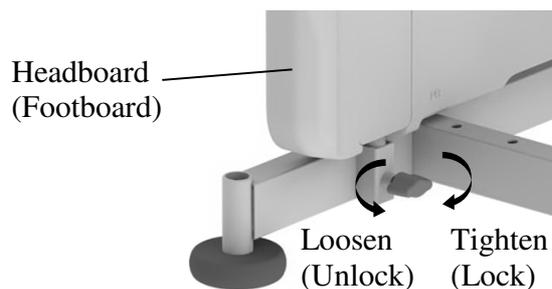
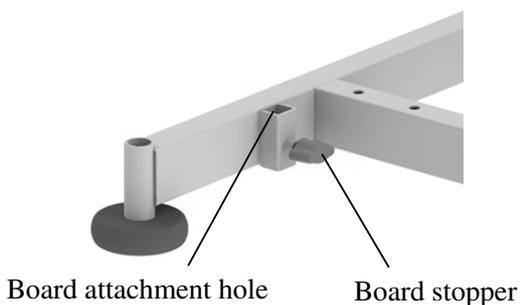


[Attaching]

- ① Loosen the board stoppers on the bed.
- ② Hold the grip of the board to lift it and properly insert the board insertion part into the board attachment hole of the bed.
- ③ Firmly tighten the board stopper to fasten the board.
- ④ Lightly pull up the board and check that the board is locked.

[Detaching]

- ① Loosen the board stoppers on the bed.
- ② Hold the grip of the board and pull it directly up.



5 OPERATION PROCEDURES

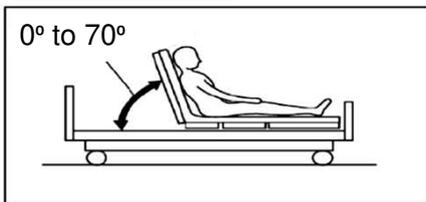
1. Operation over view

WARNING

- When performing a position operation, check that the patient's head, arms, feet, or other body parts have not entered the gap of the side-rails, or the space between the back section base and the frame; There is a risk of getting caught, resulting in injury.
- When performing the height adjustment with the split type side-rail lowered, do not place legs under the side-rail. There is a risk of getting caught, resulting in injury.

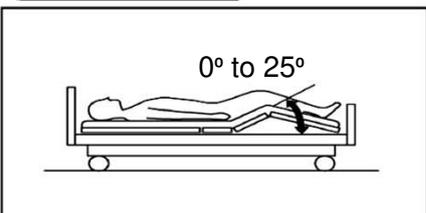
- The angle of the back and knee section bases and the bed height can be manually adjusted with no increments.

Back raise



- The angle of the back section base can be adjusted from an angle of 0° to 70°.

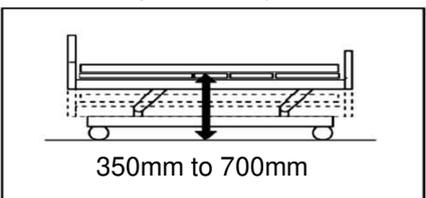
Knee raise



- The angle of the knee section base can be adjusted from an angle of 0° to 25°.

Height adjustment

※ 3 function gatch bed only



- The height from the floor to the mattress base surface can be adjusted.

5 OPERATION PROCEDURES

2. Adjusting the base angle or the bed height

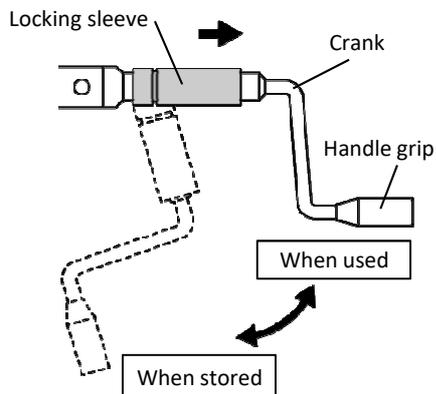
WARNING

- During operation, do not place any part of the body (especially the head or neck) in the gaps between the side-rails or between the mattress base and the main frame. Doing so may cause body parts to be trapped causing injury.
- Be sure to store the handle when not using it. Otherwise, it could catch on a person's leg, causing injury.
- Do not use the handle as a step. Otherwise, there is a risk of injury due to falling or malfunction.

CAUTION

- Pull the handle out fully before use. Using the handle when it is not properly extended may damage it.
- Make sure that small children do not play with the handle.

- The angle of the back and knee section bases and the bed height can be manually adjusted with no increments by using the handle on the main frame.

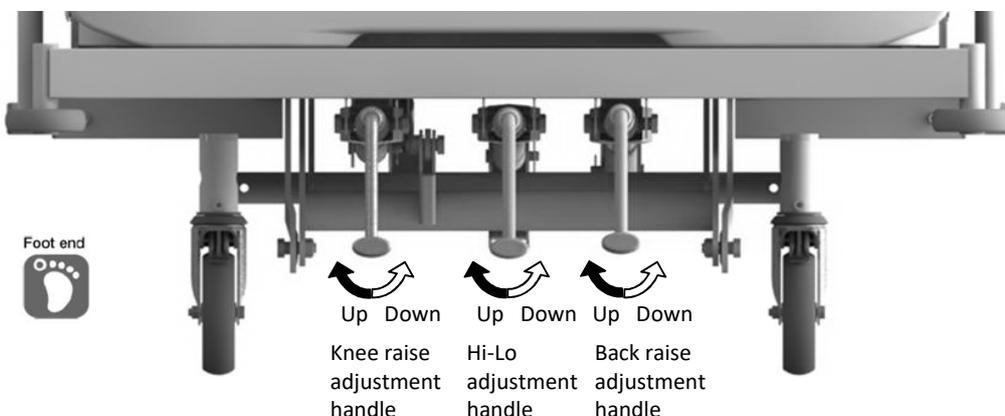


[To use the handle]

Hold the locking sleeve and pull up. The locking sleeve will automatically be locked to enable operation.

[To store the handle]

Hold the locking sleeve, pull towards you, and press down to store.



- When the handle is turned to its maximum limit, it slips to prevent from going over the limit.

5 OPERATION PROCEDURES

3. Casters

WARNING

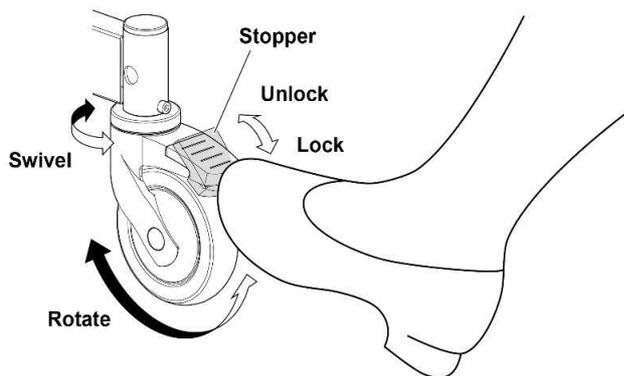
- Lock the casters at all times except when moving the bed. The bed may move when a patient gets into or out of the bed, resulting in an unexpected injury.

CAUTION

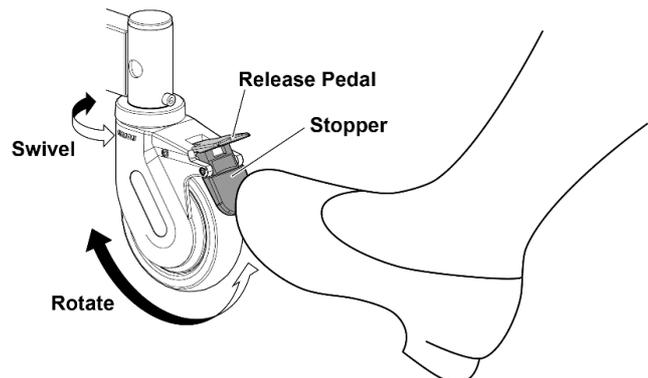
- Do not attempt to forcibly move the bed when the casters are locked (fixed), as doing so will cause

<Individual locking system>

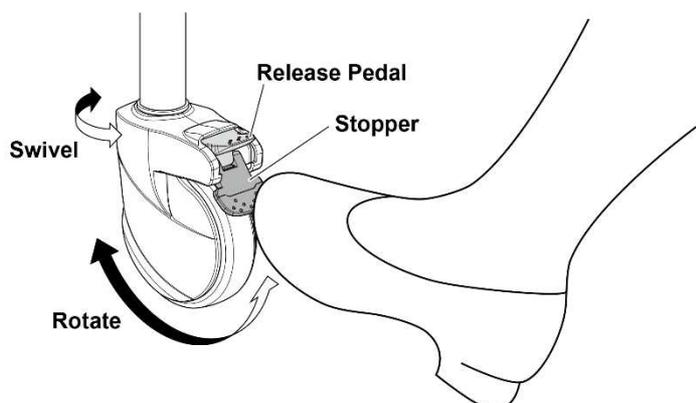
- Use the stopper to lock or unlock the casters.
- Stoppers are on four casters on each corners of the bed.
When locking, be sure to lock all casters.
- Depressing the stopper locks the swiveling and rotation of the caster.
- Prior to locking, be sure that the caster is not out of the bed frame.
- To unlock, press the upper part of the stopper or the release pedal with the toe.



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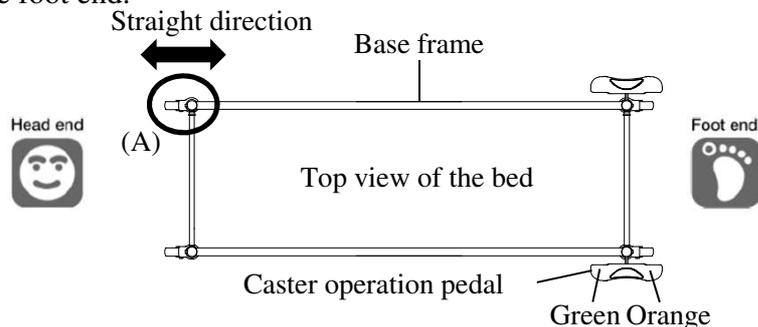


- Inspect the caster regularly. Depending on the frequency of use and the environment, caster will exhibit wear and deterioration. (High-temperature and high-humidity condition may accelerate the deterioration.)

5 OPERATION PROCEDURES

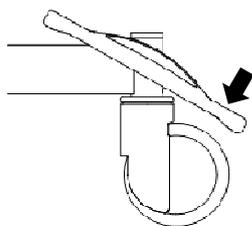
<Total locking system>

- The casters can be set to either of the positions below by operating the caster operation pedal on the both side of the foot end.



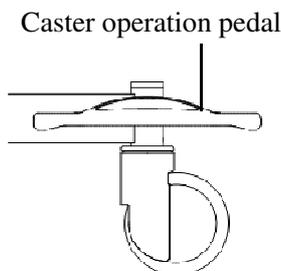
① Locking the four wheels (Lock position)

Depress the orange pedal to lock swiveling and rotation of the four wheels.



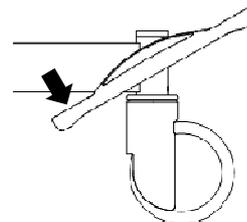
② Unlocking the four wheels (Free position)

Returning the pedal to the horizontal position unlocks the four wheels, allowing them to swivel and rotate.



③ Straight-line movement (Steering position)

Depress the green pedal to lock swiveling of the caster (A) (one wheel only) in a straight forward direction. It helps the bed to be moved straight forward easier.



- Inspect the caster regularly. Depending on the frequency of use and the environment, caster will exhibit wear and deterioration. (High-temperature and high-humidity condition may

4. Bed side-rails

! WARNING

- Be careful not to allow any part of the body (especially the head or neck) to enter the gap between the side-rail and the mattress base or the mattress. When the head or neck enters the gap, the patient might not be able to withdraw, and there is a risk of injury.
- Be especially careful to check patients who might act in unexpected ways or cannot maintain their posture independently.
- Do not adjust the side-rails from inside the bed. The side-rails may drop suddenly and there is a risk of injury caused by a patient falling off the bed.
- Do not let patient lean against the side-rail while it is raised. The patient may lose a balance and there is a risk of injury caused by a patient falling off the bed.
- Do not place legs on the side-rail while it is lowered. The bed could turn over, resulting in injury.
- When raising side-rails, make sure that the side-rails are locked. If the side-rails are not completely locked, they may move unexpectedly, resulting in injury.
- Take care to prevent the intravenous tubes or the drain tubes from getting caught. When operating the side-rails, tubes could get caught between the side-rail and mattress and be damaged, resulting in injury.
- When performing the height adjustment with the split type side-rail lowered, do not place legs under the side-rail. There is a risk of getting caught, resulting in injury.
- When operating the side-rails, make sure that the patient's hands or feet have not entered the gap between the side-rail and mattress base. When the hands or feet enter the gap, the patient could get caught in the gap, resulting in injury.
- When operating the side-rail with the back section base raised, operate the side-rail with caution. Depending on the back section base angle, the side-rails may move unexpectedly and there is a risk of injury.

6 OPERATION PROCEDURES

<Split type>

- There are a total of four side-rails, two side-rails on the left and right, respectively.
- Side-rails prevent the patient from falling off the bed.
- All the side-rails are provided with shock absorber.

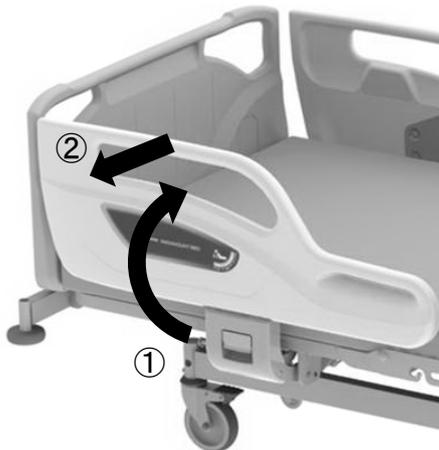


Side-rail position when it is raised.



Side-rail position when it is lowered.

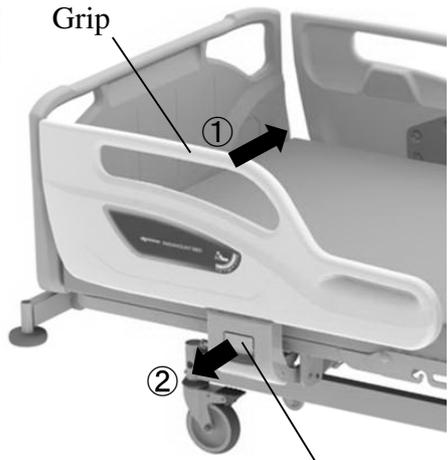
Head end



[Raising the side-rails]

- ① Lift the side-rail and push in until it clicks into place.
- ② Pull the side-rail to make sure that the side-rail is locked.

Head end



Grip

Operation lever

[Lowering the side-rails]

- ① Use one hand to hold the grip of the side-rail and push it.
- ② Use the other hand to pull the operation lever toward you with pushing the side-rail to opposite direction and, while supporting the side-rail, lower the side-rail until it stops.



- The side-rails have a Anti-tampering Lock Feature that keeps the patient safely within bed by preventing the side-rails lock from being released when the patient is leaning against the side-rail. This prevents the patient from falling over when he is attempting to lower the side-rail by himself.

6 OPERATION PROCEDURES

<Collapsible type>

- There are a collapsible side-rail on the left and right, respectively.
- Side-rails prevent the patient from falling off the bed.



Side-rail position when it is raised.



Side-rail position when it is lowered.

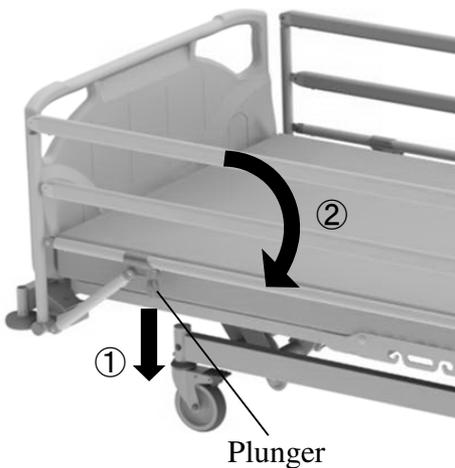
Head end



[Raising the side-rails]

- ① Lift the side-rail until it clicks into place.
- ② Push down the side-rail to make sure that the side-rail is locked.

Head end



[Lowering the side-rails]

- ① Use one hand to hold the top of side-rail and use the other hand to pull the plunger downwardly.
- ② Lower the side-rail slowly until it stops.

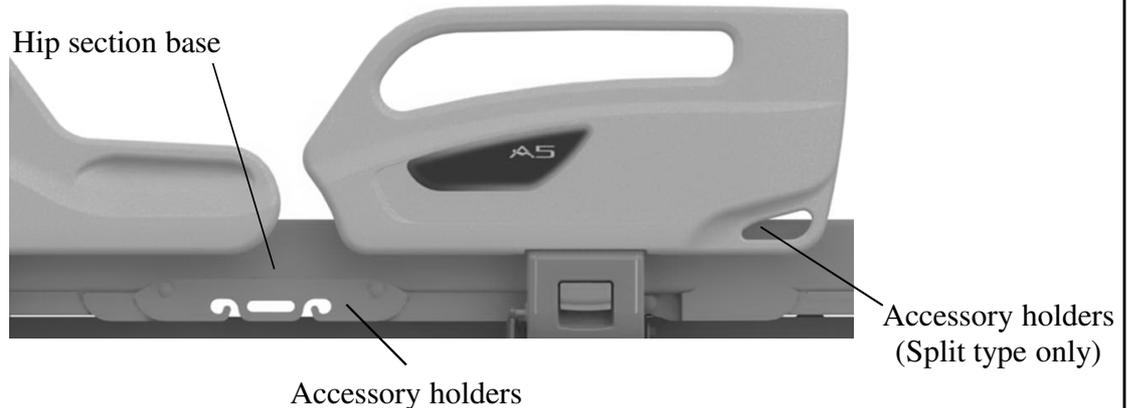
5 OPERATION PROCEDURES

5. Accessory holders

CAUTION

● Do not apply more than 3kg load to the accessory holder. This may cause damage and deformation of the accessory holder.

■ Accessory holders are provided on both sides on hip section base and on both side-rails near to the footboard. These holders can be used for hanging the urine bags, etc.



- Commercially available urine bags may have a different attachment method or dimensions, depending on the manufacturer; use only those bags that are authorized for use with the bed.
- When attaching a urine bag, take care to prevent the bag or tube from getting caught when operating the bed or side-rails.

6. Detaching the mattress base

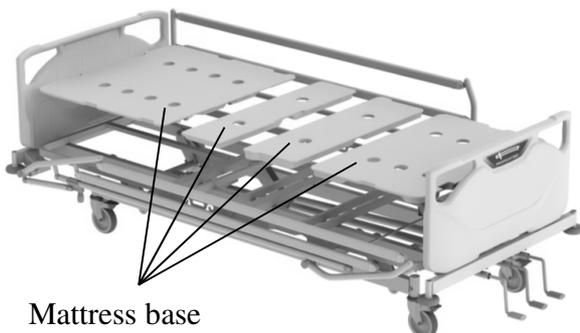
■ The mattress base can be detached to clean the undersurface of the mattress base or to maintain the bed.

[Detaching the mattress base]

Lift the mattress base up.

[Attaching the mattress base]

Set the mattress base on the frame.



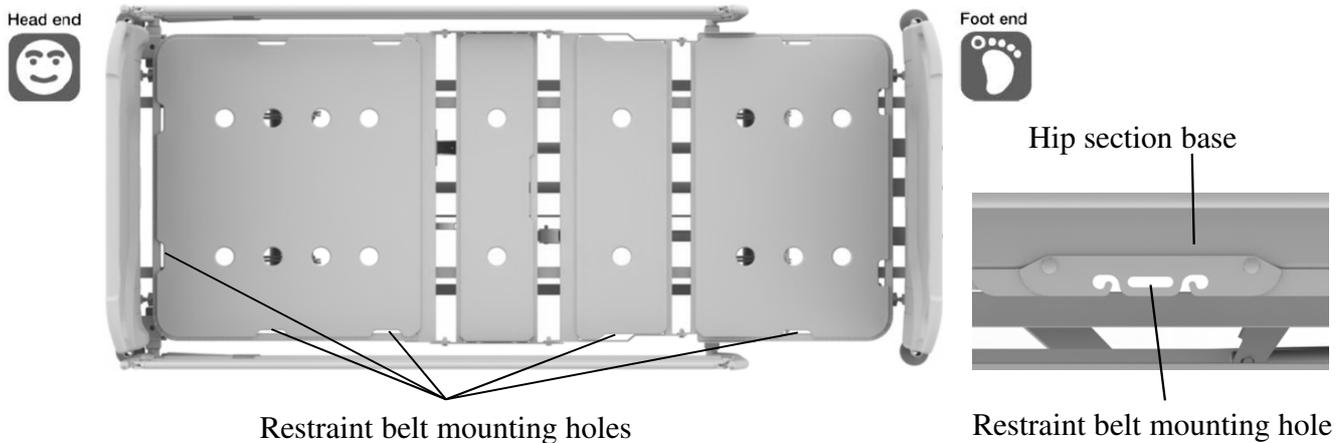
5 OPERATION PROCEDURES

7. Restraint belt mounting holes

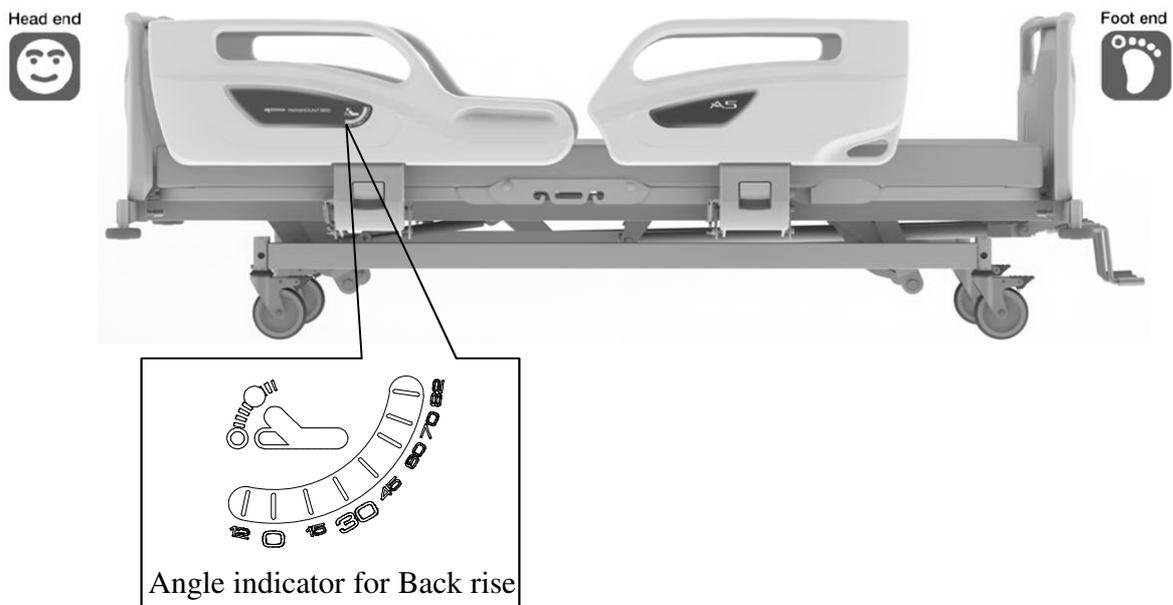
WARNING

- Do not perform the bed operation such as raising the back or knee section base with a restraint belt attached to the main frame. The patient's body may be squeezed resulting in injury or the bed may get damaged or deformed.
- When bedmaking or getting into/out the bed, be careful not to insert fingers or any body parts in the mounting brackets. It may result in injury.

■ When using restraint belt, attach the restraint belt to the mounting holes below;



8. Angle indicators (Split type only)

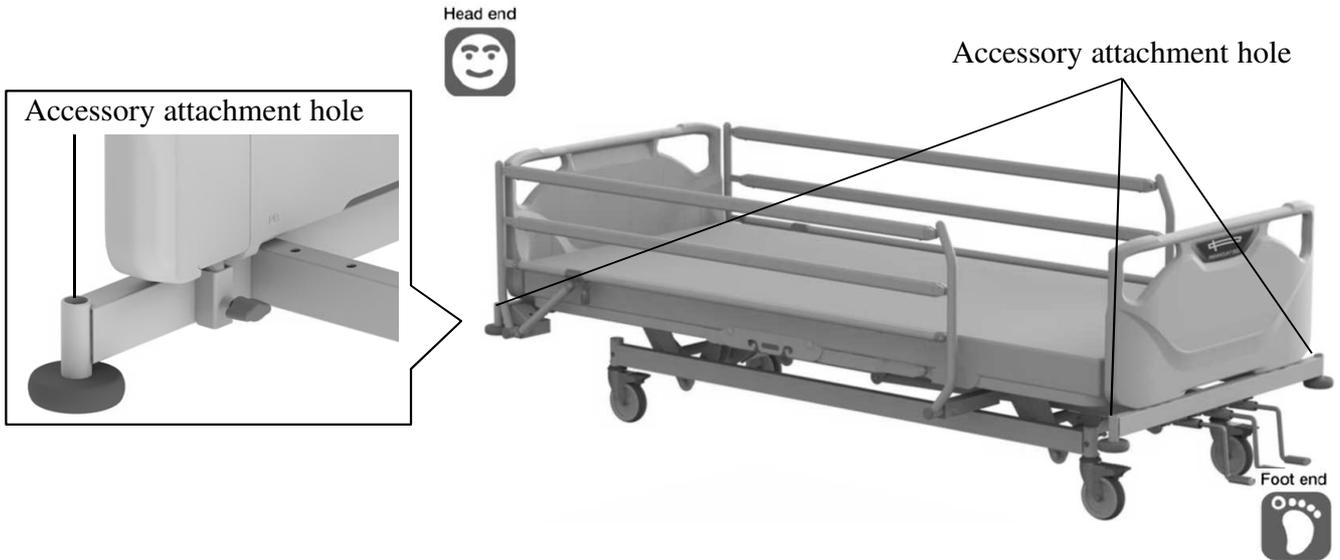


- There are angle indicators for checking back raise angle at the head side of side-rails. Please use only as a guide.

5 OPERATION PROCEDURES

9. Accessory attachment holes

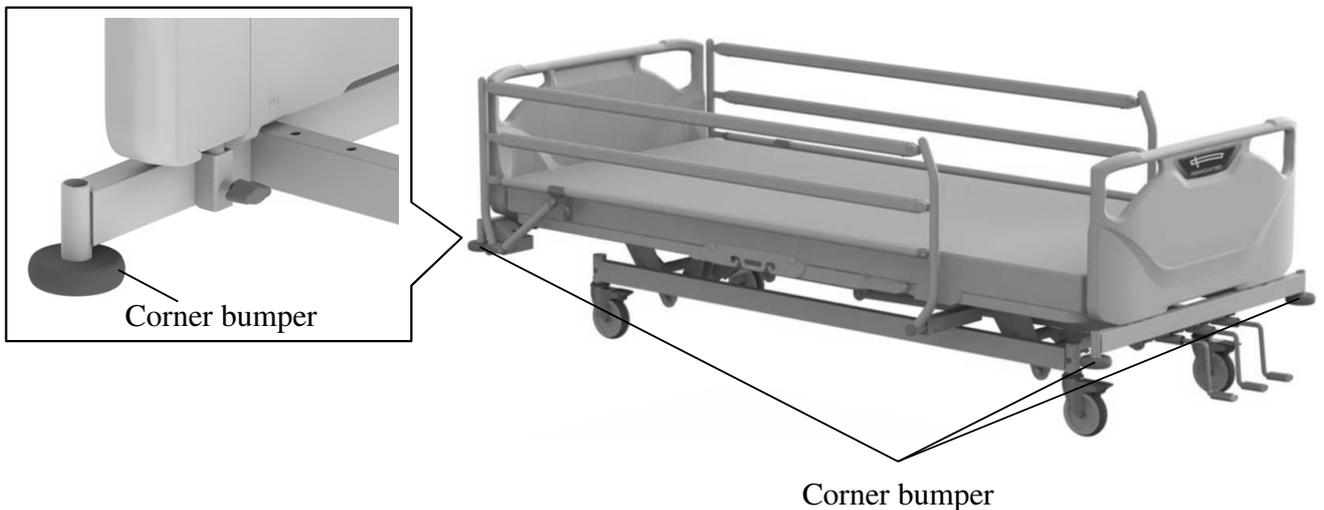
- Accessory attachment holes are at the four corners of the bed. It can be installed IV pole, foot spacer and orthopedic frame attachment.



- During tilt angle adjustment, pay attention the board and accessory attachment holes will become tilted at an angle.

10. Corner bumpers

- Corner bumpers are at the four corners of the bed. If the bed bumps the walls or equipments of the hospital when moving the bed, the corner bumper can reduce the impact of the collision.



6 MATTRESS (OPTIONAL)

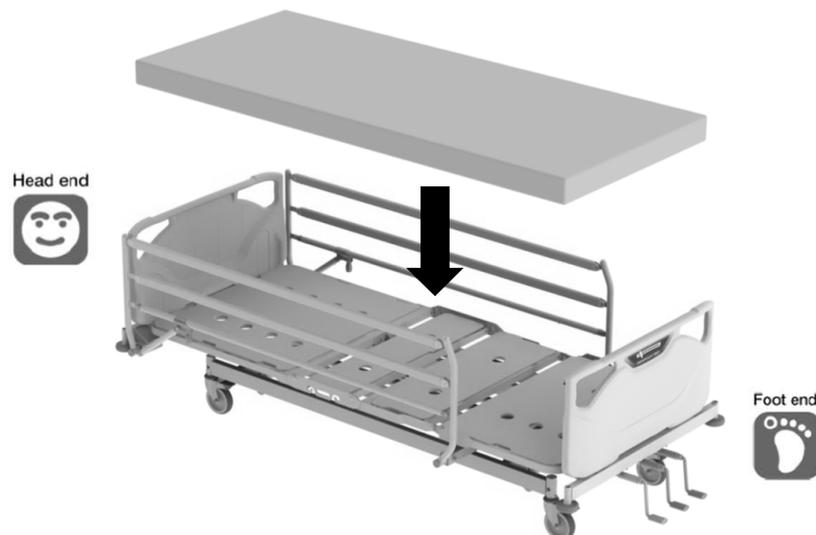
WARNING

- Do not use the bed when the mattress is not placed. The body part (fingers of hands or legs) may get caught in the gap between the mattress bases, in air holes on the mattress base, resulting in injury.
- Be sure to use a mattress of dimensions specified by Paramount Bed, described below. If an unsuitable mattress is used, patients could get caught between the mattress and side rail and get injured. Unsuitable mattresses exert a burden on the bed and may induce a failure.

■ Paramount Bed mattresses with the following dimensions are suitable.

Regular mattress dimension (mm)

Width	Length	Thickness
860	2,000	100 to 150



■ Compatible Mattresses - Paramount Bed.

IE-5221^{*1)} / CE-025341E^{*1)}: 860mm x 2000mm x 100mm

CE-025651E^{*1)} / CE-025671E^{*1)}: 860mm x 2000mm x 150mm

*1) Not available for sale in Europe.



- For more information about mattress specification and any queries, please feel free to contact Paramount Bed or your distributor.

7 SUITABLE PRODUCTS

1. Recommended suitable products table

WARNING

- Use suitable products after confirming that the combination of suitable products correct. Using the bed with the wrong combination of suitable products could result in injury or could damage the products. The part number of each suitable product is written on the safety label and on the carton box.
- Do not use suitable products other than those specified in this instruction manual. This may create unintended gaps or may damage or deform the product, resulting in injury.
- Make sure that there is nothing in the accessory attachment holes, when mounting the suitable products. If there are obstacles in the accessory attachment holes, you cannot mount the suitable products, and the patient may fall off the bed or get caught in the gap, resulting in injury.

IV pole	EC-562 KC-56A^{*1)} / KC-56B^{*1)} IC-56A^{*1)} / IC-56B^{*1)} / IC-56C^{*1)}
Oxygen cylinder holder	CA-A3212E IC-A83^{*1)}
Foot spacer (for split type side-rail only)	CA-A3331E^{*1)}
Foot spacer storage (for split type side-rail only)	CA-A3332E^{*1)}
Orthopedic frame attachment	CA-A343E^{*1)}
Monitor table	CF-051E

*1) Not available for sale in Europe.



- In some countries or regions, some of the medical device or its accessories fall under the category of medical devices. For details, contact Paramount Bed (see p. 38) or your distributor.
- Recommend suitable products may differ due to specification changes or according to product combinations. For any queries, please feel free to contact Paramount Bed or your distributor.

2. IV pole

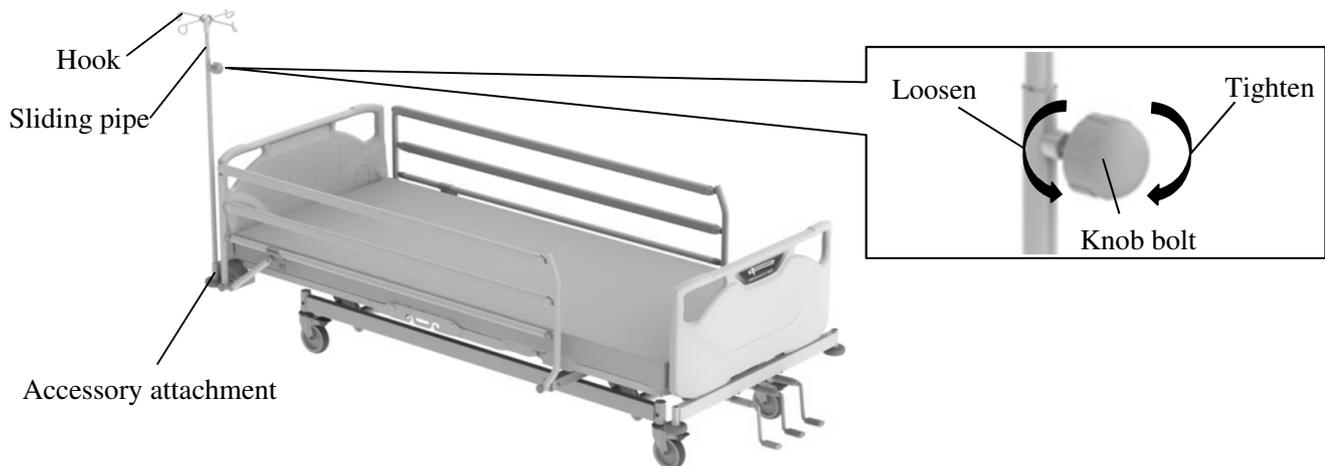
WARNING

- Do not move the bed with holding the IV pole. The IV pole may break, resulting in an injury.
- Do not use the IV pole as a support to stand up. The IV pole may come off or break, causing an injury due to falling down.
- When using the IV pole, do not put a hand or arm between the mattress base or the headboard and the IV pole. The hand or arm may get caught and get injured.
- Each hook's load capacity is 1 kg. Do not hang an article exceeding the load capacity because it may damage the hook, resulting in an injury.
- Length adjustment of the sliding pipe should be kept within 70cm. If the sliding pipe is pulled out too much, it may come off, resulting in an injury or damage.

■ The IV pole is used for hanging intravenous drip bags and similar items.

- ① Insert the IV pole into one of the accessory attachment holes.
- ② Loosen the knob bolt on the IV pole, and then move the sliding pipe up and down to adjust the length.

When the pipe has been adjusted to the desired length, tighten the knob bolt to fasten the pipe.



- For any queries, please feel free to contact Paramount Bed or your distributor.

3. Oxygen cylinder holder

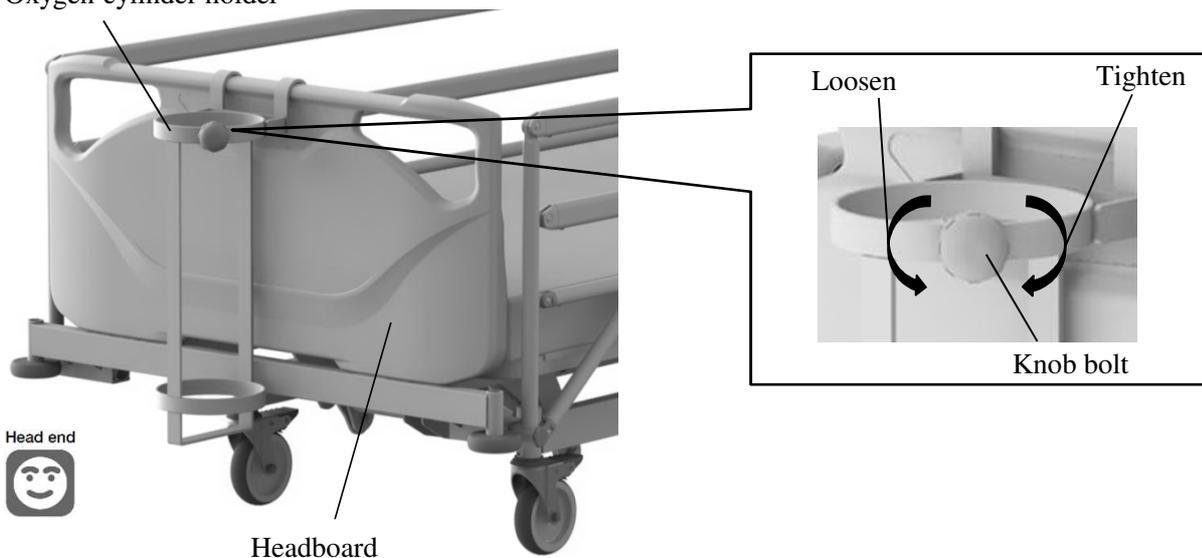
WARNING

- Make sure that the knob bolt is firmly tighten. There is a risk of insufficient oxygen supply.
- When using the oxygen cylinder, take care to prevent it from coming into contact with any objects in the vicinity of the bed. There is a risk of an injury by damage of a flow meter or an oxygen cylinder if the cylinder comes into contact with another object.
- Load capacity is 15kg. Do not insert the oxygen cylinder exceeding the load capacity because it may damage the oxygen cylinder holder, resulting in injury.

■ The oxygen cylinder holder can be used by hanged on the headboard.

- ① Hang the oxygen cylinder holder on the headboard.
- ② Loosen the knob bolt on the oxygen cylinder holder, and then slowly insert the oxygen cylinder into the holder from the top.
- ③ Firmly tighten the knob bolt to fasten the oxygen cylinder.

Oxygen cylinder holder

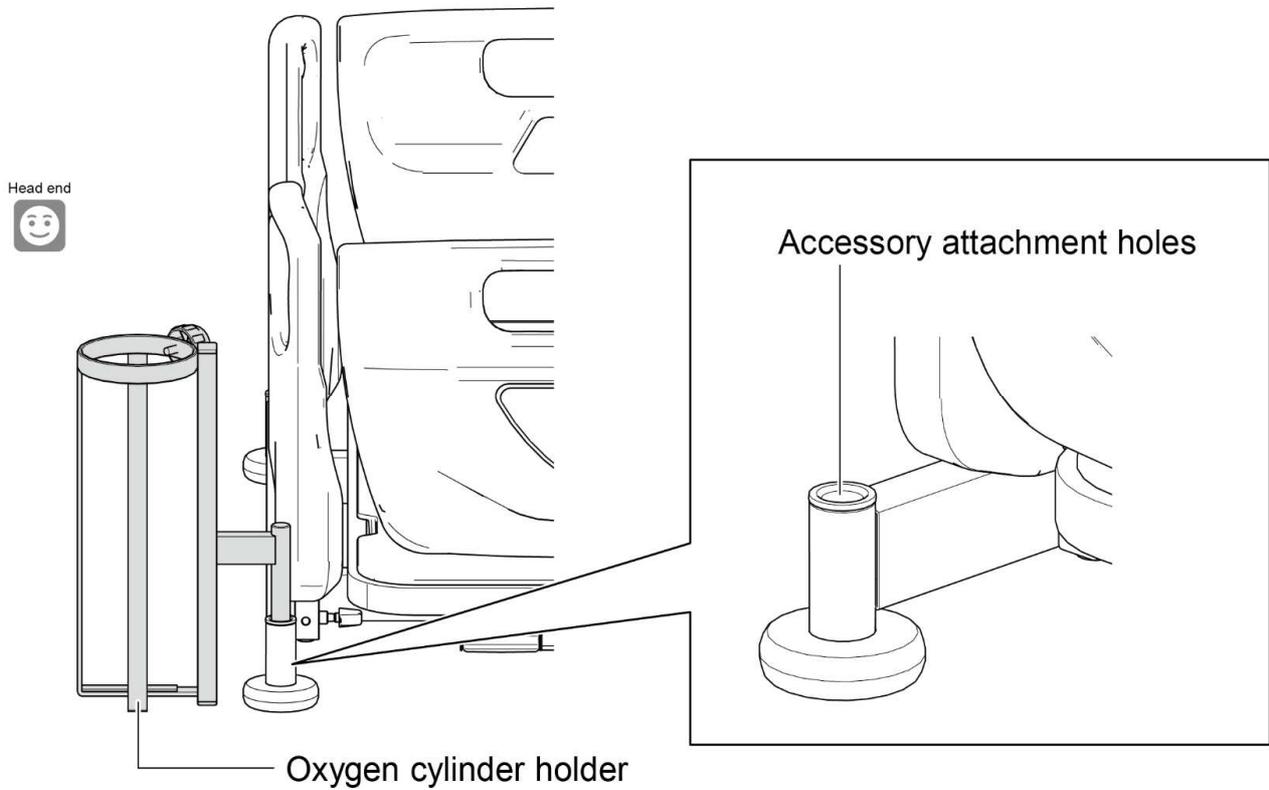


- For any queries, please feel free to contact Paramount Bed or your distributor.

7 SUITABLE PRODUCTS

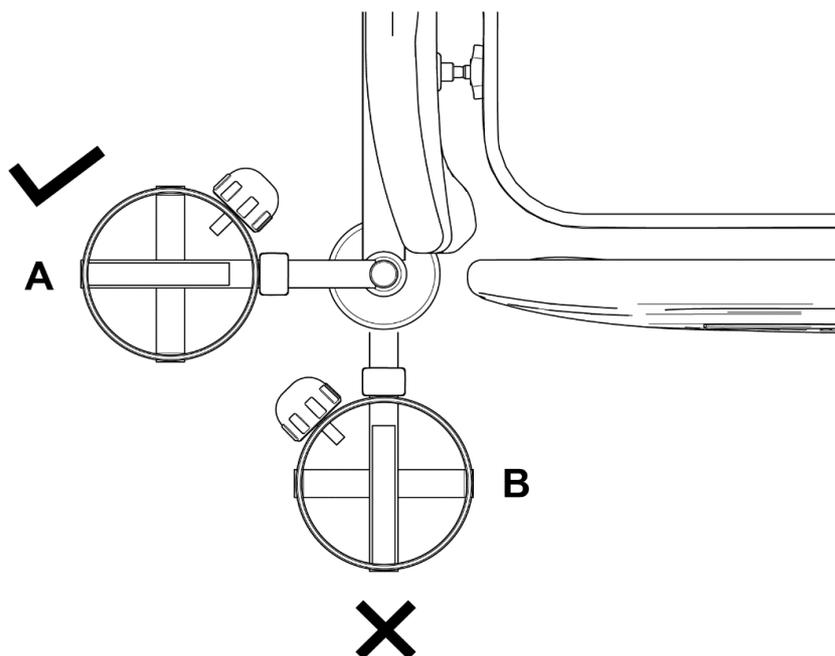
<IC-A83>

① Accessory attachment holes are located at the head end of the bed in a total of 2 locations.



⚠ WARNING

- Use the oxygen cylinder holder at position A in the figure on the left.
- If used in position B, the bed may become unstable and tip over, resulting in injury.



7 SUITABLE PRODUCTS

4. Foot spacer

WARNING

- Do not use the foot spacer as a hand rail and do not lean against it. The foot spacer may move or be deformed and there is a risk of injury caused by the patient falling off the bed or falling down.
- Be careful not to allow any part of the body (especially the head or neck) to enter a gap between the foot spacer and the side-rail or the footboard.

■ The foot spacer can be used for filling in the gap between the footboard and the side-rail.

Insert the foot spacer into the option attachment hole.

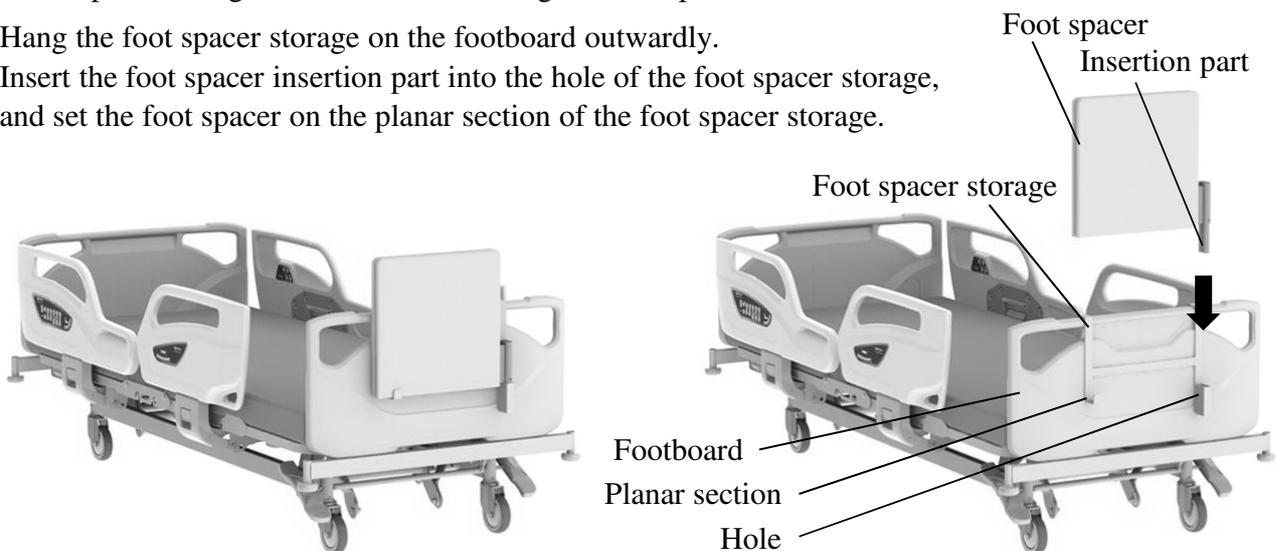


- When using the extension frame function, the foot spacer cannot be used.
- For any queries, please feel free to contact Paramount Bed or your distributor.

5. Foot spacer storage

■ The foot spacer storage can be used for storing the foot spacers.

- ① Hang the foot spacer storage on the footboard outwardly.
- ② Insert the foot spacer insertion part into the hole of the foot spacer storage, and set the foot spacer on the planar section of the foot spacer storage.

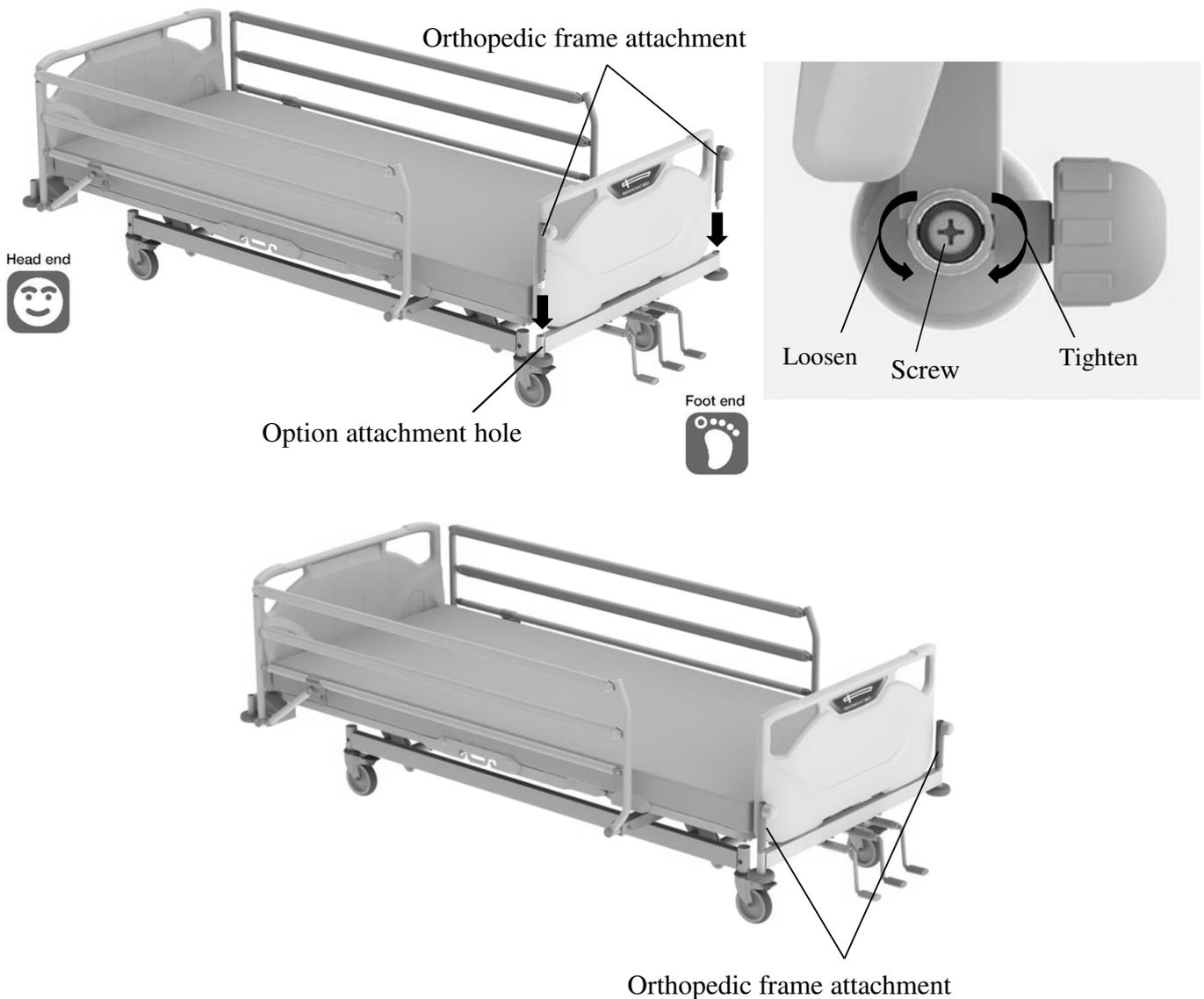


- When using the foot spacer storage, the bed linen rack cannot be used.
- For any queries, please feel free to contact Paramount Bed or your distributor.

6. Orthopedic frame attachment

■ The orthopedic frame attachment can be used for attaching the orthopedic frame (KA-86).

- ① Insert the orthopedic frame attachment into the option attachment hole on the foot side of the bed.
- ② Insert a screwdriver into the orthopedic frame and tighten the screw.
- ③ Lightly pull up the orthopedic frame and check that it is attached firmly.



● For any queries, please feel free to contact Paramount Bed or your distributor.

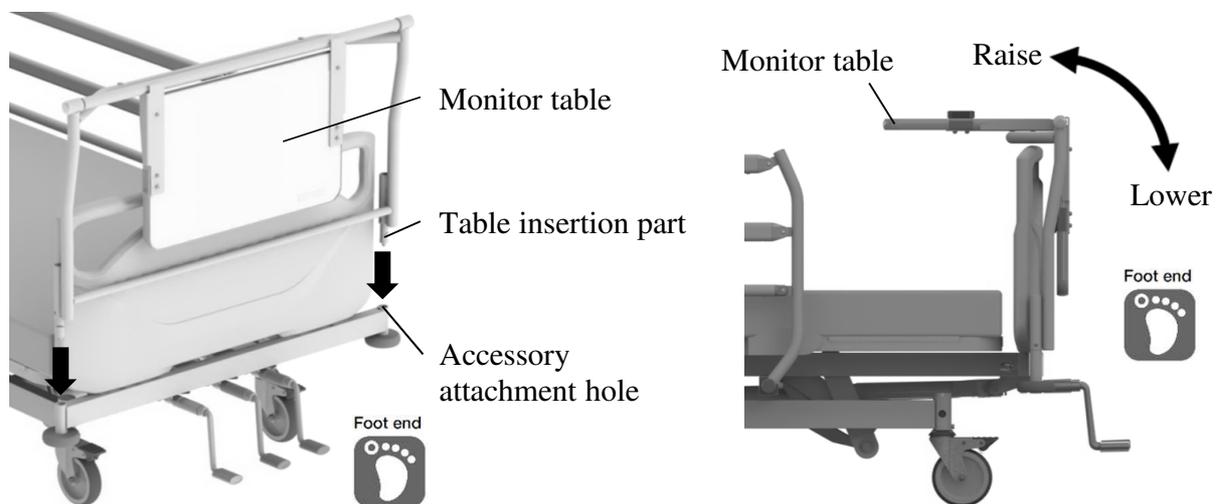
7. Monitor table

CAUTION

- When moving the bed, remove any object on the monitor table to prevent the object from falling off.
- Firmly tighten the clamping screws, or the monitor table may accidentally be detached, resulting in injury.
- The maximum load capacity of the monitor table is 20kg. Overloading may damage or deform the monitor table.
- Do not place objects that are hotter than 80°C on the monitor table. This may cause damage or discoloration.
- Do not leave any water or chemicals spills on the monitor table. This may result in damage to the monitor table.
- When lowering the table, take care to prevent the fingers from becoming caught in the gap between the table and the frame.

■ The monitor table can be used for setting a monitor or writing on the table.

- ① Insert the table insertion part into the accessory attachment holes on foot end of the bed.
- ② Insert a screwdriver into the IV pole attachment hole and tighten the screw.
- ③ Lightly pull up the monitor table and check that it is attached firmly.
- ④ When using the monitor table, rotate the table upward to the horizontal position.
- ⑤ When storing the monitor table, rotate the table downward to the vertical position.



- For any queries, please feel free to contact Paramount Bed or your distributor.

8 PERIPHERAL EQUIPMENT

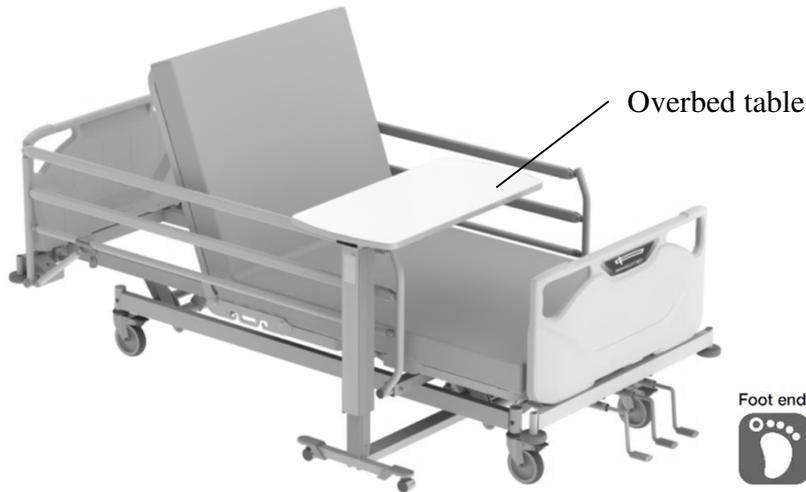
Overbed table

WARNING

- Remove the table from bed when performing positioning operations of the bed. Otherwise, the patient may get caught between the table and bed, and may get injured.

- The overbed table is designed as a table that can support patient to have a meal and work on light duty on the bed.

Head end

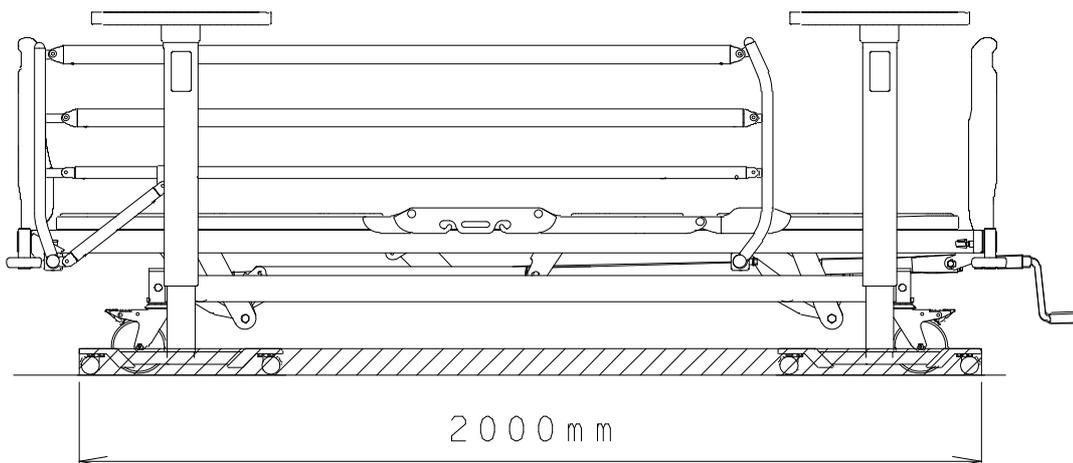


Foot end



CAUTION

- The overbed table can be used in the area as shown in figure. When setting the overbed table, pay attention not to hit the caster of the bed because it may damage or deform.



Note: The overbed table can be used within this range.



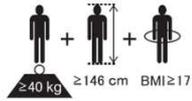
- For any queries, please feel free to contact Paramount Bed or your distributor.

NOTE!

9 PRODUCT SYMBOL DEFINITIONS

■ The symbols below are used for the product.

Symbol	Description
	● CE mark
	● Indoor use symbol
	● Refer to the instruction manual
	● See the instruction manual
	● Manufacturer *It may be called "Legal Manufacturer" or "Brand Owner" etc. *This symbols is not applicable in the country of origin.
	● Country of manufacture (Made in Indonesia) ● Manufacturing site *In the country of origin, the site acts as the manufacturer. ● Date of manufacture (YYYY-MM-DD)
	● Safe working load
	● Serial number
	● Lot number
	● Medical device (This product is a medical device in Europe, and may be a medical device in some countries and regions depending on their regulations.)

Symbol	Description
	● Maximum patient weight
	● Sum of the safe working load and the product weight
	● The medical bed for adults ≥40 kg ≥146 cm BMI≥17
	● Do not operate the bed while the patient's body is sticking out of the gap.
	● Do not stand on the side-rail.
	● Take care to prevent the patient's head from getting caught in the gap between the side-rails and the bed.
	● Take care to prevent body part from getting caught in the moving part on the bed.
	● Do not attach the board in the wrong way.
	● Use the suitable mattress described in the instruction manual.
	● Model number
	● Authorised representative in the european community * Either of the symbols is used.
	● Unique Device Identifier This is a 2D Code (GS1Datamatrix) that encodes the UDI(Unique Device Identifier) required by the Unique Device Identification System designed to adequately Identify devices through distribution and use.

10 REGULAR INSPECTION AND DAILY MAINTENANCE

- For safety in use, inspect the product regularly, at least once a year. The product exhibits wear and deterioration according to the frequency and conditions of use. Inspect for loose parts, the operation of moving parts on the bed, and the presence of damage regularly. When an irregularity has been noticed or when a detailed inspection is desired, contact Paramount Bed or your distributor.

	Operation details	Inspection items
Bed Unit	Back raise operation (p.14 to p.15)	Proper operation can be achieved.
		There must not be any strange noises.
	Knee raise operation (p.14 to p.15)	Proper operation can be achieved.
		There must not be any strange noises.
Height adjustment (p.14 to p.15)	Proper operation can be achieved.	
Miscellaneous		There must not be any scratches and deformation at the mattress base, frame, or any other parts.
		There must not be any deformation, damage, or detachment of bumpers, resin parts or elastic parts.
		There must not be any peeling of labels, and the text must be legible.
Board	Board mounting condition (p.13)	The board stopper must be locked properly.
		There must not be any remarkable rattling.
Casters	Traveling	There must not be any strange noises when the bed is traveling.
		There must not be any strange vibrations when the bed is traveling.
	Caster locking operation (p.16)	Proper operation can be achieved.
		The operation must not be unusually difficult.
Bed side-rail	Bed side-rail operation (p.17 to p.19)	The bed must not move when the casters are locked.
		The bed must move smoothly when the lock is released.
		Proper operation can be achieved.
		There must not be any strange noises or remarkable rattling.
		The operation must not be unusually difficult.

■ Lubrication (if there is abnormal noise)

- Lubrication is needed if there is abnormal noise. Please feel free to contact Paramount Bed or your distributor to be lubricated.



- The water adhesion to the bed or the mattress, or moisture may cause corrosion, abnormal noise or contamination. If water adhere to the bed or the mattress, wipe off immediately.

■ Bed unit

- To clean the bed, use a cloth that has been soaked in diluted detergent and wrung out well, then wipe off any residual detergent with a cloth soaked in water and wrung out well. Finally, use a dry cloth to wipe the bed to ensure it is dry.

- Always dilute any detergents used as specified below.

76.9% - 81.4% ethanol for disinfection

0.05% - 0.2% benzalkonium chloride (e.g. Osvan)

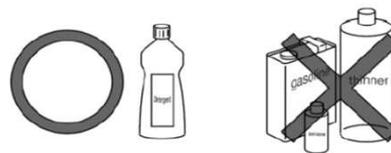
0.05% - 0.2% benzethonium chloride (e.g. Hiamine)

0.05% chlorhexidine gluconate (e.g. Hibitane)

0.02% - 1.0% sodium hypochlorite (e.g. Milton)

CAUTION

- Do not use volatile cleaning fluids (such as paint thinner, benzene or gasoline) and cresol. Discoloration or deterioration could result.



- The product cannot be used with an ozone sterilizer or an autoclave sterilizer, etc.

■ Accessories

- Follow the instructions described in the instruction manual for the respective accessory.

11 TROUBLESHOOTING

- Problems may not always indicate faults. Check the following once again before requesting repair.
- If the problem persists after taking corrective actions, stop using the bed immediately and contact Paramount Bed or your distributor for repair.
- Bed damaged in earthquakes, fires, floods or other incidents must be inspected and repaired by Paramount Bed or your distributor. Otherwise, there is a risk of injury due to malfunctioning caused by deformation of the bed.

Problem	Check	Corrective action	Reference page
● The bed cannot be positioned correctly.	● Check if there is nothing in the moving parts on the bed.	● Remove any obstacles.	-
● The bed cannot be moved.	● Check if the casters are locked.	● Unlock the caster.	16
● The board will not come off.	● Check if the board is locked.	● Unlock the board stoppers.	13

- When requesting repairs or contacting Paramount Bed or your distributor, please provide the number on the product ID label.

■ Product ID label locations

Product ID labels are affixed to the foot end of the main frame and on the inside of the footboard.

<Main frame>



Product ID Label

<Footboard>



Product ID Label

■ Product lifetime

The lifetime of this equipment is typically eight (8) years. Lifetime is defined as the period during which the product will maintain the specified performance and safety, provided it has been maintained and operated in conditions of normal use in accordance with the requirements in this instruction

12 LONG-TERM STORAGE

■ The following precautions should be noted when the bed is not in use for extended periods of time.

1. Lay the back and knee section bases flat.
2. Lower the bed to the lowest position.
3. Do not place objects other than mattress on the bed.
4. Do not place any objects on the mattress.
5. Do not place location that tend to be exposed to high temperatures, high humidity, low temperatures, dry or dusty conditions.
Store at a temperature between -10°C and 50°C , humidity between 20%RH and 90%RH at 30°C , and atmospheric pressure between 700hPa and 1060hPa.
6. Store the bed horizontally; do not stand it upright against wall.



● Inspect the product regularly at least once a year, even if it is during storage.

Bed disposal

When the Paramount Bed A5 series bed has reached the end of its usable life, discard it according to local standards.

13 SPECIFICATIONS

*Subject to normal manufacturing tolerances

Family Name		A5 Series Bed		
Product Name		Manual Hospital Bed		
Model No.		IA-57380	IA-58380	IA-59380
Operation Procedure	Back raise	Manual		
	Knee raise	-	Manual	
	Hi-lo adjustment	-	Manual	
Dimensions	Total length	2,200mm		
	Total width	990mm		
	Total height	955[+20, -10]mm (with caster) 885[+20, -10]mm (with leg cap)	755[+20, -10] to 1,105[+20, -10]mm	
	Mattress base length	2,000mm		
	Mattress base width	860mm		
	Mattress base height	550[+20, -10]mm (with caster) 480[+20, -10]mm (with leg cap)	350[+20, -10] to 700[+20, -10]mm	
Product weight		83kg	85kg	100kg
Material	Mattress base	PE resin mold items / Made of steel, electrodeposited and powder coating		
	Main frame	Made of steel, electrodeposited and powder coating (part is resin mold item)		
	Side-rail	Split type: PE resin mold items / Collapsible type: Made of steel, electrodeposited and powder coating		
	Headboard / Footboard	PE resin mold items		
Safe working load (*1)		180kgf (1,760N)		
Angle of the back section base		0° to 70°[+3, -7]°		
Angle of the knee section base		0° to 25°[±4]°		
Bed height range		-	350mm	
Patient target group	User weight (min.-max.)	40 to 135 kg		
	Minimum user height	146 cm		
	Minimum user body mass index (BMI)	17		
	Supported age range	13 years and older		
Intended users		Medical professionals (Doctors, nurses, etc.), patients, close relatives of patients, and maintenance staff		

*1) Safe working load: Maximum load with which the bed can be operated. (The total load of user's weight and incidental items including accessories.)

Environmental conditions	Range	
	When transported or stored	When in use
Temperature	-10 to 50°C	5 to 40°C
Humidity	20 to 90%RH at 30°C	20 to 90%RH at 30°C
Air pressure	700 to 1,060hPa	700 to 1,060hPa

● Essential performance

Function to support the body of patient.

● Frequently used functions

Back-raising, Knee-raising, Height adjustment and Side-rail raising and lowering operation.

● Clinical benefits

• Patient comfort

• Quality Patient Care and efficient care provision

● Classification and Standards

The manual hospital bed is designed and manufactured according to the following equipment classification and standards.

• Classification as medical device in Europe : Class 1

• Safety standards applied : IEC 60601-1:2005+AMD1:2012+AMD2:2020
: IEC 60601-2-52:2009+AMD1:2015 for use with IEC 60601-1:2005
: EN 60601-1:2006+A1:2013+A2:2021
: EN60601-2-52:2010+A1:2015

• Application environment (in IEC60601-2-52:2009, AMD1:2015) : 3 and 5 (long-term care and outpatient (ambulatory) care)

※ Equipment not suitable for use in the presence of a flammable anaesthetic mixture.

14 AFTER-SALES SERVICE

1. When requesting repairs

First check the items described in “11. TROUBLESHOOTING” (p.34) in this instruction manual. If the problem persists, contact Paramount Bed or your distributor.

■ Details necessary when requesting repair

- Product name, model number
- Product ID label number (see p.35)
- Date of purchase
- Details of fault or problem (please provide as much detail as possible)
- Your name, organization, address, and phone number

■ Consumable parts

Mattress, casters, the rubber parts are consumable parts.

2. Minimum stock availability period

Paramount Bed keeps replacement parts (necessary to maintain bed performance) in stock for at least 8 years after the discontinuation of production.

3. Questions regarding after-sales service

For any queries, please feel free to contact your distributor or to the following address.
Website: <https://www.paramount.co.jp/english/>



[Location in Japan (Manufacturer)]	[Location in India (Manufacturing premises)]
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