

INSTRUCTIONS FOR USE

Bolero



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Foreword

Thank you for choosing Arjo equipment.

This Instructions for Use (IFU) applies to both product with scale and without scale.

Customer contact information

For questions regarding this product or other Arjo products and services, contact Arjo, an Arjo authorised representative or visit www.arjo.com.

Before using the product

The information in this Instructions For Use (IFU) is important for your safety. You must read and fully understand this IFU before using the product to help prevent potential injury. The information in this IFU is necessary for the proper and safe operation of the product.

Unauthorised modifications on any Arjo product can affect its safety and performance. Arjo will not be held responsible for any accidents or incidents resulting from such modifications to its products.

Service and support

It is necessary to perform routine maintenance to maintain the safety and reliability of the product. See the Care and preventive maintenance section for more information. Contact your local Arjo representative for spare parts.

Serious incident

If a serious incident occurs in relation to this medical device, affecting the user, or the patient, then the user or patient should report the serious incident to the medical device manufacturer or the distributor. In the European Union, the user should also report the serious incident to the Competent Authority in the member state where they are located.

Definitions in this IFU



WARNING

Warning means: Safety warning. Failure to understand and obey this warning may result in injury to you or others.

CAUTION

Caution means: Failure to follow these instructions may cause damage to all or parts of the system or product.

NOTE

Note means: This is important information for the correct use of this system or product.

Pre-sale information

GENERAL	
Intended use, the intended user group and the intended environment; including any contraindications	See Intended use on page 6
Expected lifetime of the product	See Intended use on page 6
Maximum user mass	136 kg (300 lb)
Minimum user mass	Not applicable
Maximum load	136 kg (300 lb)
Operating forces of controls	2.7 N for push buttons 20 N for emergency stop 105 N for brakes 70 N for levers
Accessories	See Parts and accessories on page 40
Detachable parts	For head support/foot support, see Adjustment of stretcher length on page 12 See Mattresses on page 12 See Safety belts on page 16
Compatible products	See Allowed combinations on page 31
The A-weighted sound power level	62 dB(A)
Name and address of the manufacturer	See back page

DIMENSIONS	
Product weight (max)	69 kg (151 lb) for hydraulic 78 kg (171 lb) for electric
Detachable parts above 10 kg (22 lb)	None
Turning circle	See Dimensions on page 33
Overall	See Dimensions on page 33

Intended use

This equipment is intended for lifting and transferring adult residents to and from a bathroom in a care facility and to be used in an assisted bathing process.

Bolero must be used by appropriately trained caregivers with adequate knowledge of the care environment, its common practices and procedures, and in accordance with the guidelines in the IFU.

The bath trolley should only be used for the purpose specified in this Instructions for Use. Any other use is prohibited.

Resident assessment

We recommend that facilities establish regular assessment routines.

Caregivers should assess each resident according to the following criteria prior to use:

- The resident's weight should not exceed 136 kg (300 lb).
- The resident must be able to understand and respond to instructions to remain in a safe laying position on the stretcher or remain in such a position as a result of a limited physical capacity for movement.

If a resident does not meet these criteria an alternative equipment or system shall be used.

Expected service life

The expected service life of Bolero is the maximum period of useful life.

The lifetime of this equipment is ten (10) years and the service life of the safety belt is two (2) years. Depending on the storage of the battery, the use frequency and the charging intervals, the service life for the battery is 2-5 years.

The lifetime and service life are stated providing that the preventative maintenance are being carried out in accordance with the instructions for care and maintenance in this IFU.

Depending on level of wear some equipment such as castors and hand control may need to be replaced during the equipment lifetime according to information in this IFU.

Safety instructions



WARNING

To prevent injury, always read this Instructions for use and accompanied documents before using the product.



WARNING

To prevent entrapment, make sure to keep the patient's hair, arms and feet close to the body and use designated grab supports during any movement.



WARNING

To prevent injury, make sure that the patient is not left unattended at any time.



WARNING

To prevent entrapment, make sure the path of movement is free from obstacles.



WARNING

To prevent falling, make sure that the patient is positioned in accordance with this IFU.



WARNING

To prevent explosion or fire, never use the product in oxygen-rich environment, in presence of heat source or flammable anaesthetic gases.



WARNING

To prevent the product from tipping and the patient from falling, do not use the product on floor with recessed drains, holes or slopes exceeding a ratio of 1:50 (1.15°).



WARNING

To prevent falling, make sure that the patient is positioned correctly and that the safety belt is being used, properly fastened and tightened.



WARNING

To prevent the patient from falling, make sure the safety belts are undamaged. If damaged, do not use the safety belts, replace with new ones before use.



WARNING

To prevent falling during transfer, always make sure that the brakes are applied on all equipment being used.



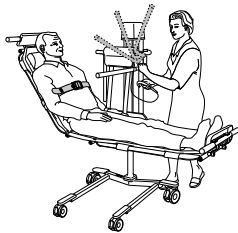
WARNING

To prevent falling, make sure that the user weight is lower than the safe working load (SWL) for all products or accessories being used.

Continued on next page

NOTE

When positioning the Bolero bath trolley, do not stay in the direction of the movement of the hand rest. An unexpected movement upwards, done by the patient, can injure the caregiver. See illustration.

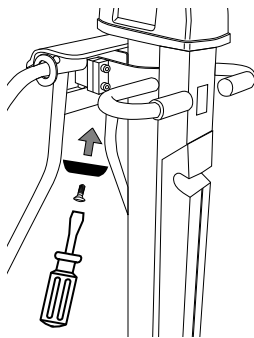


Preparations

Actions before the first use

(9 steps)

1. Check the package for damage. If the package looks damaged, contact the transport agency. Do NOT use the product.
2. Recycle the packaging according to local regulations.
3. Check that all parts are in place. Compare with Parts designation in this IFU. If any part is missing or damaged - do NOT use the product.
4. Prepare an area that is dry, with good ventilation and out of direct sunlight for storage of the product.
5. Unpack the battery charger and install it according to the battery charger IFU.
6. Charge each battery for 24 h.
7. Disinfect the product according to section Cleaning and disinfection on page 23 in this IFU.
8. **Mounting of the enclosed spacer:** The spacer that is mounted on the Bolero bath trolley when delivered, is adapted to the depth of Arjo bathtubs. **For deeper baths only:** To get a deeper immersion, remove one of the two mounted spacers on the Bolero bath trolley. Be careful not to damage the surface of the bathtub.



9. Store the IFU in a designated area where it is easily accessible at all times.

Actions before every use

(3 steps)

1. Check that all parts are in place. Compare with Parts designation in this IFU. If any part is missing or damaged - do NOT use the product.

2.



WARNING

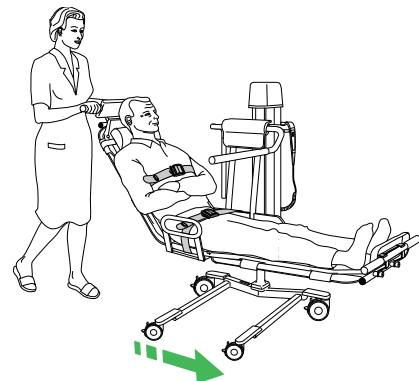
To prevent cross-contamination, always follow the cleaning and disinfection instructions in this IFU.

Clean and disinfect the product.

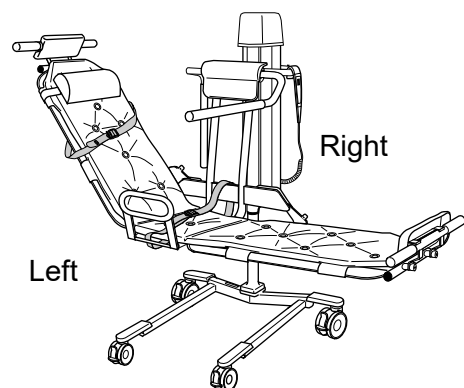
3. Make sure the battery is charged.

Bolero bath trolley directions

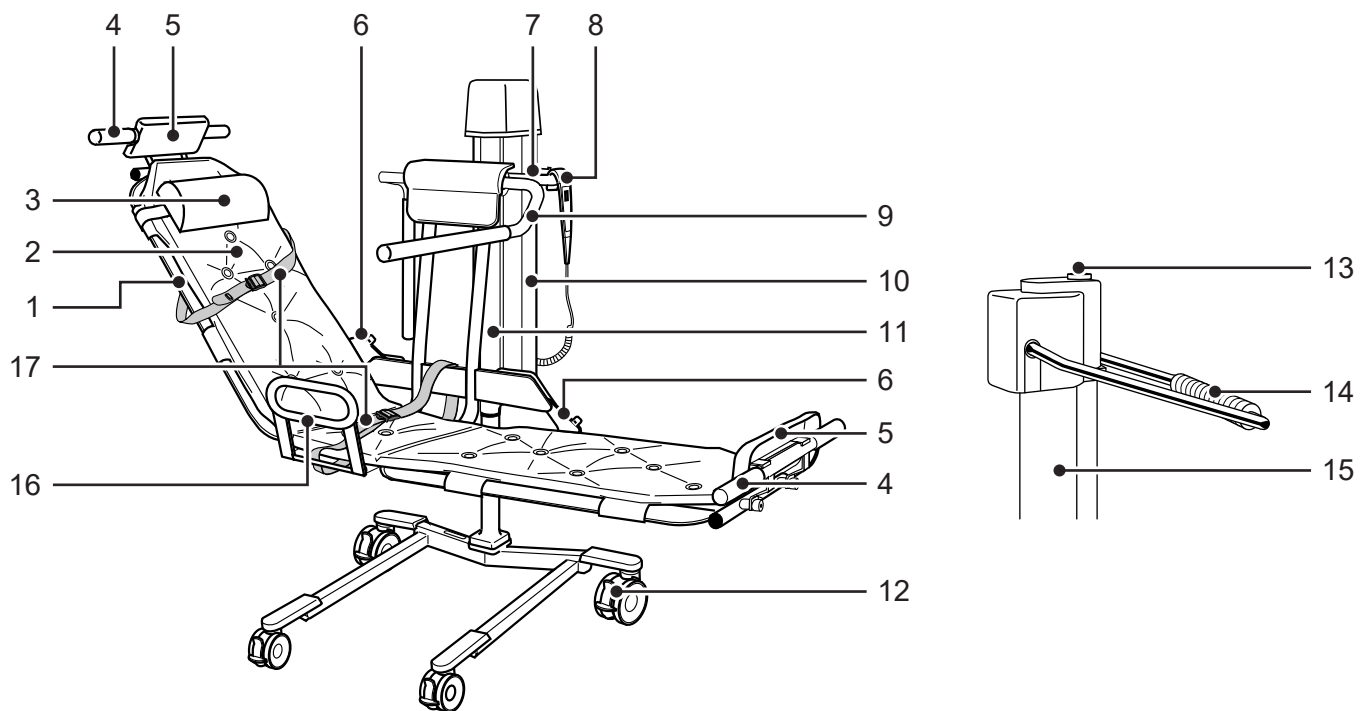
The bath trolley should be moved in the correct direction, i.e. along the stretcher, during patient transfer.



The directions right or left in this IFU are given as below.



Parts designation



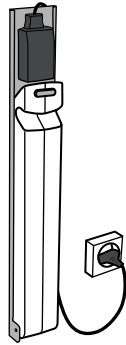
- | | |
|--------------------------------|---------------------------------------|
| 1. 3-part stretcher and frame | 9. Handle bar |
| 2. 3-part mattress | 10. Battery (Electrical) |
| 3. Pillow | 11. Pillar (Electrical) |
| 4. Transfer handle | 12. Castor brake (all four castors) |
| 5. Footrest | 13. Lowering button (Hydraulic) |
| 6. Locking device for backrest | 14. Hand pump for raising (Hydraulic) |
| 7. Manoeuvring handle | 15. Pillar (Hydraulic) |
| 8. Hand control (Electrical) | 16. Side Support (Accessory) |
| | 17. Safety belts |

Product description/functions

Battery charger

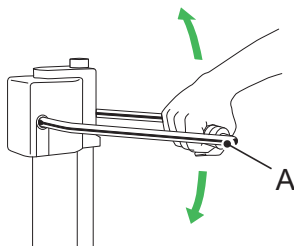
For information on how to install and use the battery charger, see separate battery charger IFU.

Fix the battery charger to a suitable wall and connect it to a grounded wall socket.

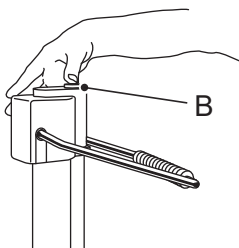


Manual raising and lowering

- The stretcher is raised by using the hand pump (A). Pump evenly, using the full range of movement.



- The stretcher is lowered by pressing the lowering button (B).

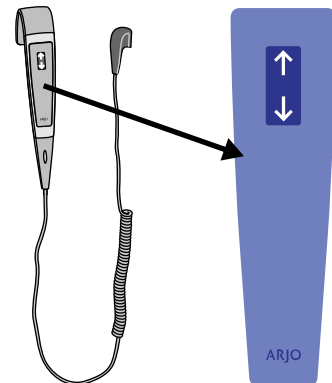


Electric raising and lowering

Unhook the hand control from its holder.

- To raise the bath trolley, press the “up” arrow on the hand control.

- To lower the bath trolley, press the “down” arrow.



Backrest and leg support

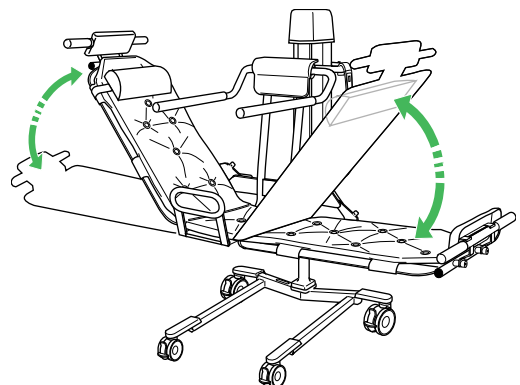


WARNING

To prevent entrapment, make sure to keep the patient's hair, arms and feet close to the body and use designated grab supports during any movement.

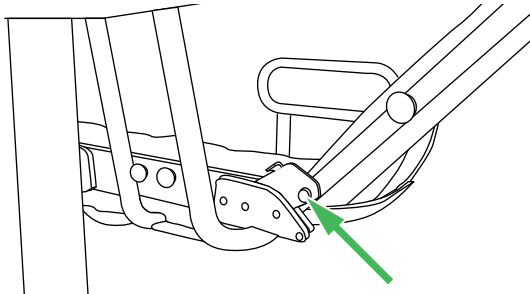
The bath trolley is symmetrical so that either end can be used as the backrest, depending on the orientation of the patient's bed.

- To change the orientation of the trolley, move the pillow to the other end.
- Release one of the catches and raise the side selected as backrest to the desired angle.



Continued on next page

3. Make sure the backrest is secure by checking that the backrest retainer mechanism is in place.



Handlebars

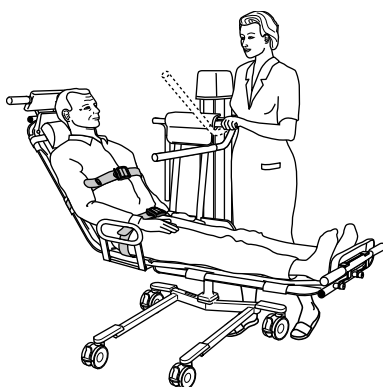


WARNING

To prevent entrapment, make sure to keep the patient's hair, arms and feet close to the body and use designated grab supports during any movement.

The bath trolley has two foldable handle bars as standard equipment.

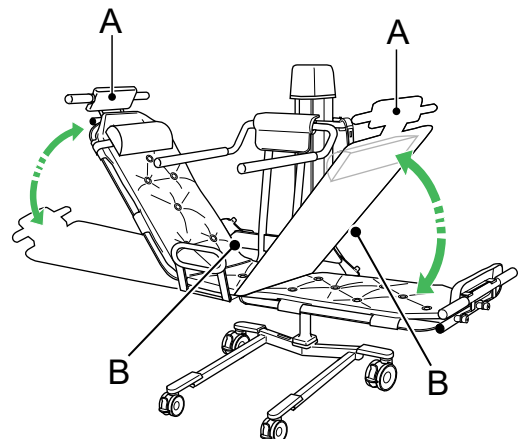
During transfer and bath, lower the handle bar that is placed at the longest distance from the patient's waist.



Storage

When not used, store the bath trolley with the backrest and footrest in their upper positions.

1. Raise the backrest and footrest (A).

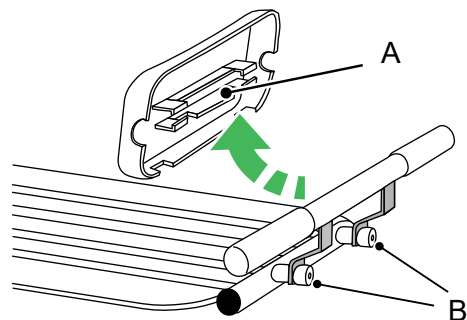


2. Check that the catches (B) are in place and that the rests are locked.

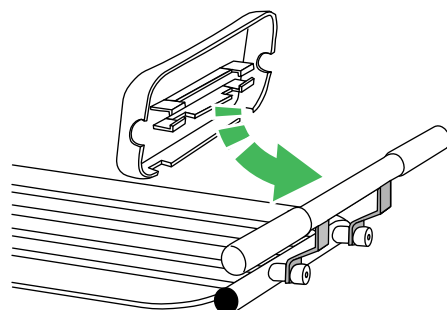
Adjustment of stretcher length

To shorten the stretcher:

1. Undo the head/foot support (A) and the screws (B).



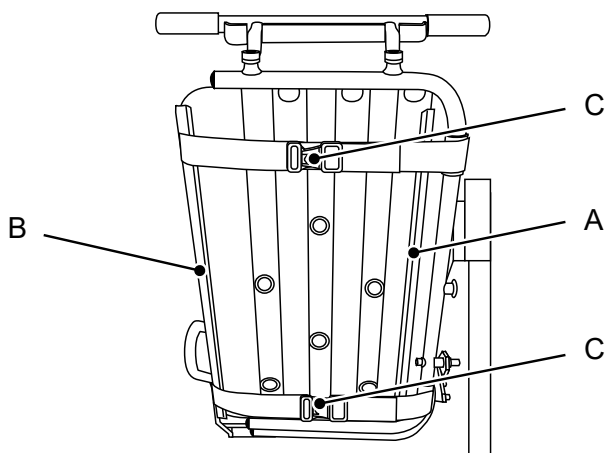
2. Turn the support(s) 180°.
3. Fasten the head/foot support and the screws.



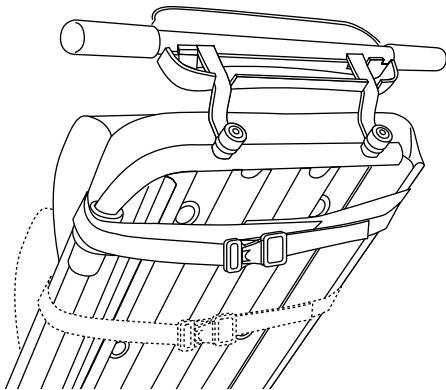
Mattresses

Always start from the edge of the side strip to attach/detach the mattress.

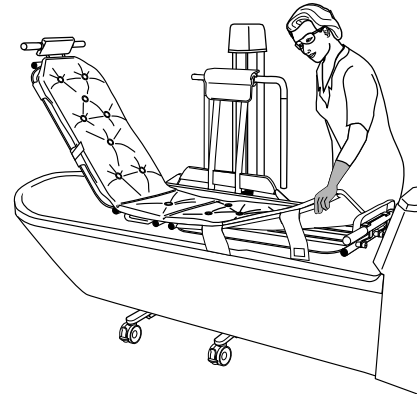
- **Attach:** Snap the edge of the side strip around the stretcher. Press and drag the palm along the side strip to fasten.
- **Middle part:** Snap the side strip adjacent to the pillar round the stretcher. Stretch the mattress and snap the other side strip around to the other side of the stretcher.
- First attach the side strip of the mattress round the side of the stretcher adjacent to the hydraulic pillar (A). Stretch the mattress and fasten the other side strip (B).



- Fix the mattress in place with the quick grips (C).
- Fasten the pillow with the quick grips.

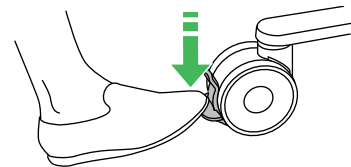


Detach: Undo the edge of the side strip. Pull and drag along the side strip to detach the mattress.

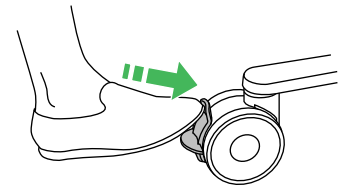


Brakes

- The castors will brake by pressing down the castor brake lever with your foot.

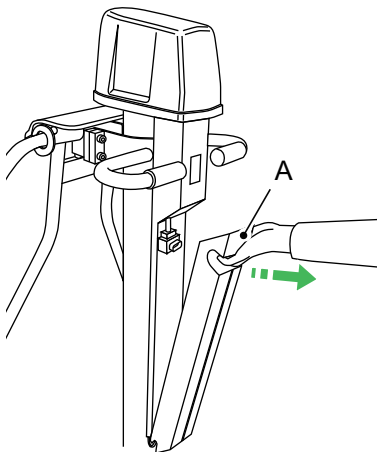


- The castors are released by pushing up the castor brake lever.



Emergency stop

If, for any reason, the bath trolley does not respond to the control buttons, you can quickly stop the movement by pressing the battery release button (A) and pulling out the battery.

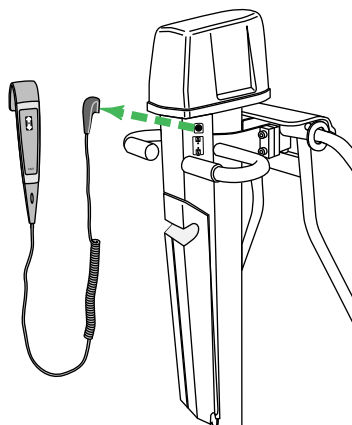


Contact your local Arjo representative before using the bath trolley again.

Emergency high/low (2 steps)

If, for any reason, the bath trolley does not respond to the control buttons, raise or lower the bath trolley using the emergency high/low function.

1. Unplug the hand control.

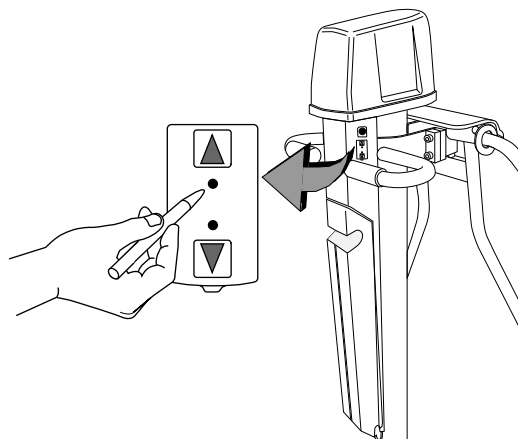


2.

CAUTION

To prevent damage to the emergency high/low function, do not use an object with a sharp tip when pressing into the holes.

Press a blunt, thin object (for example a pen) into one of the holes in the panel.



- Press it into the hole next to the "up arrow" in order to raise the bath trolley.
- Press it into the hole next to the "down arrow" in order to lower the bath trolley.

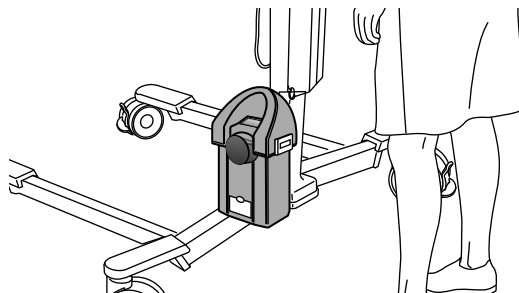
NOTE

A continuous beeping sound is heard during the emergency "up" and "down" movement.

Contact your local Arjo representative before using the bath trolley again.

Scale (optional)

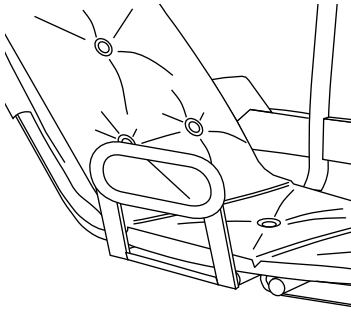
The scale is situated on the chassis. See the scale IFU.



Side support (accessory)

The bath trolley can be equipped with a foldable side support. To facilitate the usage of the side support, the hook and loop straps on the middle part of the mattress have to be cut.

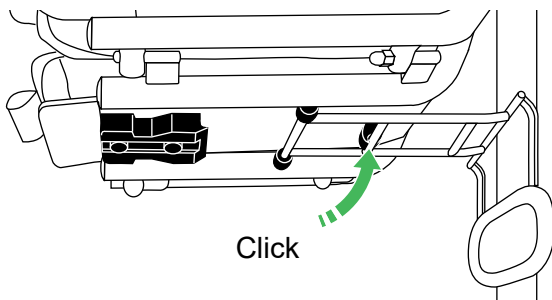
When used, the side support is in its locked position directly opposite the pillar.



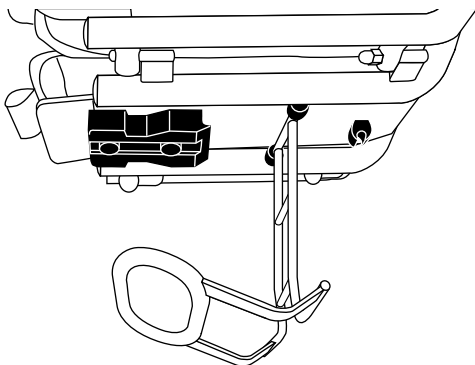
When not used, the side support is attached to the bracket below the stretcher.

To use the side support (4 steps)

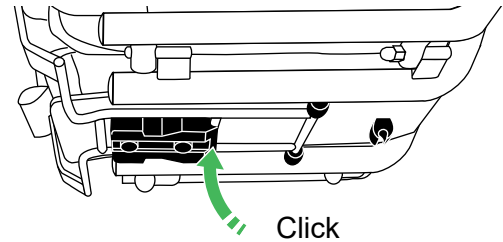
1. Release the side support from its locked position.



2. Fold the side support below the stretcher.



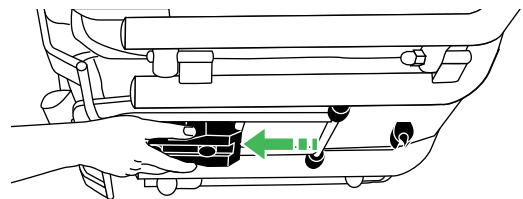
3. Fasten the side support on the other side of the bath trolley by firmly pushing it into the holder.



4. Always make sure the side support is securely attached.

To fold back the side support (3 steps)

1. Grip the side support with one hand. With the other hand: Release the side support from its locked position by pulling the holder towards you.



2. Fold the side support back below the stretcher and attach it to the bracket on the other side of the stretcher.
3. Always make sure the side support is securely attached.

Safety belts

Use the safety belt at all times.



WARNING

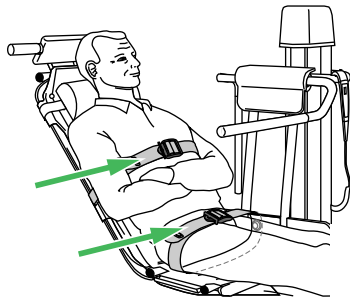
To prevent the patient from falling, make sure the safety belts are undamaged. If damaged, do not use the safety belts, replace with new ones before use.



WARNING

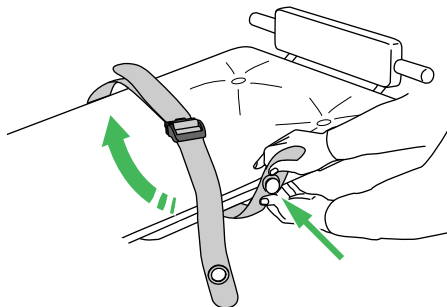
To prevent falling, make sure that the patient is positioned correctly and that the safety belt is being used, properly fastened and tightened.

The bath trolley has two safety belts (chest safety belt and hip safety belt) as standard equipment.

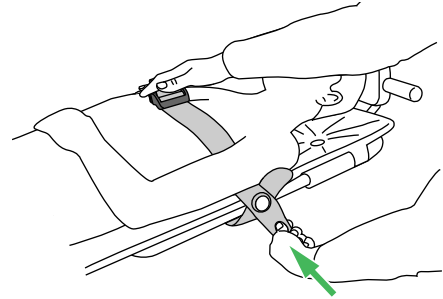


Attach the safety belts (2 steps)

1. Attach the safety belts before the patient is seated in the bath trolley. Apply the safety belts by placing the eyelet over the knob. The safety belts should be on top of the mattress.



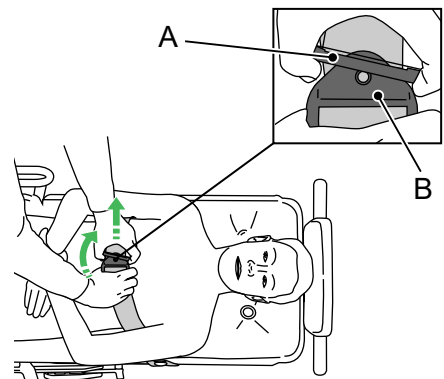
2. Position the patient in the bath trolley. Fasten the safety belts to the knobs on the side of the stretcher.



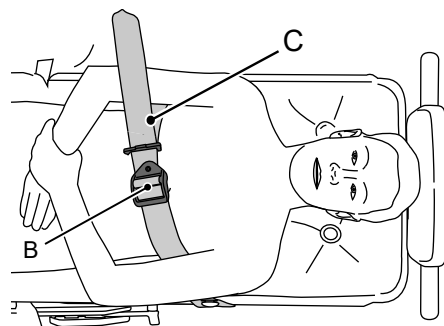
Adjust the safety belts (6 steps)

Upper safety belt is shown.

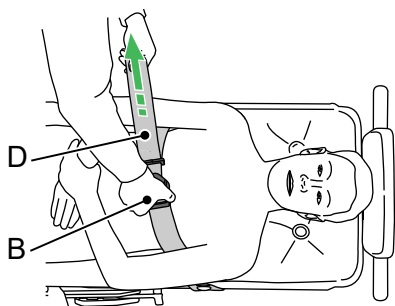
1. Pull the fastening clips (A) and (B) apart by twisting the smaller fastening clip (A) slightly upwards.



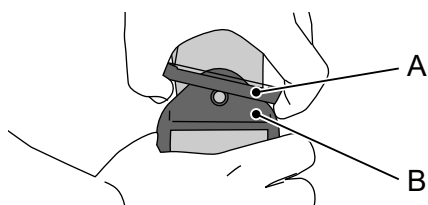
2. Loosen the safety belt by pulling the inner strap (C) and at the same time lifting the larger fastening clip (B).



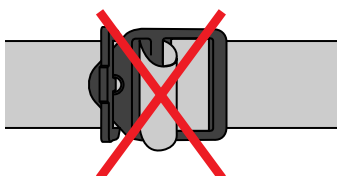
3. Tighten the safety belt by pulling the outer strap (D) and at the same time holding the larger fastening clip (B).



4. Make sure the safety belt is firmly attached to the patient's body.
5. Lock the fastening clips by inserting the smaller fastening clip (A) into the larger fastening clip (B).



6. Make sure the safety belt does not make a loop in the fastening clips after locking.



Transfer the patient

Transfer from bed

(11 steps)



WARNING

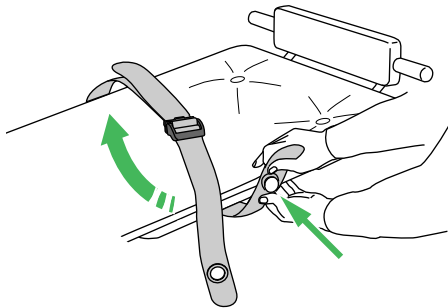
To prevent entrapment, make sure the path of movement is free from obstacles.



WARNING

To prevent entrapment of the patient's or caregiver's legs or feet, make sure that they are kept clear of all obstacles.

1. Choose the appropriate end of the bath trolley to act as back support and fasten the pillow there.
2. Attach the hip safety belt to the knob and pass it around so that it is on top of the stretcher.



3. Roll the patient to their side.

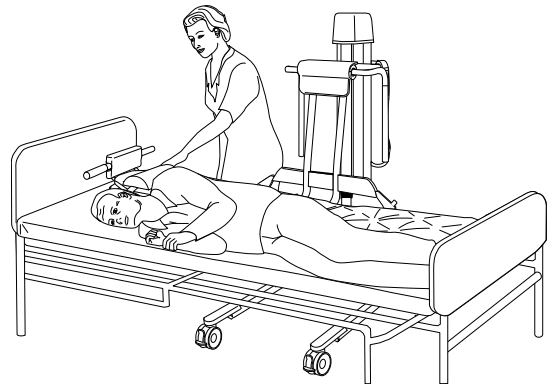
4.



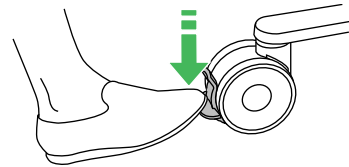
WARNING

To prevent falling during transfer, always make sure that the brakes on the equipment receiving the patient are applied.

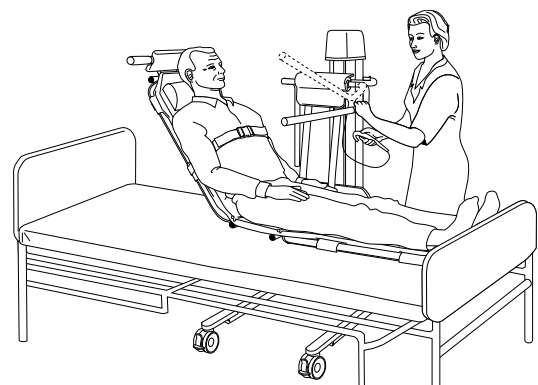
Move the bath trolley in over the bed as close as possible to the patient and lower so that it is resting firmly on the bed.




5. Apply the brakes on all castors.



6. Roll the patient over onto the stretcher.
7. Raise the backrest to desired angle (with the back part of the bed if necessary). Check that the catch is in place and the backrest is locked.

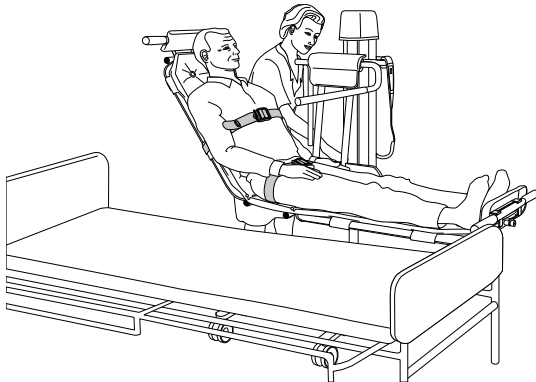



8. Fasten the safety belt over the chest.
9. Raise the stretcher a little, pull out safety belt and fasten it over the hip. Lower the handle bar.

10.  **WARNING**

To prevent entrapment, make sure to keep the patient's hair, arms and feet close to the body and use designated grab supports during any movement.

Release the castor brakes and pull the bath trolley out from the bed.



11.  **WARNING**

To prevent the patient from falling, always make sure the product is in the lowest possible position before attempting to transfer, dress or undress the patient.



WARNING

To prevent the product in use from tipping, do not raise or lower other equipment close to it and be aware of stationary objects when lowering.

Lower the bath trolley to a comfortable height and hold the transfer handles during transfer.



Transfer to bed (7 steps)



WARNING

To prevent entrapment, make sure the path of movement is free from obstacles.



WARNING

To prevent falling during transfer, always make sure that the brakes on the equipment receiving the patient are applied.



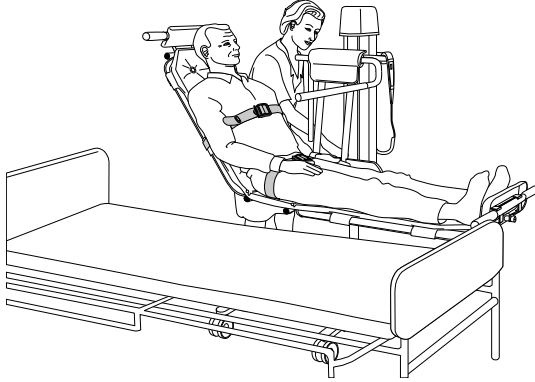
WARNING

To prevent entrapment of the patient's or caregiver's legs or feet, make sure that they are kept clear of all obstacles.

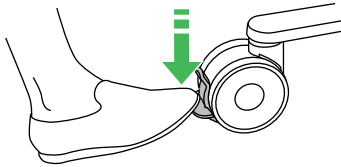
1. Raise the bath trolley to a height where it is possible to move it in over the bed.

Continued on next page

2. Move the bath trolley in over the bed.
3. Lower so that the bath trolley is resting firmly on the bed.



4. Apply the brakes on all castors.



5. Unbuckle the safety belts.

6.



WARNING

To avoid injury, make sure there is a caregiver and/or side rail up on the bed on the side that the patient is being log rolled to. Do NOT turn the patient if he/she is close to the edge of the bed.

Log roll the patient off the bath trolley and on to the bed.

7. Release the castor brakes and pull the bath trolley out from the bed.

Bathe the patient

(9 steps)

First read the separate instructions for your bath system.

NOTE

Read safety instructions in this IFU before bathing.



WARNING

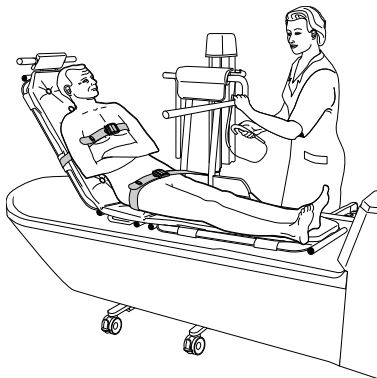
To prevent entrapment, make sure to keep the patient's hair, arms and feet close to the body and use designated grab supports during any movement.



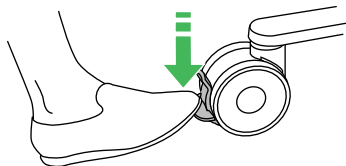
WARNING

To prevent falling, make sure that the patient is positioned in accordance with this IFU.

1. Undress the patient.
2. Raise the bath trolley to clear the edge of the bathtub and move the patient in over the bathtub.



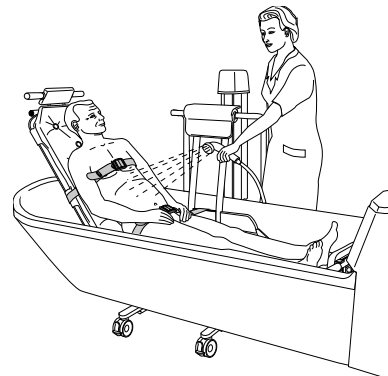
3. Apply the brakes on all castors.



4. Raise the bathtub to a comfortable height, if bathtub is adjustable.
5. Lower the bath trolley so that it is resting against the bottom of the bathtub.



6. Remove the safety belt over the chest and loosen the safety belt over the hip.
7. Bathe the patient.
8. After bathing, fasten the safety belts over both hip and chest. Lower the bathtub, so that the bath trolley is above the water and give the patient a quick shower.



Continued on next page

9. After drying, cover or dress the patient to keep him/her warm. Release the castors and return the patient to their room on the bath trolley.



Cleaning and disinfection

For the best results, only use Arjo branded disinfectant.

If you have any questions regarding disinfecting the equipment or wish to order disinfectant, contact your local Arjo representative.

The following procedure should be carried out after every use and at the end of the day.



WARNING



To prevent eye and skin damage, always use protective glasses and protective gloves. If contact occurs, rinse with plenty of water. If eyes or skin become irritated, contact a physician. Always read the IFU and the Safety Data Sheet (SDS) of the disinfectant.



WARNING

To prevent cross-contamination, always follow the cleaning and disinfection instructions in this IFU.



WARNING

To prevent eye or skin irritation, never disinfect in the presence of a patient.

CAUTION

To prevent damage on the equipment only use Arjo branded disinfectants.

Accessories for disinfecting the bath trolley

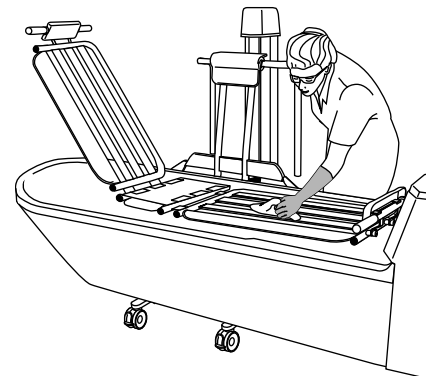
- Protective gloves
- Protective glasses

- Spray bottle with disinfectant (detergent and disinfectant) or disinfection spray handle with disinfectant (detergent and disinfectant).
- Spray bottle with water or shower handle with water
- Cloths
- Disposable towels
- Soft bristle brush
- Long-handled soft bristle brush

Clean and disinfect (15 steps)

Removing visual residue

1. Remove the mattress and safety belts, and place in the bottom of the bathtub.
2. Position the bath trolley over the bathtub and lower it down.
3. Clean the bath trolley from visible residue with a cloth soaked in water. Alternatively shower with water using a brush and/or wipe with a cloth.
 - Clean the upper part of the bath trolley (start from the top and move downwards).
 - Clean all removed parts.

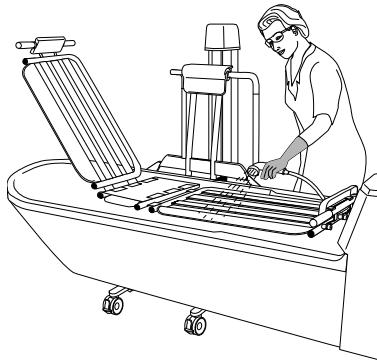


Cleaning

4. Put on protective gloves and glasses.

Continued on next page

5. Spray disinfectant on the upper part of the bath trolley and on all removed parts. Use a brush soaked in disinfectant and scrub thoroughly, especially on handles and hand control.
6. Shower with water (approx. 25 °C (77 °F)) or spray with plenty of water and wipe off with a clean cloth to remove all disinfectant.



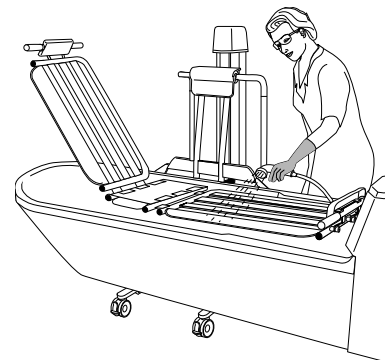
7. Soak a cloth in disinfectant and wipe all other areas of the bath trolley, such as the chassis.
8. Wet a new cloth with water and remove all traces of disinfectant from all other areas of the bath trolley. The cloth should occasionally be rinsed in running water when removing disinfectant.
9. If all disinfectant cannot be removed, spray water on the affected part and wipe off with disposable towels. Repeat until all disinfectant has been removed.

Disinfection

10. Spray disinfectant on the upper part of the bath trolley and on all removed parts.
11. Soak a cloth in disinfectant and wipe all other areas of the bath trolley, such as the chassis.
12. Allow a disinfection time according to the instructions on the disinfectant bottle label.

13. Spray or shower water (approx. 25 °C (77 °F)) on the bath trolley and wipe with a clean cloth to remove all traces of the disinfectant. The cloth should occasionally be rinsed in running water when removing disinfectant.

- Wipe the upper part of the bath trolley.
- Wipe all removed parts.
- Wipe all other areas of the bath trolley, such as the chassis.



14. If all disinfectant cannot be removed, spray water on the affected part and wipe off with disposable towels. Repeat until all disinfectant has been removed.
15. Let all parts dry.

Battery instructions



WARNING

To prevent injury, do NOT crush, puncture, open, dismantle or otherwise mechanically interfere with the battery.

Should the battery casing crack and cause contents to come in contact with skin or clothing, rinse immediately with plenty of water.

If contents come in contact with the eyes, rinse immediately with plenty of water and seek medical attention.

Inhalation of the contents can cause respiratory irritation. Provide fresh air and medical attention.

- Be careful not to drop the battery.
- Contact the appropriate local authority for advice when disposing of batteries.
- Check the label on the battery.

Low charge warning

If the battery needs charging a buzzing tone is heard when the lift is activated. At this time, there will be enough battery power to complete the immediate task.

Storage of battery

- The battery is delivered charged but it's recommended to recharge the battery when received due to a slow self discharge.
- This battery will slowly self discharge when not used.
- A battery not in use should be stored in a temperature range of 0 to +30 °C (+32 to +86 °F). Cooler temperatures will extend its service life.
- For maximum battery performance, do not store the battery above 50 °C (122 °F).

Installation of charger

See the battery charger IFU.

Charge the battery

See the battery charger IFU.

Care and preventive maintenance

Under normal use the product is subject to wear and tear. Perform the following actions when specified to make sure that the product remains within its original manufacturing specifications.



WARNING

To prevent malfunction resulting in injury, make sure to conduct regular inspections and follow the recommended maintenance schedule. In some cases, due to heavy use of the product and exposure to aggressive environment, more frequent inspections should be carried out. Local regulations and standards may be more stringent than the recommended maintenance schedule.

NOTE

The product cannot be maintained and serviced while in use with a patient.

Preventive maintenance schedule

CAREGIVER/FACILITY OBLIGATIONS			
Action	Every day	Every week	Every 2 years
Clean and disinfect	•		
Visually check all exposed parts		•	
Check mechanical attachments		•	
Check the hand control and cable		•	
Check and clean the castors		•	
Check the brakes		•	
Check the mattress/pillows		•	
Visually check the battery and battery charger		•	
Visually check the safety belts		•	
Check the side support holder (accessory)		•	
Perform a functionality test		•	
Replace the safety belts			•



WARNING

To prevent injury to both the patient and the caregiver, never modify the product or use incompatible parts.

NOTE

Caregiver/facility obligations shall be carried out by personnel with sufficient product knowledge, following the instructions in this IFU.

Every day

Clean and disinfect

The bath trolley has to be disinfected immediately after every use. Arjo disinfectants should be used in recommended concentrations as labelled on the disinfection bottle. See section Cleaning and disinfection on page 23.

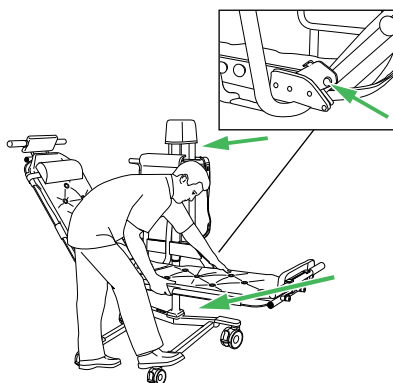
Every week

Visually check all exposed parts

Visually check all exposed parts, especially where personal contact is made by either the patient or caregiver. Make sure no cracks or sharp edges have developed that could cause the patient or caregiver injury or that has become unhygienic. Replace damaged parts.

Check mechanical attachments

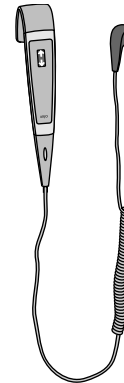
1. Check the mechanical attachments by placing a foot on the chassis and pulling the stretcher upwards with both hands. No gaps are allowed.



2. Check that all screws are tightened.
3. Check that the cover over the backrest adjustment catch is in good condition and properly fastened.
4. Check the backrest retainer mechanism on both sides.

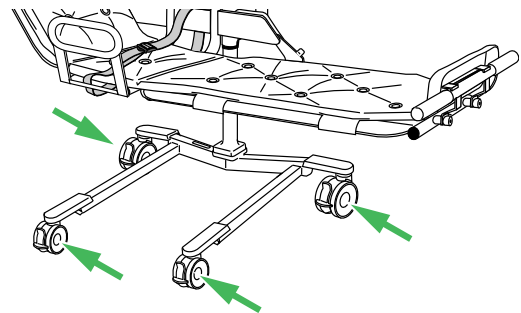
Check the hand control and cable

Visually check the condition of the hand control and its cable. Replace damaged parts.



Check and clean the castors

Check that the castors are properly fixed and are rolling and swivelling freely. Clean with water (the function can be affected by soap, hair, dust and chemicals from floor cleaning).

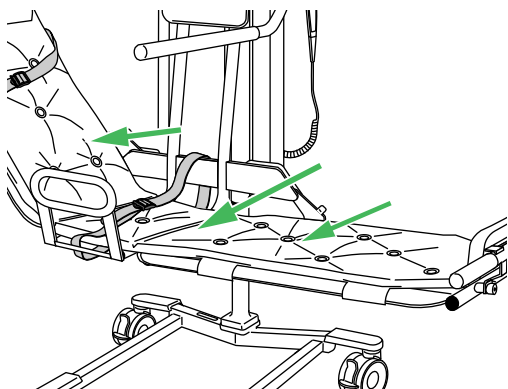


Check the brakes

Check the brakes on the castors and check the castor brake lever. Replace damaged parts.

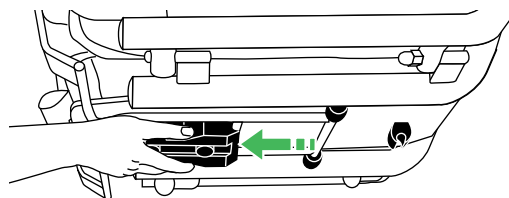
Check the mattress/pillow

Check the mattress/pillow to make sure there are no cracks or tears that would allow water to get into the filling. If there is such damage, replace damaged parts.



Check the side support holder (accessory)

Check the function of the side support holder (accessory) by pulling the holder towards you. When letting go, the holder shall lock securely.

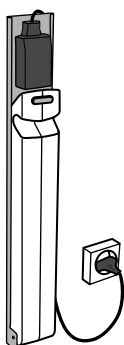


Perform a functionality test

- Test the up/down motion by pressing the up/down buttons.
- Test the emergency high/low function.

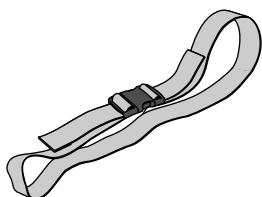
Visually check the battery and battery charger

Visually check the condition of the battery charger, its cable and the battery. Withdraw and replace immediately if damaged.



Visually check the safety belt

Check the complete length for fraying, cuts, cracks, tears, that no inner fabric is showing and that no other damage is visible. If the safety belt is damaged in any way, replace it.



Yearly checks by qualified service personnel

The product must be serviced once a year in accordance with the Maintenance and repair manual.



WARNING

To prevent injury and/or unsafe product, the maintenance activities must be carried out at the correct frequency by qualified service personnel using correct tools, parts and knowledge of procedures. Qualified service personnel must have documented training in maintenance of this product.


ACTIONS BY QUALIFIED SERVICE PERSONNEL

Action	Every year
Lubricate inner profile	•
Check the battery and battery charger	•
Check oil level (Hydraulic)	•
Check all vital parts for corrosion and damage	•
Perform a full feature functionality test	•
Check mechanical attachments	•
Check that the latest updates have been implemented	•
Check the safety stop function	•
Perform a safe working load test (local requirements)	•
Inspect castors	•
Check the emergency high/low function	•
Check scale calibration (if attached and not verified)	•
Check the batteries for the scale	•
Check function of emergency stop	•


NOTE

All caregiver/facility obligations are to be checked when performing the yearly service.

Troubleshooting

PROBLEM	ACTION
The bath trolley continues to raise or descend after the hand control button is released.	Activate the red emergency stop button and pull the battery out - remove the patient from the bath trolley and contact qualified service personnel.
The bath trolley does not raise or descend when the hand control button is pressed.	<ol style="list-style-type: none"> 1. Make sure that the battery is fully engaged in the battery compartment. 2. Make sure that the hand control connection plug is properly engaged in the socket. 3. Make sure that the battery is charged. 4.  WARNING To prevent injury, make sure that the patient is not left unattended at any time. Use the emergency lowering to descend the patient. Remove the patient from the bath trolley and contact qualified service personnel.
The bath trolley is hard to manoeuvre during transfer.	<ol style="list-style-type: none"> 1. Make sure all brakes are released. 2. Make sure all castors roll and turn freely. If not, remove the patient from the bath trolley and contact qualified service personnel.
The bath trolley is making abnormal sounds during lifting or transfer.	Remove the patient from the bath trolley and contact qualified service personnel.
The bath trolley beeps shortly once every minute when not operated.	Contact qualified service personnel.
It is only possible to lower the bath trolley.	The lifting device of this equipment is equipped with a safety nut. If the safety nut will be activated it will only be possible to lower the equipment into a safe position. In case of this scenario, stop using the equipment and contact qualified service personnel for repair of the equipment.

Technical specifications

GENERAL DATA	
Lifting capacity	136 kg (300 lb)
Maximum weight of lift (lift + scale)	69 kg (151 lb) - model CEB 6000 (hydraulic) 78 kg (171 lb) - model CEB 60XX (electric)
Maximum total weight of lift (lift + patient)	205 kg (451 lb) - model CEB 6000 (hydraulic) 214 kg (471 lb) - model CEB 60XX (electric)
Medical equipment	Type B 
Power source	Battery No. NDA0100-03
Battery charger	NDA1200-EU, NDA2200-GB, NDA4200-US, NDA6200-AU and NDA8200-INT
Protection class - bath trolley	IPX4
Protection class - hand control	IPX7
Fuse	F1 F10AL 250 V
Insulation class	Class II Equipment
Sound level	62 dB(A)
Mode of operation	ED maximum 10%; Maximum 1 minutes ON; Minimum 9 minutes OFF
Degree of fire protection	In accordance with standard IEC 60601-1

OPERATING FORCE	
Push buttons (hand control)	2.7 N
Emergency stop	20 N
Brakes	105 N
Levers	70 N

COMPONENT WEIGHTS	
Battery	4.4 kg (9.7 lb)
Scale (add weight to the bath trolley weight)	9.5 kg (21 lb)

ALLOWED COMBINATIONS	
The Bolero bath trolley integrates with the following products.	
Arjo equipment	System 2000 Rhapsody System 2000 Primo System 2000 PrimoFerro. Classic Line 2
Hospital beds	Generic hospital beds with minimum bed to floor clearance of 150 mm

Continued on next page

ALLOWED COMBINATIONS

No other combinations have been assessed by Arjo (manufacturer). The facility shall assess any other combination by performing compatibility testing themselves, hereby transferring the responsibility for a safe equipment combination to the facility.

TRANSPORT, STORAGE AND OPERATION

Ambient temperature range	-20 °C to +70 °C (-4 °F to +158 °F) Transport and storage +10 °C to +40 °C (+50 °F to +104 °F) Operation
Relative humidity range	10 % - 80 % Transport and storage 30 % - 75 % Operation
Atmospheric pressure range	500 - 1100 hPa Transport and storage 800 - 1060 hPa Operation

ENVIRONMENTAL

Pollution degree	2
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RECYCLING

Package	Wood and corrugated cardboard, recyclable.
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END OF LIFE DISPOSAL

- All batteries in the product must be recycled separately. Batteries are to be disposed of in accordance with national or local regulations.
- Slings including stiffeners/stabilizers, padding material, any other textiles, polymers or plastic materials etc. should be sorted as combustible waste.
- Lift systems that have electrical and electronic components or an electrical cord should be disassembled and recycled per Waste of Electrical and Electronic Equipment (WEEE) or in accordance with national or local regulations.
- Components that are primarily made up of different kinds of metal (containing more than 90 % metal by weight) for example sling bars, rails, upright support etc., should be recycled as metals.

Dimensions

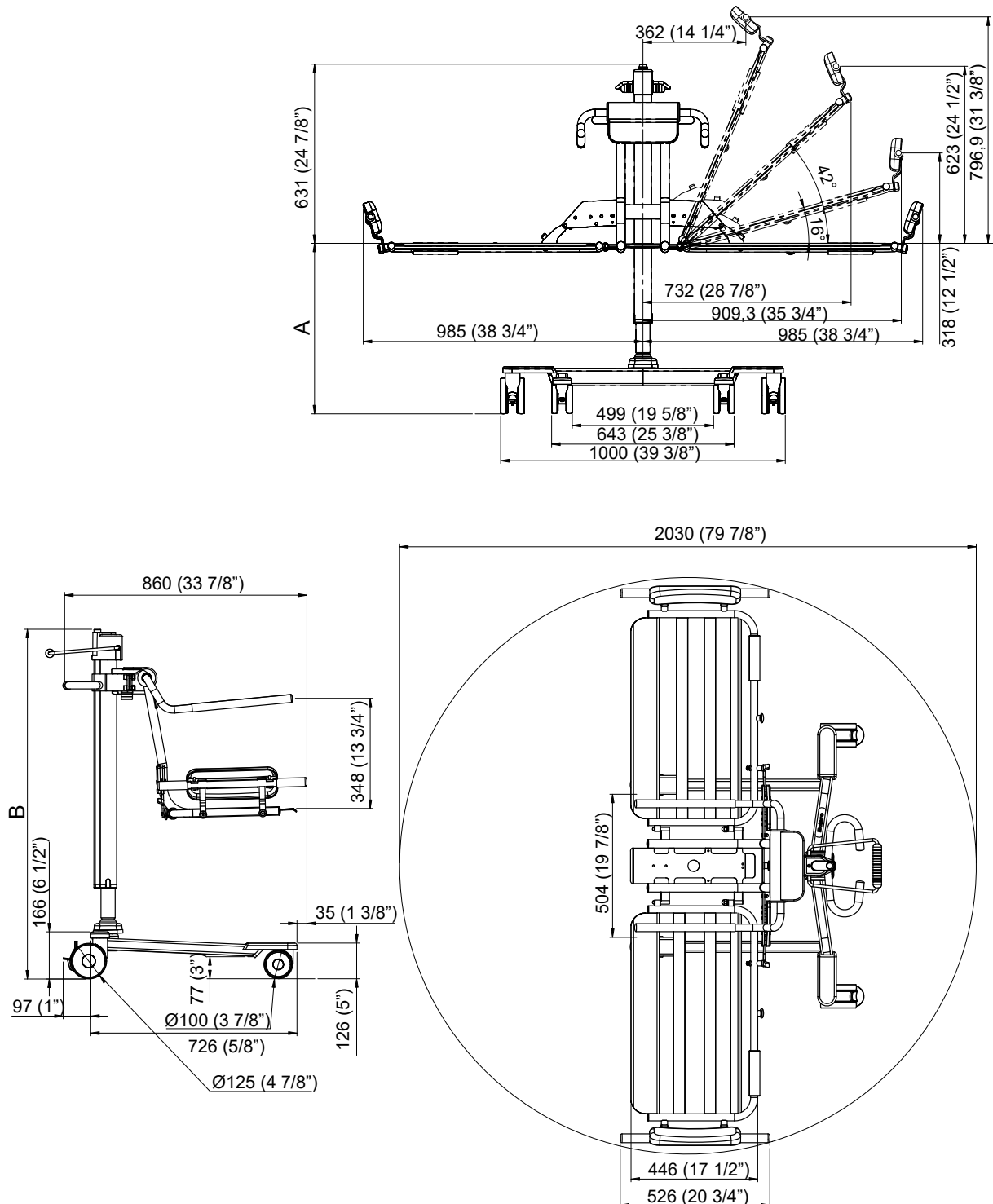
Bolero Hydraulic

Measurements in mm (inches)

A minimum 515 (20 1/4") gives **B** minimum 1150 (45 1/4")

A maximum 1015 (40") gives **B** maximum 1650 (65")

Stroke: 500 (19 5/8")



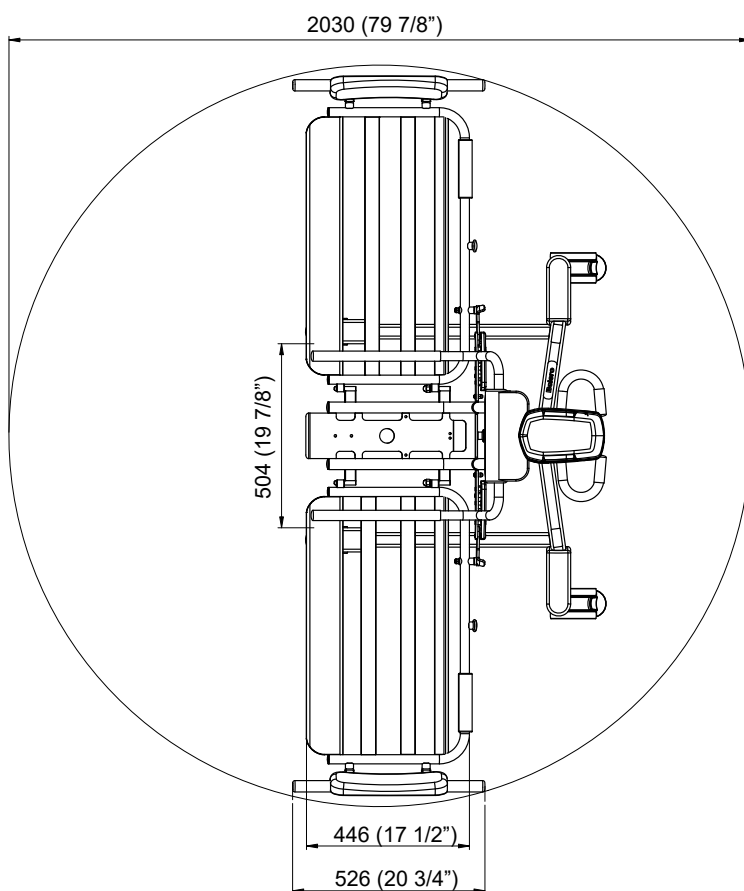
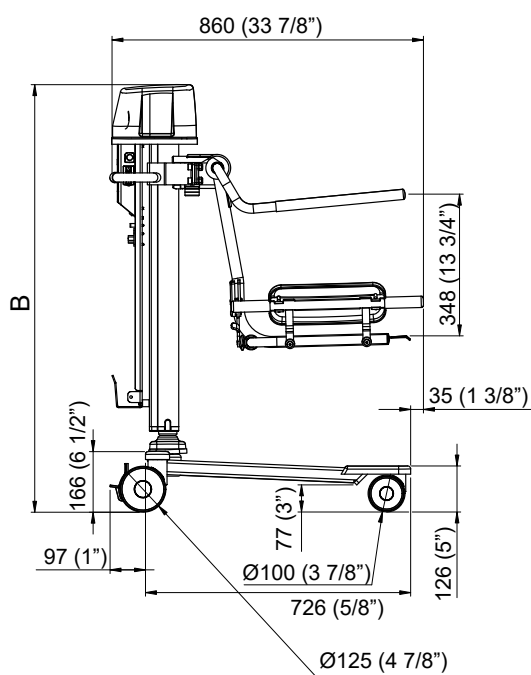
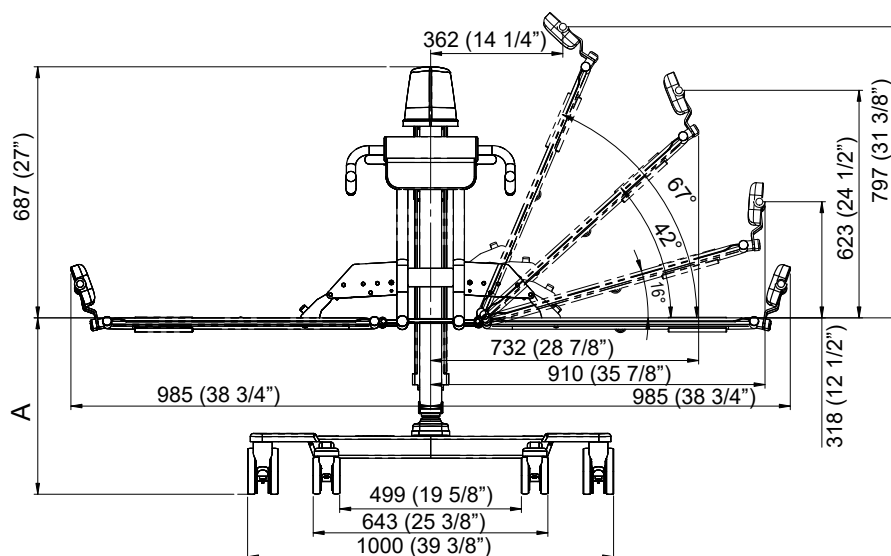
Bolero Electric

Measurements in mm (in)

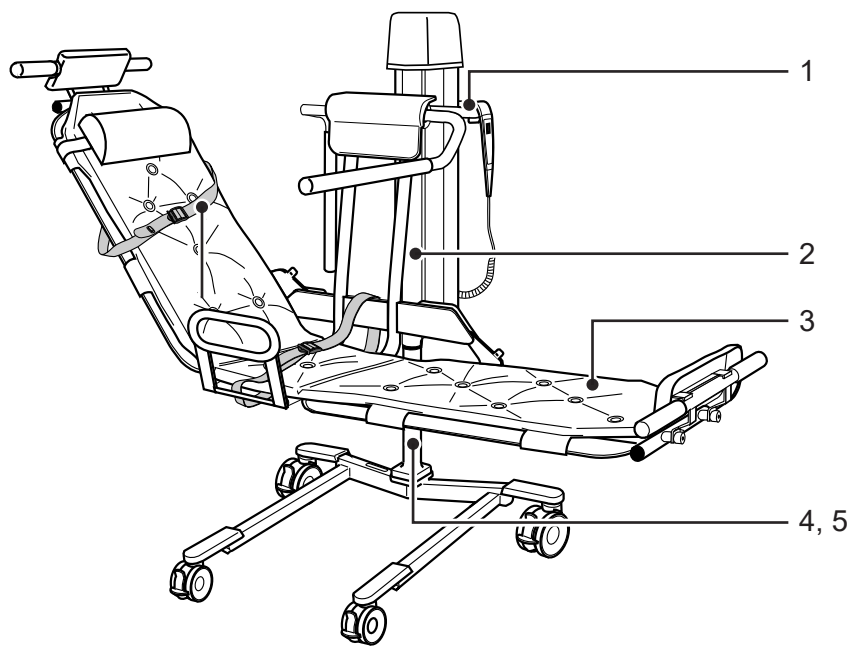
A minimum 515 (20 1/4") gives **B** minimum 1165 (45 7/8")

A maximum 1080 (42 1/2") gives **B** maximum 1730 (68 1/8")

Stroke: 565 (22 1/4")



Labels













1. Attention label - Important user information for correct use.
2. Battery label - States safety and environmental information for the battery.
3. Applied part

4. Identification label - States the product identification, serial number and year and month of manufacturing.
5. Data label - States technical performance and requirements, e.g. input power, input voltage and maximum patient weight etc.

SYMBOL EXPLANATION	
	Type B Applied part. Protection against electrical shock in accordance with IEC 60601-1. Applied parts are considered to be: stretcher and frame, including all parts attached to it.
SWL	Safe Working Load
 XX kg/ XX kg/ = XX kg/ XX lb XX lb XX lb	Total mass of equipment including its Safe Working Load
	Lifting stroke
24V DC	Supply voltage
MAX: 150 VA	Maximum power
	Fuse F1: F10AL 250 V
IPX4	X: The protection against ingress of solid foreign objects is not specified for this product. 4: Protected against splashing water.

Continued on next page

SYMBOL EXPLANATION	
IPX7	X: The protection against ingress of solid foreign objects is not specified for this product. 7: Protected against the effects of temporary immersion in water.
1 min on/ 9 min off	Mode of operation for high/low function: Maximum 2 minutes ON; Minimum 18 minutes OFF
NDA0100-XX	Product number of the battery
	A battery is the power source of this product
	Separate electrical and electronic components for recycling in accordance with the European Directive 2012/19/EU (WEEE)
	Refer to instruction manual/ booklet - Instructions for use should be read.
 Pb	Environmental danger - contains lead. Not for disposal.
	Recyclable
	CE marking indicating conformity with European Community harmonised legislation. Figures indicate Notified Body supervision when product is fitted with scale.
	CE marking indicating conformity with European Community harmonised legislation. (Product without scale)
	Indicates that the product is a Medical Device according to EU Medical Device Regulation 2017/745.
	Classified by Underwriters Laboratories Inc. with respect to electrical shock, fire, mechanical, hazards and other specified hazards only in accordance with: AAMI ES60601-1:2005, ES60601-1:2005/AMD1 1:2012, ES60601-1:2005/AMD2:2021 CSA-C22.2 No. 60601-1:14, Amendment 2:2022 (MOD) to CAN/CSA-C22.2 No. 60601-1:14
	Name and address of the manufacturer
	Manufacturing date
	Unique device identifier

UNITED KINGDOM

**UK
CA**
0086

UK marking indicating conformity with UK Medical Devices Regulations 2002 (SI 2002 No 618, as amended)

Figures indicate UK Approved Body supervision.

UK Responsible Person & UK Importer: Arjo (UK) Ltd, ArjoHuntleigh House, Houghton Regis. LU5 5XF

For Northern Ireland (NI) CE marking will still apply until further amendment to applicable regulations.

Electromagnetic compatibility

Product has been tested for compliance with current regulatory standards regarding its capacity to block EMI (electromagnetic interference) from external sources.

Some procedures can help reduce electromagnetic interferences:

- Ensure that other devices in patient-monitoring and/or life-support areas comply to accepted emissions standards.



WARNING

Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.



WARNING

Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Bolero bath trolley, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.



WARNING

Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Intended Environment: Professional Healthcare Facility Environment

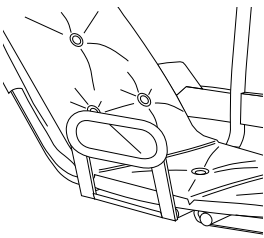

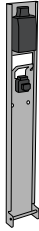
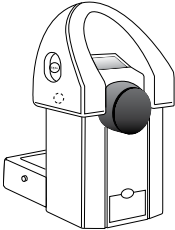
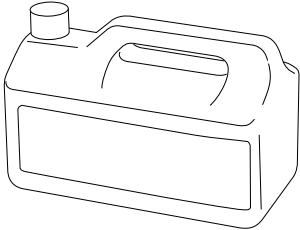
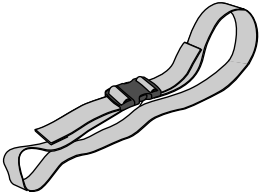
Exceptions: HF Surgical Equipment and the RF Shielded room of an ME SYSTEM for magnetic resonance imaging

GUIDANCE AND MANUFACTURER’S DECLARATION – ELECTROMAGNETIC EMISSION		
Emission test	Compliance	Guidance
RF emissions CISPR 11	Group 1	This equipment uses RF energy only for its internal functions. Therefore its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	This equipment is suitable for use in all establishments, including domestic establishments and those directly connected to the public low voltage power supply network that supplies buildings used for domestic purposes.

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC IMMUNITY

Immunity test	IEC 60601-1-2 test level	Compliance level
Electrostatic discharge (ESD) EN 61000-4-2	±2kV, ±4kV, ±8kV, ±15kV air ±8kV contact	±2kV, ±4kV, ±8kV, ±15kV air ±8kV contact
Conducted disturbances induced by RF fields EN 61000-4-6	3V in 0.15 MHz to 80 MHz 6V in ISM and amateur radio bands between 0.15 MHz and 80 MHz 80% AM at 1 kHz	3V in 0.15 MHz to 80 MHz 6V in ISM and amateur radio bands between 0.15 MHz and 80 MHz 80% AM at 1 kHz
Radiated RF electromagnetic field EN 61000-4-3	Professional Healthcare environ- ment 3 V/m 80 MHz - 2.7 GHz 80% AM at 1 kHz	Professional Healthcare environ- ment 3 V/m 80 MHz - 2.7 GHz 80% AM at 1 kHz
Proximity fields from RF wireless communications equipment EN 61000-4-3	385 MHz - 27 V/m 450 MHz - 28 V/m 710, 745, 780 MHz - 9 V/m 810, 870, 930 MHz - 28 V/m 1720, 1845, 1970, 2450 MHz - 28 V/m 5240, 5500, 5785 MHz - 9 V/m	385 MHz - 27 V/m 450 MHz - 28 V/m 710, 745, 780 MHz - 9 V/m 810, 870, 930 MHz - 28 V/m 1720, 1845, 1970, 2450 MHz - 28 V/m 5240, 5500, 5785 MHz - 9 V/m
Electrical fast transient/burst EN 61000-4-4	±1kV SIP/SOP ports 100 kHz repetition frequency	±1kV SIP/SOP ports 100 kHz repetition frequency
Power frequency magnetic field EN 61000-4-8	30 A/m 50 Hz or 60 Hz	30 A/m 50 Hz
Proximity magnetic fields EN 61000-4-39	134.2 kHz - 65 A/m 13.56 MHz - 7.5 A/m	134.2 kHz - 65 A/m 13.56 MHz - 7.5 A/m

Parts and accessories

		
Side support CEA1000-03	Battery NDA0100-03	Battery charger NDA8200-INT
		
Scale CFA1000-03-F	For disinfectant contact the local Arjo representative	Safety belt CEA1400-01

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