

BOLERO

Instructions for Use



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Foreword

Thank you for purchasing ArjoHuntleigh equipment.

Your *Bolero* lift bath trolley is part of a series of quality products designed especially for hospitals, nursing homes and other health care use.

We are dedicated to serving your needs and providing the best products available along with training that will bring your staff maximum benefit from every ArjoHuntleigh product.

Please contact us if you have any questions about the operation or maintenance of your ArjoHuntleigh equipment.

Please read this manual thoroughly!

Please read this manual in its entirety before using your *Bolero* lift bath trolley. Information in the manual is crucial to the proper operation and maintenance of the equipment, and will help protect your product and ensure that equipment performs to your satisfaction. Some of the information in this manual is important for your safety and must be read and understood to help prevent possible injury. ArjoHuntleigh strongly advise and warn that only ArjoHuntleigh designed parts, which are designed for the purpose, should be used on equipment and other appliances supplied by ArjoHuntleigh, to avoid injuries attributable to the use of inadequate parts.

Unauthorized modifications on any ArjoHuntleigh equipment may affect its safety. ArjoHuntleigh will not be held responsible for any accidents, incidents or lack of performance that occur as a result of any unauthorized modification to its products.

Service and Support

Service should be performed regularly on your *Bolero* every year by ArjoHuntleigh qualified personnel to ensure the safety and daily operation of your product.

See *chapter Care and Preventive Maintenance*.

If you require further information, please contact your local ArjoHuntleigh representative who can offer comprehensive support and service programs to maximize the long-term safety, reliability and value of the product. Contact your local ArjoHuntleigh representative for replacement parts.

Your service representative stocks the parts you will need.

The telephone number appears on the last page of this manual.

Study the DVD for your Bolero.

A DVD accompanies this manual.

Please note that the DVD does not replace the information in this manual since it contains additional important safety instructions.

Definitions in this manual:

WARNING

Means:

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

CAUTION

Means:

Failure to follow these instructions may cause damage to all or parts of the system.

NOTE

Means:

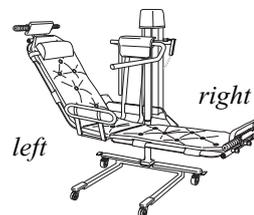
This is important information for the correct use of this system or equipment.



Means:

The name and address of the manufacturer

The directions *right* or *left* in this manual are given as below



Safety Instructions

The equipment must be used in accordance with these safety instructions. Anyone using the equipment must also have read and understood the instructions in this manual. If there is anything you are not sure about, contact your ArjoHuntleigh representative.

Intended use

This equipment is intended for lifting and transporting 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 Operating and Product Care instructions.

Any other use is prohibited. The equipment may only be used for the purpose specified here.

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 lbs).
- 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 lift shall be used.

The expected life time of this equipment, unless otherwise stated, is ten (10) years, subject to preventative maintenance being carried out in accordance with the instructions for care and maintenance found in this manual.

NOTE

Modifications made to the equipment without expressed written consent of ArjoHuntleigh will invalidate the supplier's product liability.

WARNING

Never leave the resident unattended at any time. Ensure that the resident does not pull or hold on to stable objects such as grab rails, sinks and other equipment at any time.

WARNING

Before lifting *Bolero* out of the water after a bath, re-position the resident if needed to ensure that the resident is sitting upright in the centre of the chair!

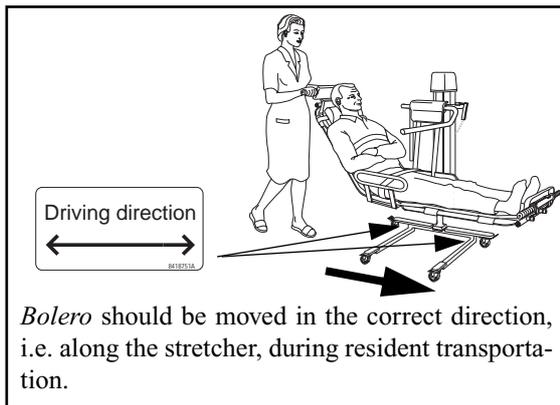
NOTE

All materials used in *Bolero* lift bath trolley complies with established biocompatibility standards and have been tested accordingly (ISO 10993-5).

Warnings

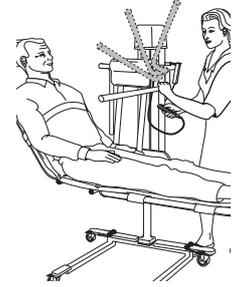
To avoid the possibility of injury always ensure that:

- the equipment is used by trained staff.
- the mattress is properly attached.
- *Bolero* is moved with care, especially in narrow passages, over bumps etc. and that the resident safety straps are secure.



- *Bolero* is always driven in the intended direction. The *Bolero* has a lower stability in the non intended driving direction and can then tilt if provoked.
- the stretcher is kept in a low level during transportation to achieve better stability.
- that the resident is lying/sitting in the middle of the stretcher.
- *the castors and brakes work freely.*
- the castors are locked on *Bolero* during resident transfer from/to bed etc. and when *Bolero* is stationary.
- bed castors are locked during resident transfer from/to bed.
- the safety straps are in good condition and properly fastened.
- all screws are tightened.
- the lifting system is working smoothly (raising and lowering).
- there are no sharp edges on parts coming in contact with residents.
- the cover over the back rest adjustment catch is in good condition and properly fastened.
- *Bolero* is not overloaded! The lifting capacity of the *Bolero* is 136 kg (300 lb.).

When positioning *Bolero*, do not stay in the direction of the movement of the hand rest. An unexpected movement upwards, done by the resident, can injure the nurse. See illustration.



Battery charger safety practices:

- The charger is designed for dry areas only and for normal air humidity conditions.
- Don't expose the charger to water or dust.
- The charger must not be covered.

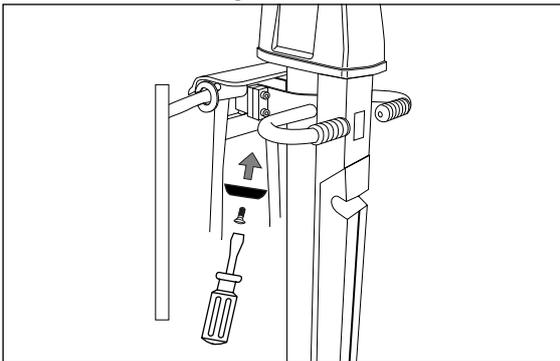
Battery safety practices:

- Use only the charger supplied with the equipment.
- Do not charge a battery in a sealed compartment.
- Be careful not to drop the battery.
- Do not place a battery near a heat source or fire.
- Do not short-circuit the battery.
- Do not store a battery at a temperature higher than 50 °C (122 °F).
- 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 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. Sensitivity of nickel can cause allergic asthma. Provide fresh air and medical attention.
- Contact the appropriate local authority for advice when disposing of batteries.
- Check labels on the battery.
- Don't expose the battery or charger to flames.
- Don't expose the battery connector to water.
- Don't use the charger in presence of inflammable anaesthetic gases.

Preparations

Actions before the first use

- 1 Visually check the package for damage.
- 2 The package should be recycled according to local regulations.
- 3 Check that all parts of the product are supplied. Compare with the product description in this manual. If any part is missing or damaged - do not use the product!
- 4 Mounting of the enclosed spacer:
The spacer that is mounted on *Bolero* when delivered, is adapted to the depth of ArjoHuntleigh Bath System.
For deeper baths only. To get a deeper immersion, remove one of the two mounted spacer s on *Bolero*.
See illustration.
Be aware of damage of the surface of the tub.



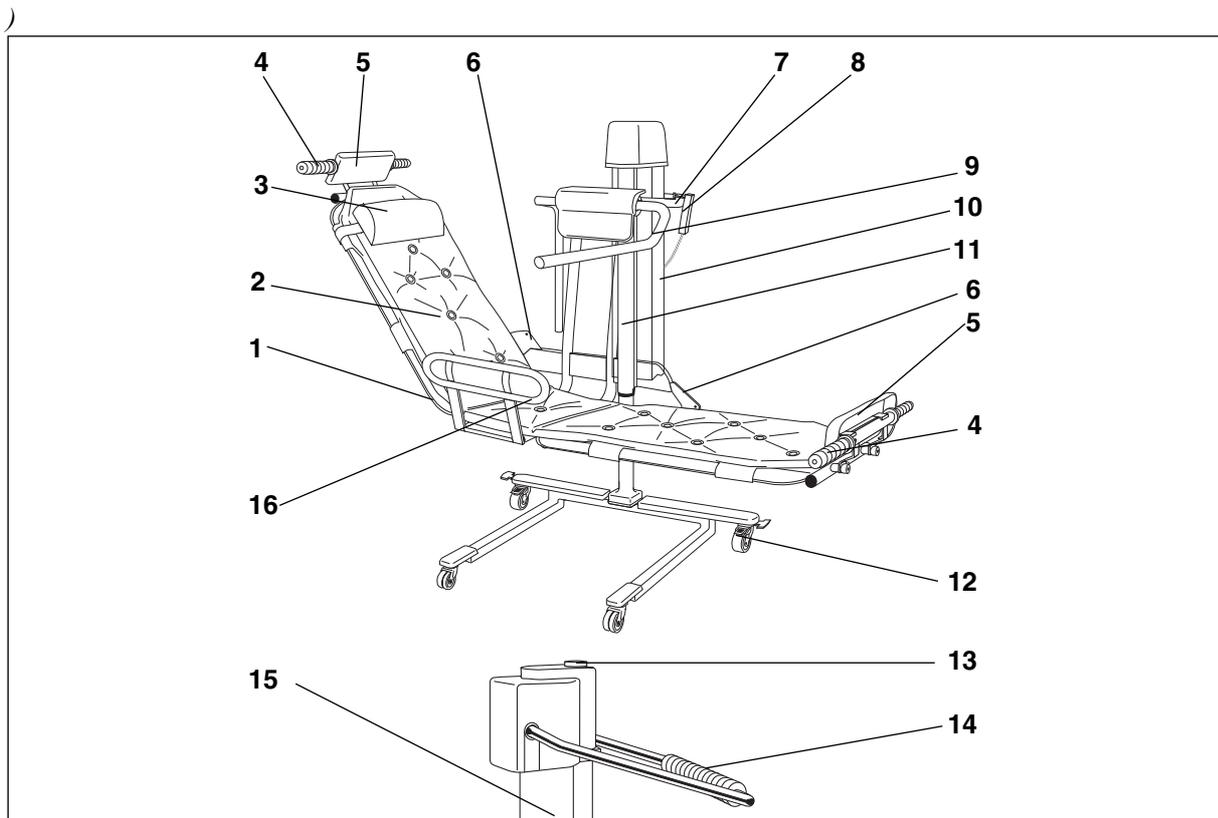
- 5 Unpack the battery charger. See “installation and charging instructions”
- 6 Charge each battery for 24 hrs.
- 7 Clean the product according to ”cleaning instructions” on page 28 in this manual.
- 8 Prepare an area, dry with good ventilation for storage of the lift.
- 9 Choose a designed area, where the Instructions for Use should be kept, accessible at all times for the users.
- 10 If you have any questions, please contact your local ArjoHuntleigh representative for support and service. The contact numbers appear on the last page of this manual.

Actions before every use

- 1 Check that all parts of the Bolero are in place. Compare to *Part Designations* page

Part designations

- | | | | |
|----|--|----|---------------------------------|
| 1 | 3-part stretcher | 15 | Pillar (Hydraulic) |
| 2 | 3-part mattress | 16 | Side Support (Accessory) |
| 3 | Pillow | 17 | Safety straps (not illustrated) |
| 4 | Transport handle | | |
| 5 | Foot rest | | |
| 6 | Locking device for back rest | | |
| 7 | Manoeuvring handle | | |
| 8 | Hand control (Electrical) | | |
| 9 | Handle bar
(not on paediatric versions) | | |
| 10 | Battery (Electrical) | | |
| 11 | Pillar (Electrical) | | |
| 12 | Castor brake | | |
| 13 | Lowering button (Hydraulic) | | |



14 Hand pump for raising (Hydraulic)

Product description/function

Battery charger (1)

See separate *Battery and battery charger instructions*.

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

Type no:

NDA1200-EU,
NDA2200-GB,
NDA4200-US,
NDA6200-AU.

Manual raising and lowering (2)

- The stretcher is raised by using the hand pump. Pump evenly, using the full range of movement.
- The stretcher is lowered by pressing the lowering button.

Electric raising and lowering (3)

- Unhook the hand control from its holder.
- To raise *Bolero*, press the “up” arrow on the hand control button.
- To lower *Bolero* press the “down” arrow.

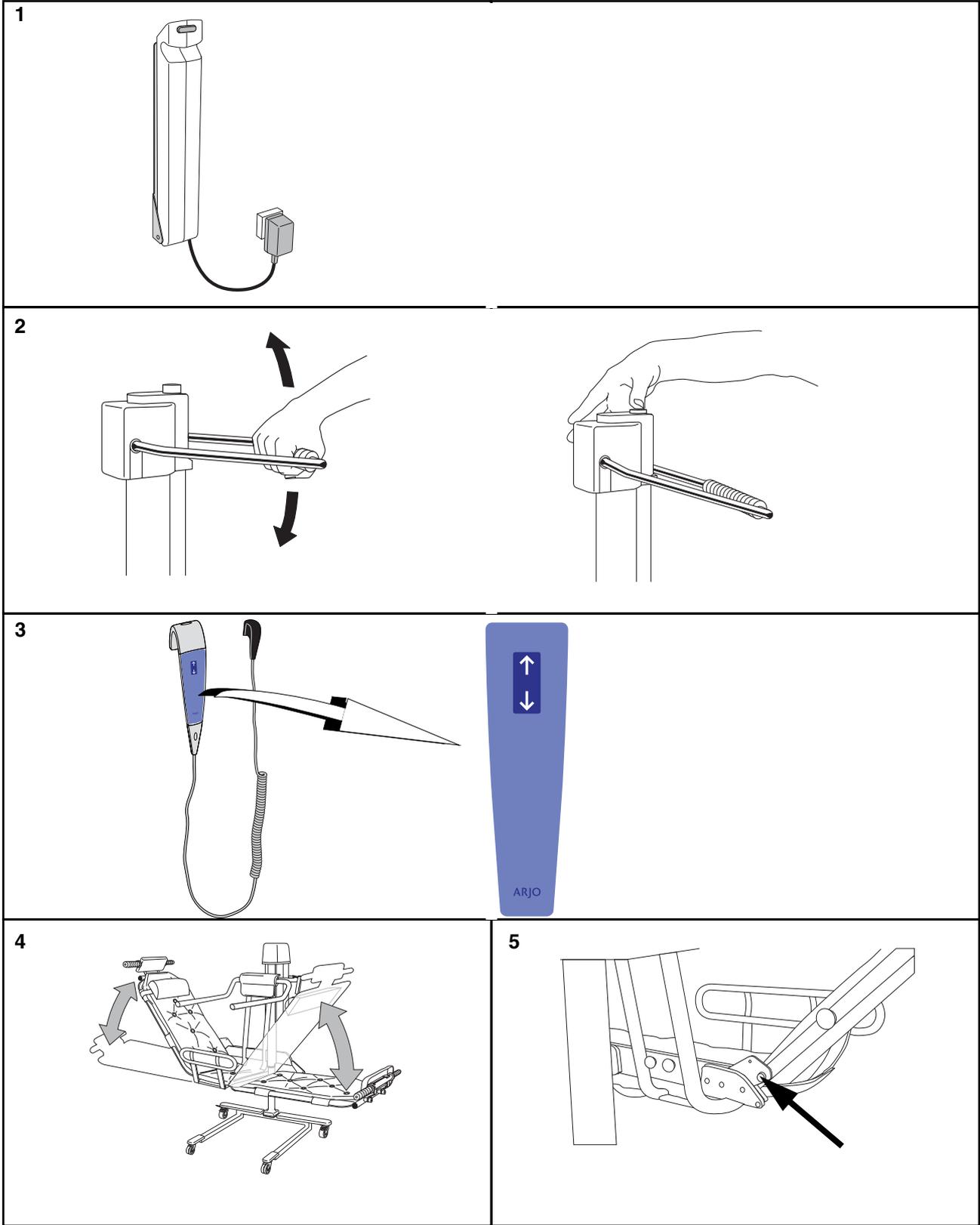
Back rest and leg support (4 - 5)

- *Bolero* is symmetrical so that either end can be used as the back rest, depending on the orientation of the resident's bed. To change the orientation of the trolley simply move the pillow to the other end (4).
- Release one of the catches (5) and raise the side selected as back rest to the desired angle. Be sure the back rest is securely in place in catch.

WARNING



There is a risk of getting squeezed in the catch. Keep this area free when raising/ lowering the back rest.



Handle bars (1) (not on paediatric versions)

Bolero has two foldable handle bars as standard equipment.
During transport and bath:

- Lower the handle bar that is placed at the longest distance from the resident's waist.



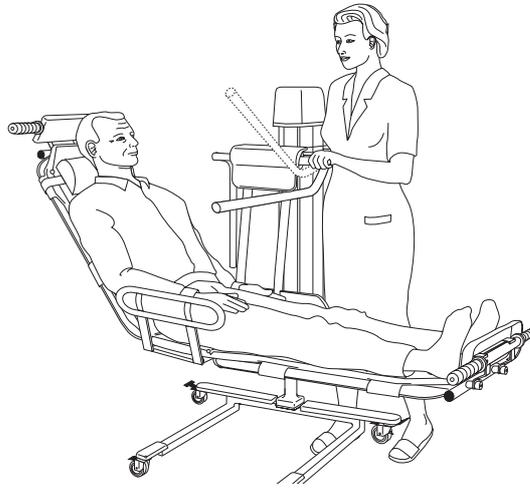
Storage (2)

- When not used, store *Bolero* with the back rest and footrest (A) in their upper positions.
- Raise the back rest and footrest. Check that the catches (B) are in place and that the rests are locked.

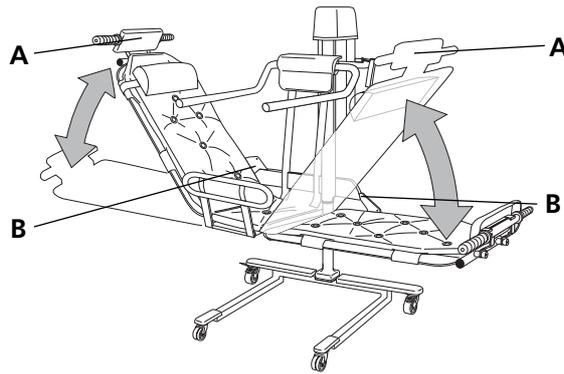
Adjustment of stretcher length (3)

- Shorten the stretcher:
Undo the head/foot support (A) and the screws (B).
- Turn the support(s) 180°.
Fasten the head/foot support and the screws.

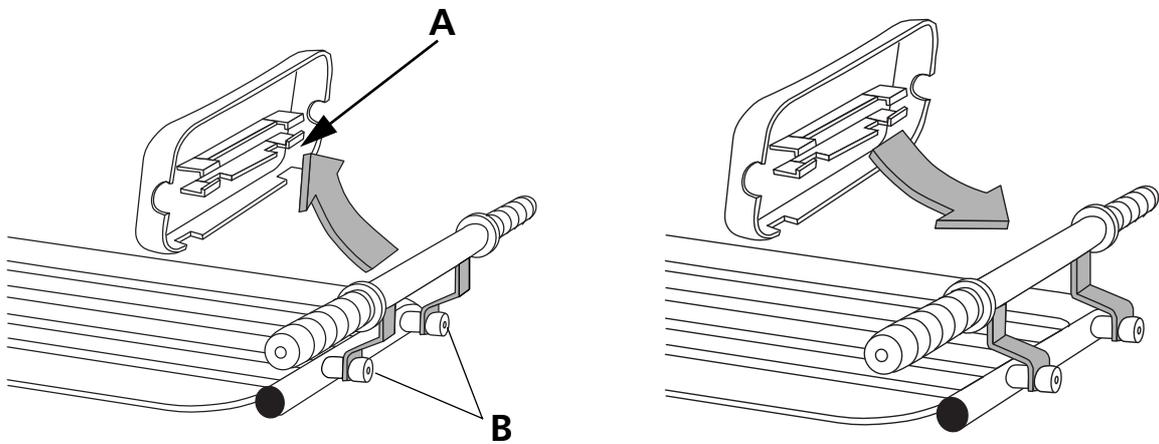
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Mattresses (1)

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

Safety straps (2)

Bolero has two safety straps as standard equipment.

The chest strap is attached to the knob on the side of the stretcher. Pass it over the resident's chest, behind the back rest and attach to the knob in back.

The hip strap is attached to the knob (A). Place it on the stretcher, over the resident's hips and attach it to the knob in back (B).

Brakes (3)

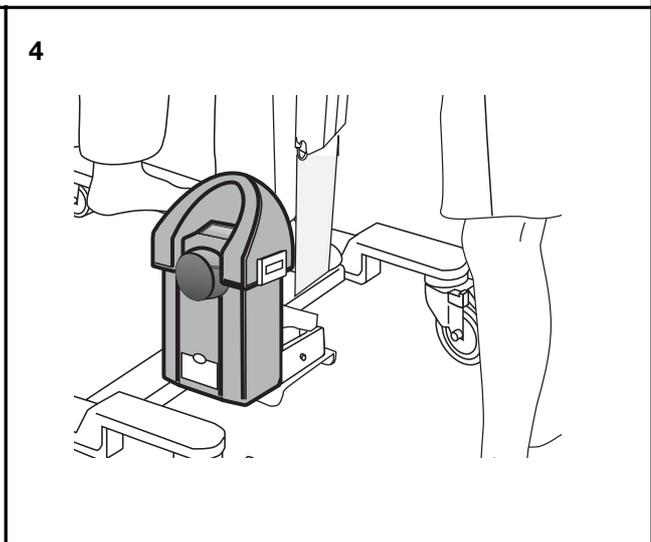
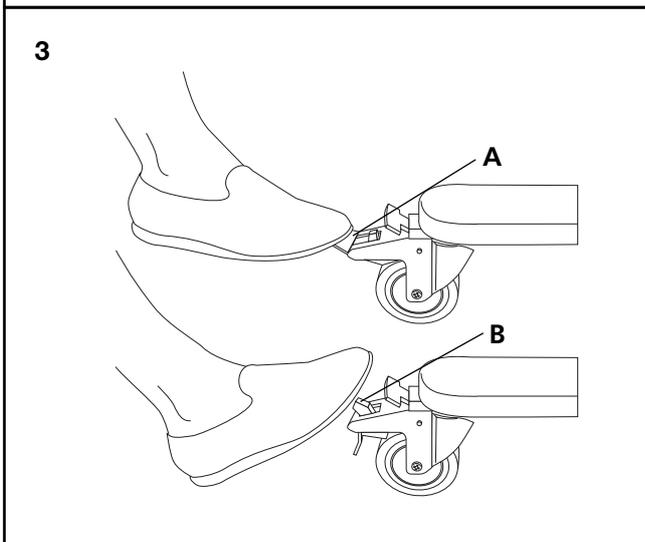
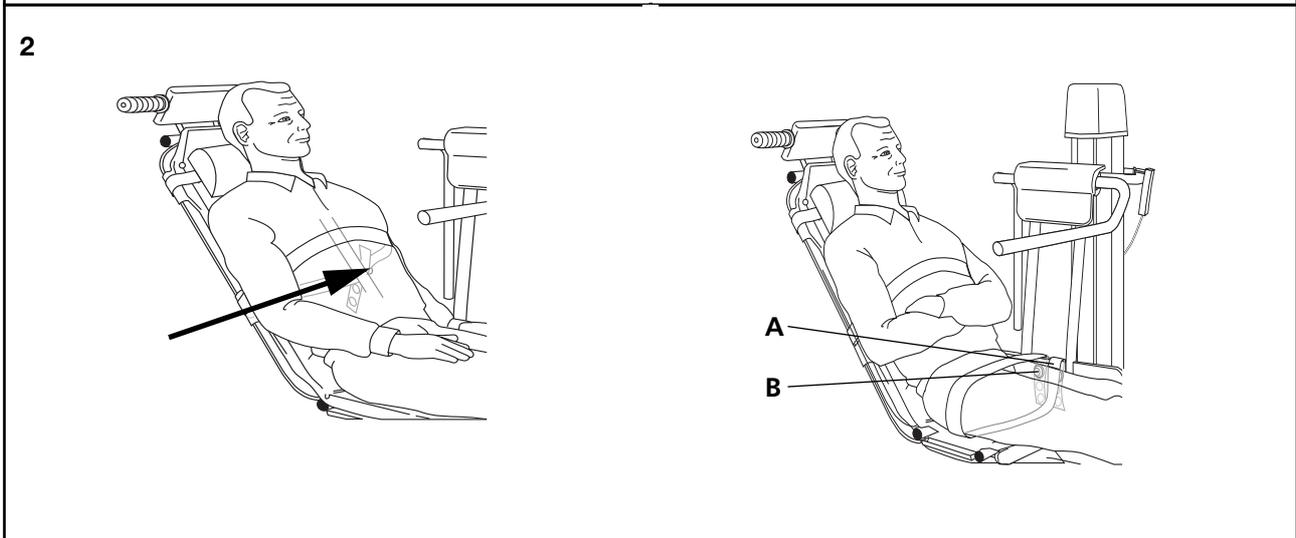
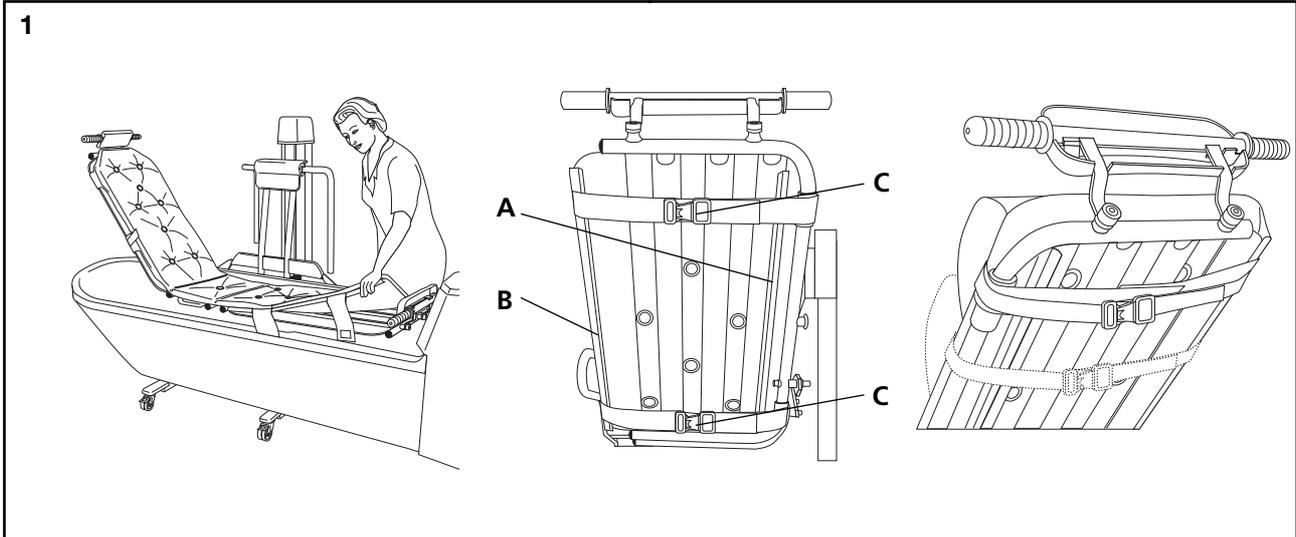
The castors will brake by pressing the castor lock tab (A) with your foot.

The castors are released by pressing down the centre tab (B).

Scale (4)(optional)

The scale is situated on the chassis.

See the separate scale instruction.



Emergency Stop (1)

If, for any reason, *Bolero* does not respond to the control buttons, you can quickly stop lift movement by pressing the button on the battery and disconnect it **(1)**.

Contact your local ArjoHuntleigh representative before re-using *Bolero*.

Emergency High/Low (2-3)

If, for any reason, *Bolero* does not respond to the control buttons, raise or lower *Bolero* by using the Emergency High/Low.

- a Unplug the hand control **(2)**.
- b Control *Bolero* by pressing a blunt, thin object into the holes at the panel. (i.e. a pen) **(3)**.
 - Press it into the hole next to the "up arrow" in order to raise *Bolero*.
 - Press it into the hole next to the "down arrow" in order to lower *Bolero*.

NOTE

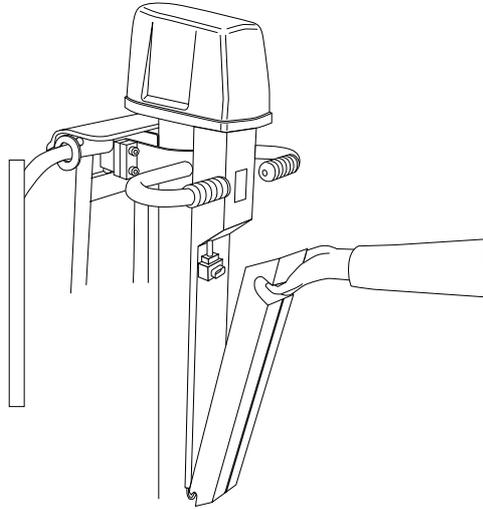
A continuous beeping sound is heard during action "up" and "down".

Contact your local ArjoHuntleigh representative before re-using *Bolero*.

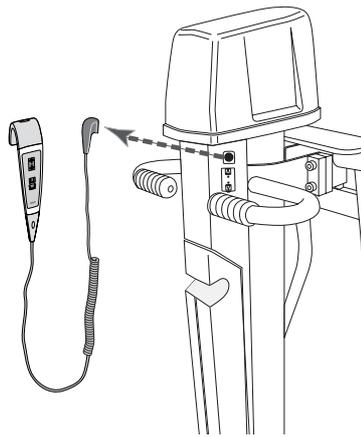
CAUTION

Do not use an object with sharp tip when pressing in the holes.

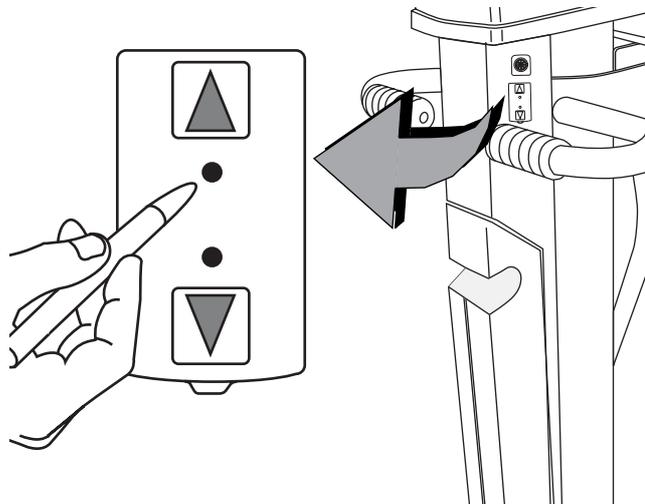
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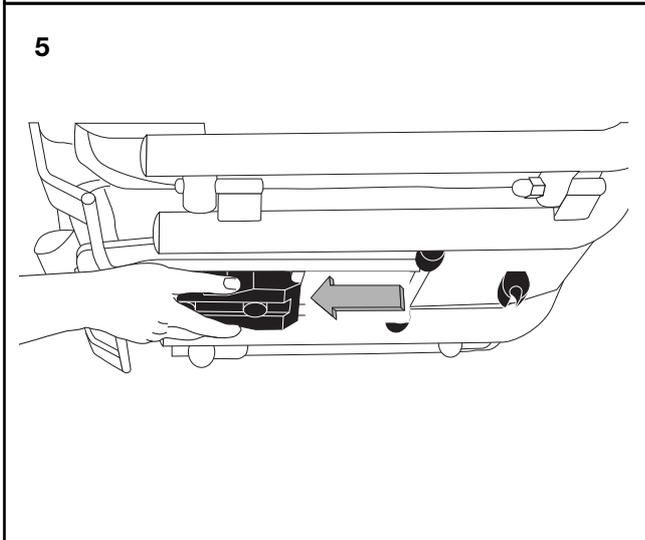
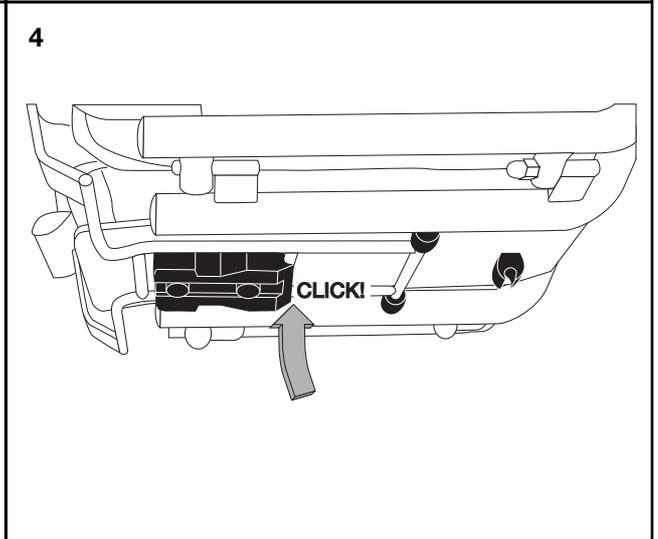
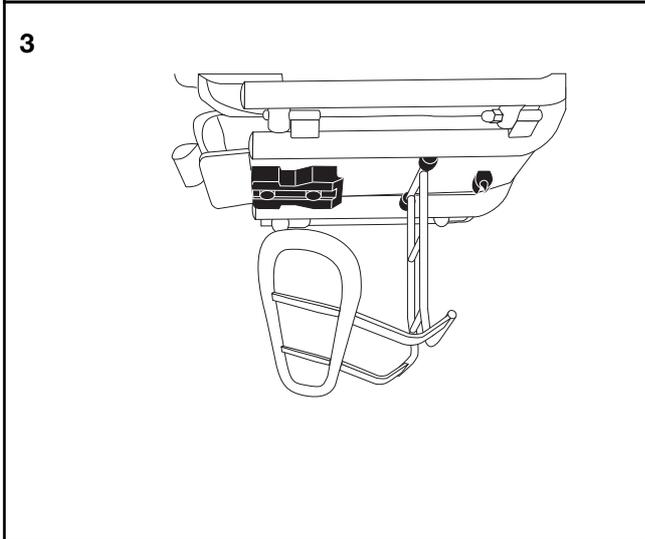
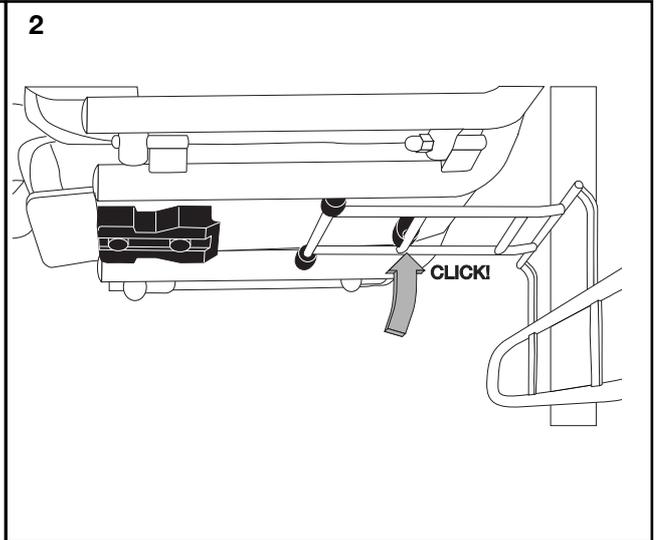
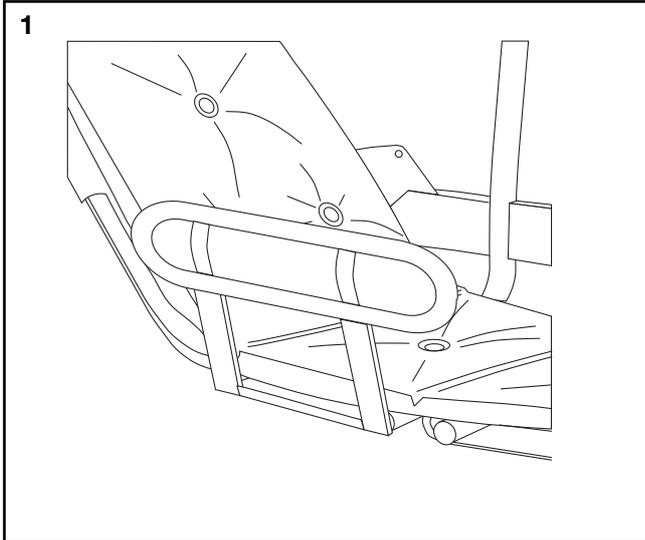


Side Support (Accessory)

Bolero can be equipped with a foldable side support. To facilitate the usage of the side support, the Velcro straps on the middle part of the mattress have to be cut.

- 1 When used, the side support is in its locked position directly opposite the pillar.
- 2 When not used the side support is attached to the bracket below the stretcher. To use the side support: Release it from its locked position.
- 3 Fold the side support below the stretcher.
- 4 Fasten the side support on the other side of Bolero by firmly pushing it into the holder.
- 5 To fold the side support back again:
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 (see figure). Fold it back below the stretcher and attach it to the bracket on the other side of the stretcher.

Always make sure the side support is securely attached to both of its two locked positions.



Transferring the resident

From bed

- 1 Choose the appropriate end of Bolero to act as back support and fasten the pillow there.
- 2 Attach the hip strap to the knob and pass it straight over the stretcher so that it hangs over the floor.
- 3 Roll the resident to their side.
- 4 Move Bolero in over the bed as close as possible to the resident and lower so that it is resting firmly on the bed.
- 5 Brake both castors.
- 6 Roll the resident over onto the stretcher.
- 7 Raise the back rest to desired angle (with the back part of the bed if necessary). Check that the catch is in place and the back rest is locked.
- 8 Fasten the chest strap.
- 9 Raise the stretcher a little, pull out the hip strap and fasten it. Lower the handle bar.
- 10 Release the castor brakes and pull Bolero out from the bed.
- 11 Lower Bolero to a comfortable height and hold the transport handles during transport.

WARNING

To avoid risk of injury, ensure the resident keeps his/her hands on the hand rest or towards the chest when raising, lowering and transporting a Bolero.

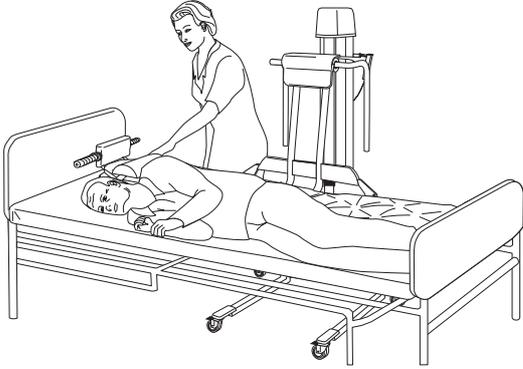
WARNING

Always pay close attention to the resident during transferring, transport and bathing.

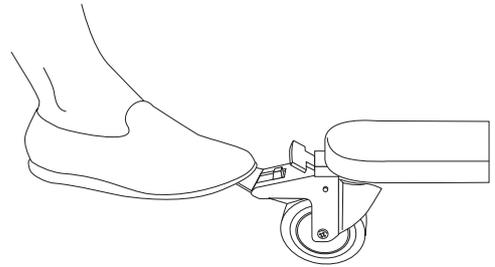
To bed

To transfer resident back to bed, perform “Transfer from bed” in reverse order.

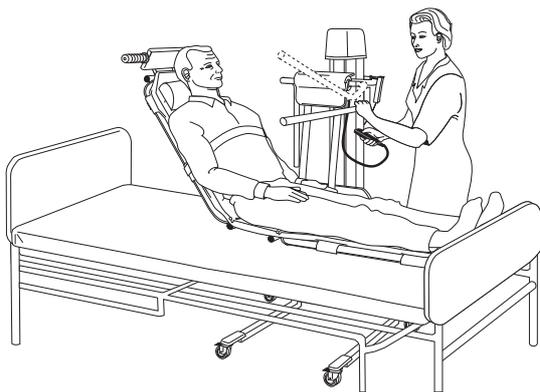
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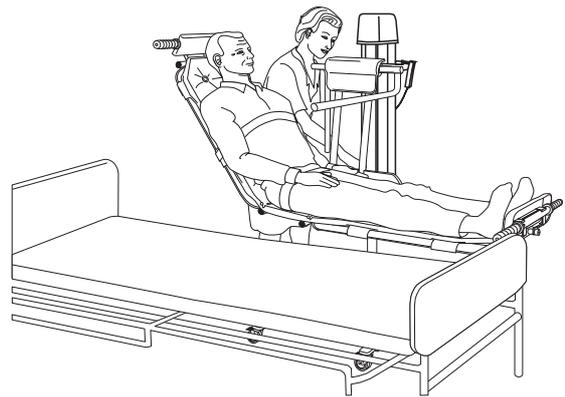
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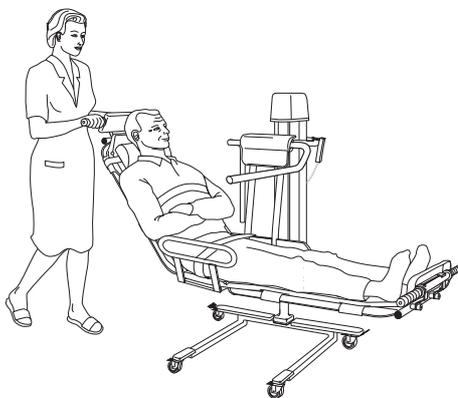
6 - 8



9



11



Bathing the resident

First read the separate instructions for your bath equipment.

NOTE

Read safety instructions on page 5-6 before bathing.

WARNING

To avoid risk of injury, ensure the resident keeps his/her hands on the hand rest or towards the chest when raising, lowering or transporting a Bolero.

- 1 Raise Bolero to clear the edge of the bath and move the resident in over the bath.
- 2 Brake the castors.
- 3 Raise the bath tub to a comfortable height, if bath tub is adjustable.
- 4 Lower Bolero so that it is resting against the bottom of the bath.
- 5 Remove the chest strap and loosen the hip strap.
- 6 Bathe the resident.
- 7 After bathing, fasten the hip strap and the chest strap. Lower the bath tub, so that Bolero is above the water and give the resident a quick shower.
- 8 After drying, release the castors and return the resident to their room on Bolero.

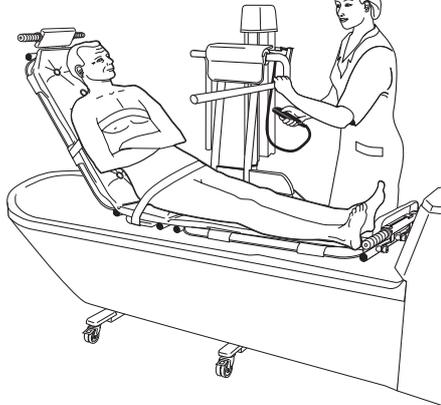
WARNING

Never leave the resident unattended at any time, particularly when Bolero is in a raised position.

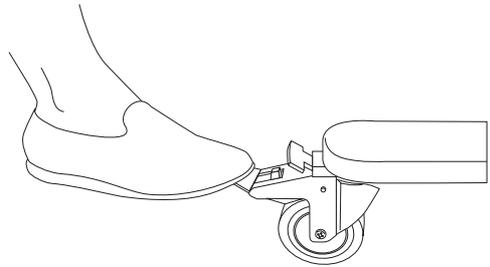
WARNING

Before lifting Bolero out of the water after a bath, re-position the resident if needed to ensure that the resident is sitting upright in the centre of the stretcher

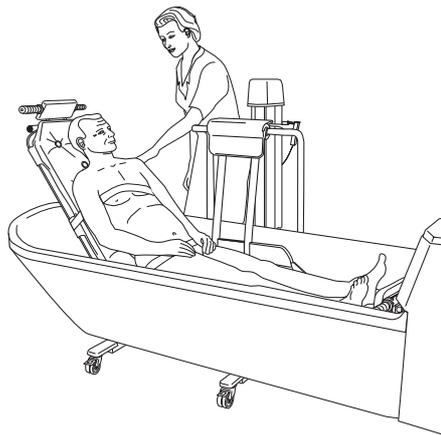
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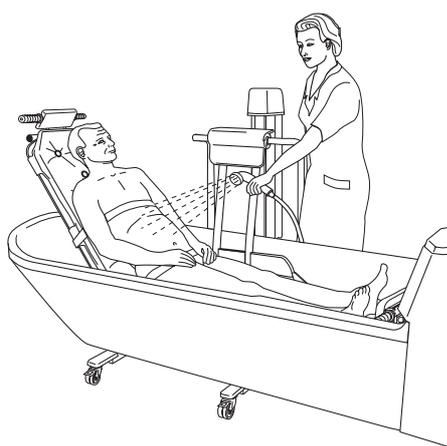
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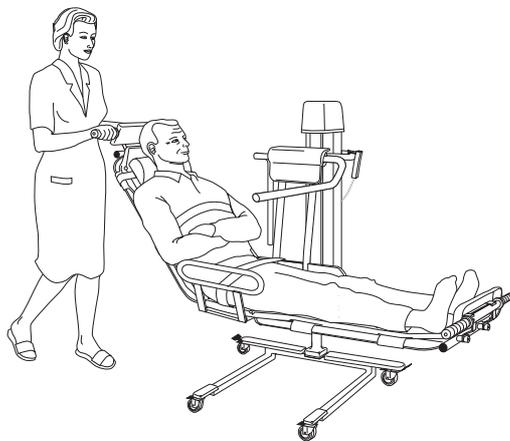
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7



8



Battery and Battery charger

Installation

- The battery charger is designed for dry surroundings and may not be installed in bathrooms or any other wet areas.
- Fix the battery holder to a suitable wall within reach from a standard power outlet where the charger is to be plugged in. Use four fixing screws (not enclosed) suitable for the wall and with documented capacity of load (1).
- The battery charger is not allowed to be used in a highly trafficated area of the residents.

Charging batteries

- The charger converts mains voltage to low DC voltage.
- The charger must only be used for Arjo-Huntleigh's battery type NDA 0100.
- The charger is ready for use as soon as it is plugged in.
- There is no On/Off button on the charger. Disconnect the mains by unplugging the charger.

CAUTION

The battery is heavy – be careful not to drop it on your feet/floor!

- 1 Place the battery in the charger as shown.
- 2 The indicator lamp (A) shows yellow light during charging
- 3 The indicator lamp shows green light when the battery is fully charged.

NOTE

If your Bolero is equipped with a scale; Do not leave anything on the seat that could disturb the zero range when reconnecting the battery after charging.

Charging intervals

- To prolong life of batteries, charge at regular intervals.
- If the lift is used frequently, its recommended to use two batteries, one in operation and one in the charger.
- It is recommended that batteries not in use are left in the charger, there is no risk of overcharging the batteries.

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.

Maintenance

- The charger does not require any maintenance.
- In case of a malfunction don't attempt to open the charger-cover.
- All repairs must be carried out by ArjoHuntleigh authorised personnel.

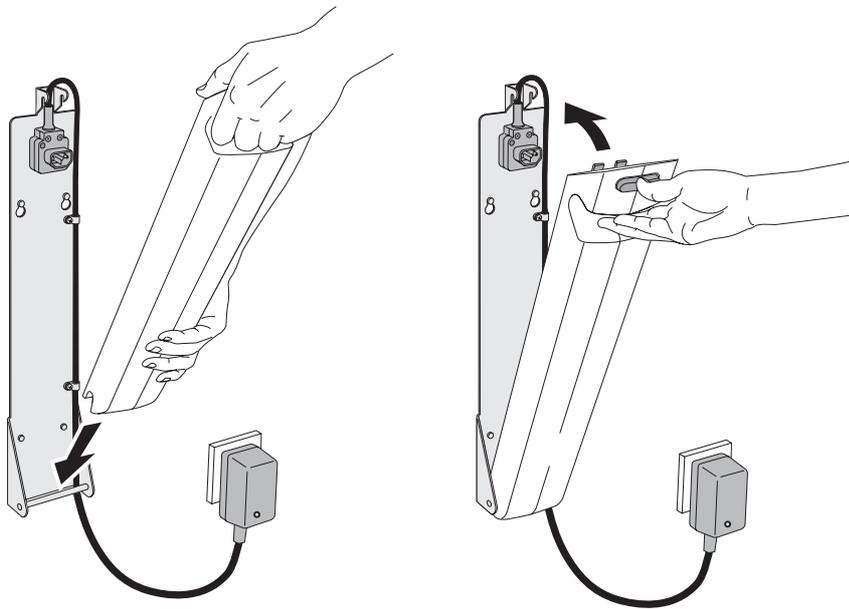
Storage of batteries

- Batteries are charged when delivered but we recommend you to recharge the batteries when received due to a slow self discharge.
- The batteries will slowly self discharge when not used
- Batteries that will not be used for a longer period should be kept in a cool place, not under 0 °C (32 °F) and not over room temperature + 25 °C (77 °F).

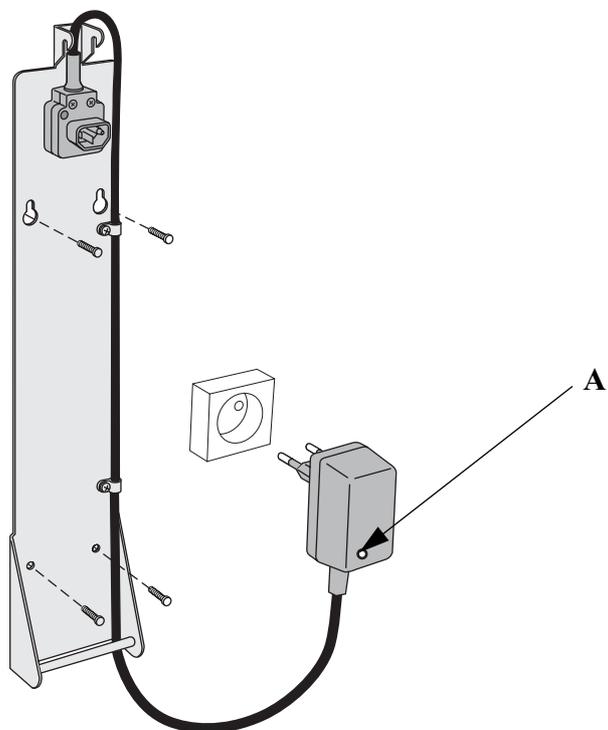
NOTE

Batteries that are charged for the first time or after a longer storage period must be charged until the indicator lamp turns green.

1



2



Disinfection/Cleaning instructions

Only use ArjoHuntleigh branded disinfectant cleansers.

If you have any questions regarding disinfecting the equipment, or wish to order cleaning fluid, contact ArjoHuntleigh Customer Service.

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

WARNING

Always use protective gloves and protective glasses when handling concentrated cleaning agents. Avoid getting the cleaning agent on your skin or in your eyes. If this does occur, rinse thoroughly with plenty of water. Seek medical advice if irritation occurs. Always consult the material safety data sheet for the disinfectant cleanser.

WARNING

Do not use phenol, citric acid or petroleum-based solvents, trichloroethylene, chlorine and hydrogen peroxide or similar cleaning agents as these may damage the plastic material.

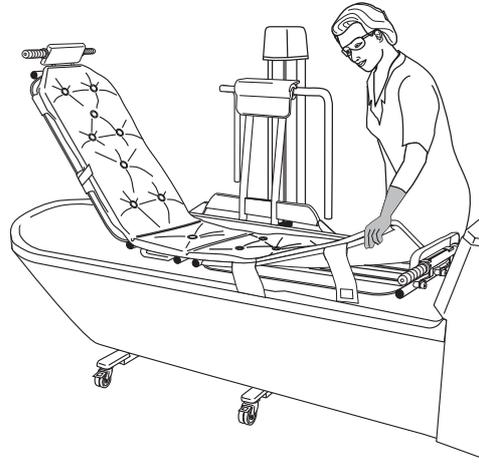
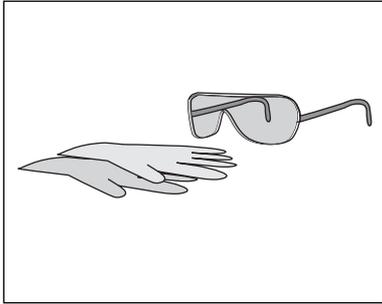
Steam, ethylene oxide sterilization or high pressure washing can not be used either.

- 1 Drain bath water and move *Bolero* in over the bath tub. Remove the mattress (see instruction on page 9) and place in the bottom of the tub. If applicable, the safety straps can be disinfected together with *Bolero* mattresses.
- 2 Most ArjoHuntleigh bath equipment is supplied with a disinfectant spray handle, read respective instructions on how to adjust and use it. Spray *Bolero* with disinfectant from the disinfection spray handle. A spray bottle containing disinfectant may also be used.
- 3 Scrub the mattresses and frame with a cloth or disposable towel. Be sure the underside of *Bolero* has been cleaned and disinfected.
- 4 Allow minimum two minutes for the disinfectant to work.
- 5 Rinse with cold water.
- 6 Dry *Bolero* parts with a clean towel and reassemble.

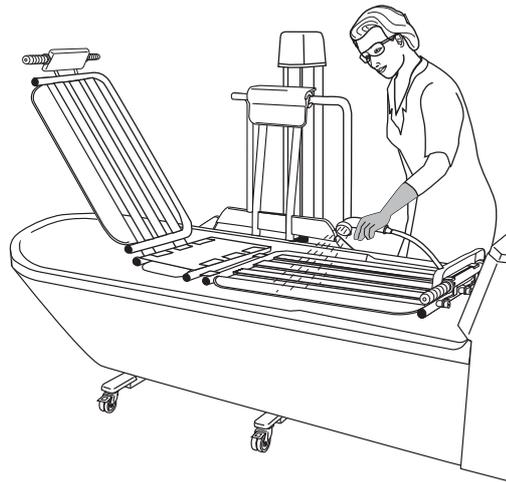
Cleaning of Safety Straps

The safety straps can also be washed with soap and water at a temperature of 60-80 °C (140-176 °F).

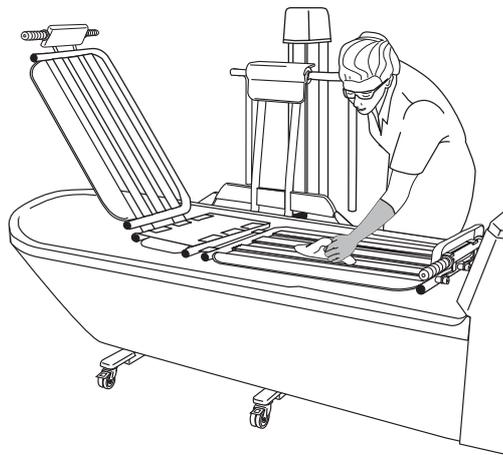
1



2



3



Trouble shooting

Trouble shooting- Bolero

Problem	Action
Using the lift	
The lift continues to raise or descend after the hand set button is released	Activate the red emergency stop button and pull the battery out - remove the resident from the lift and call for authorised service
The lift does not raise or descend when the hand set button is pressed	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 Warning: Do not leave the resident unattended while doing this! 4. Use the emergency lowering to descend the resident. call for authorised service as soon as the resident is removed from the lift.
The lift is hard to manoeuvre during transport.	1. Make sure all brakes are released 2. Make sure all castors roles and turns freely - if not, remove the resident from the lift and call for authorised service
The lift is making abnormal sounds during lifting or transport	Remove the resident from the lift and call for authorised service
The lift beeps shortly once every minute when not operated	Contact ArjoHuntleigh technical service personnel

Care and Preventive Maintenance

Bolero is subject to wear and tear, and the following actions must be performed when specified to ensure that the product remains within its original manufacturing specification

WARNING

The points on this checklist are the minimum the manufacturer recommends. In some cases due to heavy use of the product and exposure to aggressive environment, more frequent inspections should be carried out. Continuing to use this product without conducting regular inspections or continuing to use this product when a fault is found will seriously compromise the user and residents safety. Local regulations and standards may be higher than the manufacturers. Preventive maintenance specified in this manual can prevent accidents.

PREVENTIVE MAINTENANCE SCHEDULE BOLERO

CAREGIVER OBLIGATIONS Action/Check	Every DAY	Every WEEK	Every YEAR
Cleaning/Disinfection	X		
Visually check all exposed parts		X	
Visually check mechanical attachments		X	
Check hand control and cable		X	
Check/clean castors		X	
Check mattress/pillows		X	
Visually check battery charger and battery		X	
Visually check the safety belt		X	
Check the side support holder (accessory)		X	
Perform a functionality test		X	

WARNING

The following actions must be carried out by qualified personnel, using correct tools and knowledge of procedures. Failure to meet these requirements could result in personal injuries and/or unsafe product.

QUALIFIED PERSONNEL Action/Check	Every DAY	Every WEEK	Every YEAR
Lubricate inner profile			X
Check battery and battery charger			X
Check all vital parts for corrosion/damage			X
Perform full feature functionality test			X
Check mechanical attachments			X
Check that the latest updates have been implemented			X
Check the safety stop function			X
Perform a safe working load test, (local requirements)			X
Inspect castors			X
Check emergency Hi/Low function			X
Check scale calibration			X
Check batteries for the scale			X
Check function of emergency stop			X

NOTE

All Caregiver Obligations are to be checked when performing the Qualified Personnel Service.

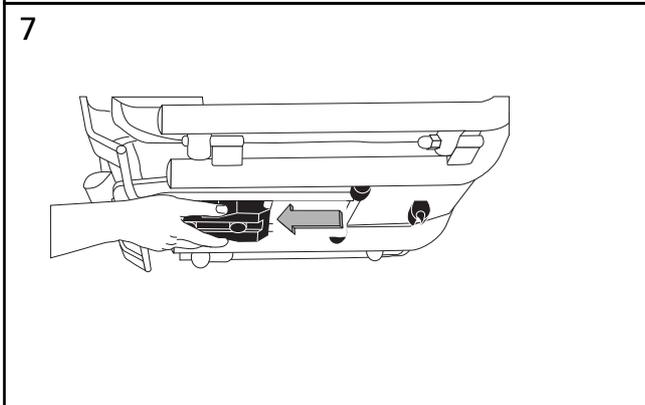
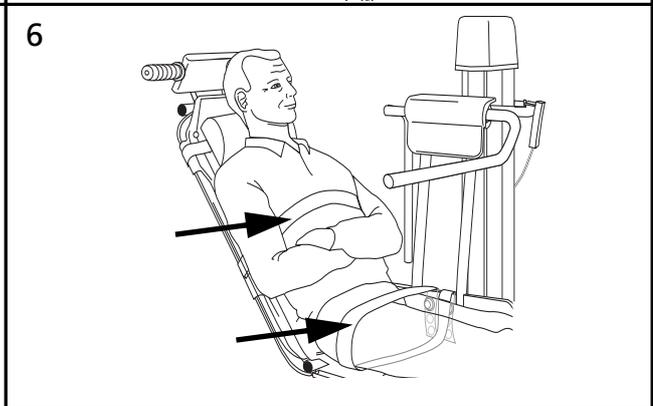
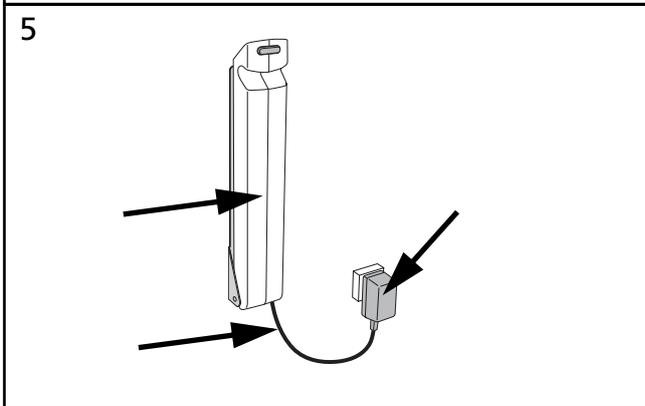
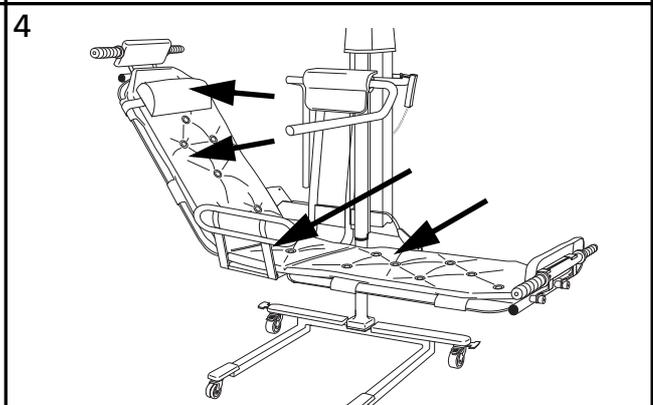
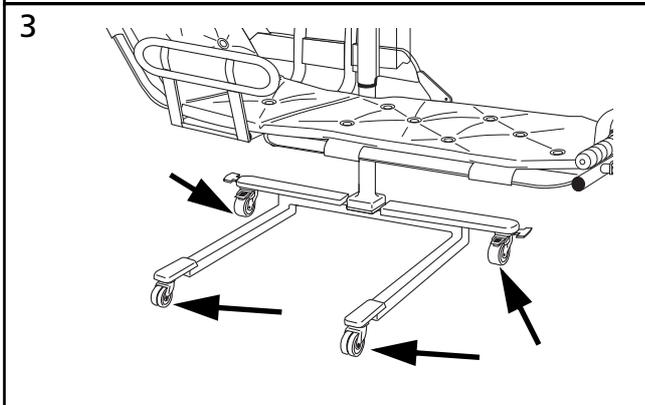
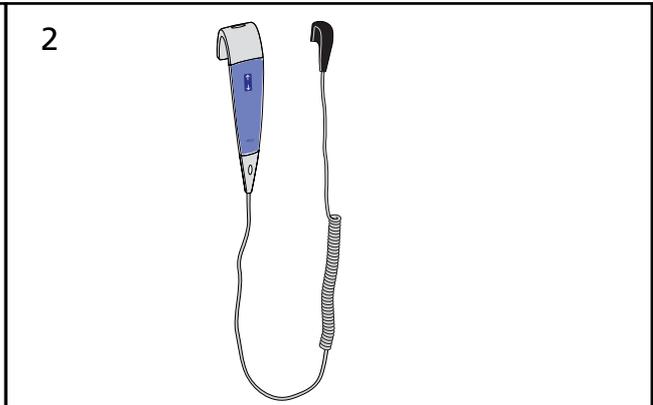
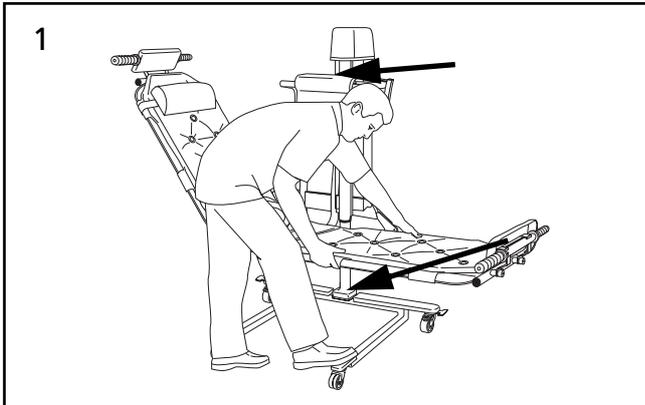
Caregiver obligations shall be carried out by personnel with sufficient knowledge following the instructions in this manual.

Every day

- **Cleaning/Disinfecting**
Bolero has to be cleaned immediately after every use. ArjoHuntleigh cleaning agents should be used in recommended concentrations as labelled on the disinfection bottle.
Every week
- **Visually check all exposed parts**, especially where personal contact is made by either the resident or caregiver. Make sure no cracks or sharp edges have developed that could cause the resident or user injury or that has become un-hygienic. Replace damaged parts.
- **Visually check the mechanical attachments** by placing a foot on the chassis and pull the stretcher upwards with both hands. No gaps are allowed **(1)**
- **Check hand control and cable**: Visually check the condition of the hand control and its cable **(2)**
- **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) **(3)**.
- **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 **(4)**
- **Visually check the condition of the battery charger**, its cable and the battery. Withdraw and replace immediately if damaged **(5)**.
- **Visually check the safety straps**. Check the complete length for fraying, cuts, loose stitching. If the belt is found damaged, replace it **(6)**.
- **Check the function of the side support holder** (accessory) by pulling the holder towards you, when letting go the holder shall lock securely **(7)**
- **Perform a functionality test**.
Test up/down motion by pressing up/down button.
Test emergency Hi/Low.

Yearly

Bolero has to be serviced according to the Preventive Maintenance Schedule (Qualified Personnel Action/Check).



Technical specifications

Bolero Model CEB 6000 (Hydraulic)

Lifting capacity	136 kg (300 lb.)
Weight	59,6 kg (130 lb.)

Bolero Model CEB 60XX (Electric)

Lifting capacity	136 kg (300 lb.)
Weight	68 kg (150 lb.)
Medical equipment	type  (IEC Publication 417)
Power source	Battery No. NDA 0100
Protection class	IP X4
Fuse	F1 F10AL 250 V
Insulation Class	Class II Equipment
Sound level	< 65 dBA
Mode of operation	ED max 10%; Max 1 min. ON, Min. 9 min. OFF
Operating forces of controls	2.7N

Bolero Model CEB 6100 (Hydraulic, paediatric)

Lifting capacity	136 kg (300 lb.)
Weight	58 kg (128 lb.)

Bolero Model CEB 61XX (Electric, paediatric)

Lifting capacity	136 kg (300 lb.)
Weight	66,4 kg (146 lb.)
Medical equipment	type  (IEC Publication 417)
Power source	Battery No. NDA 0100
Protection class	IP X4
Fuse	F1 F10AL 250 V
Insulation Class	Class II Equipment
Sound level	< 65 dBA
Mode of operation	ED max 10%; Max 1 min. ON, Min. 9 min. OFF
Operating forces of controls	2.7N

Transport, storage and operation (Applies to all Bolero models except the chargers)

Ambient temperature range	-25°C to +60°C (-13°F to +140°F) Transport -25°C to +30°C (-13°F to + 86°F) Storage +10°C to +40°C (+50°F to +104°F) Operation
Relative humidity range	10% - 95% Transport and Storage 15% - 100% Operation
Atmospheric pressure range	500 - 1060 hPa (transport) 700 - 1060 hPa (storage and operation)

Recycling (The device should be recycled according to national regulations)

Battery	Sealed lead-acid. Recyclable. Not for disposal. Environment danger
Package	Wood and corrugated cardboard, recyclable
The Lift	Electric, steel and plastic parts shall be separated and recycled according to marking on the unit

Charger model NDA 1200-EU, NDA 2200-GB, NDA 4200-US, NDA 6200-AU

Voltage, Frequency	230V ±10%, 50-60Hz 100-120V ±10%, 50-60Hz ±10%
Charge voltage and current	28.6 V, 1.2 A, yellow indicator
Standby charge voltage	27.6 V, green indicator
Max power	230V - 0.5 A, 100-120 V - 0,8 A
Weight	250 gram (0.55 pound)
Dimensions	60 x 70 x100 mm (2 3/8"x2 3/4"x 4")
Max Ambient temperature	+ 50°C (+ 122°F)
Max Relative humidity	75%
Max Atmospheric pressure	1060 hPa
Degree of protection	IP 2X
Mode of operation	continuous
Insulation Class	Class II Equipment

WARNING

Stacking or placing other electrical or magnetic equipment adjacent to this device is not recommended, it can interfere with the equipment's operation and safety.

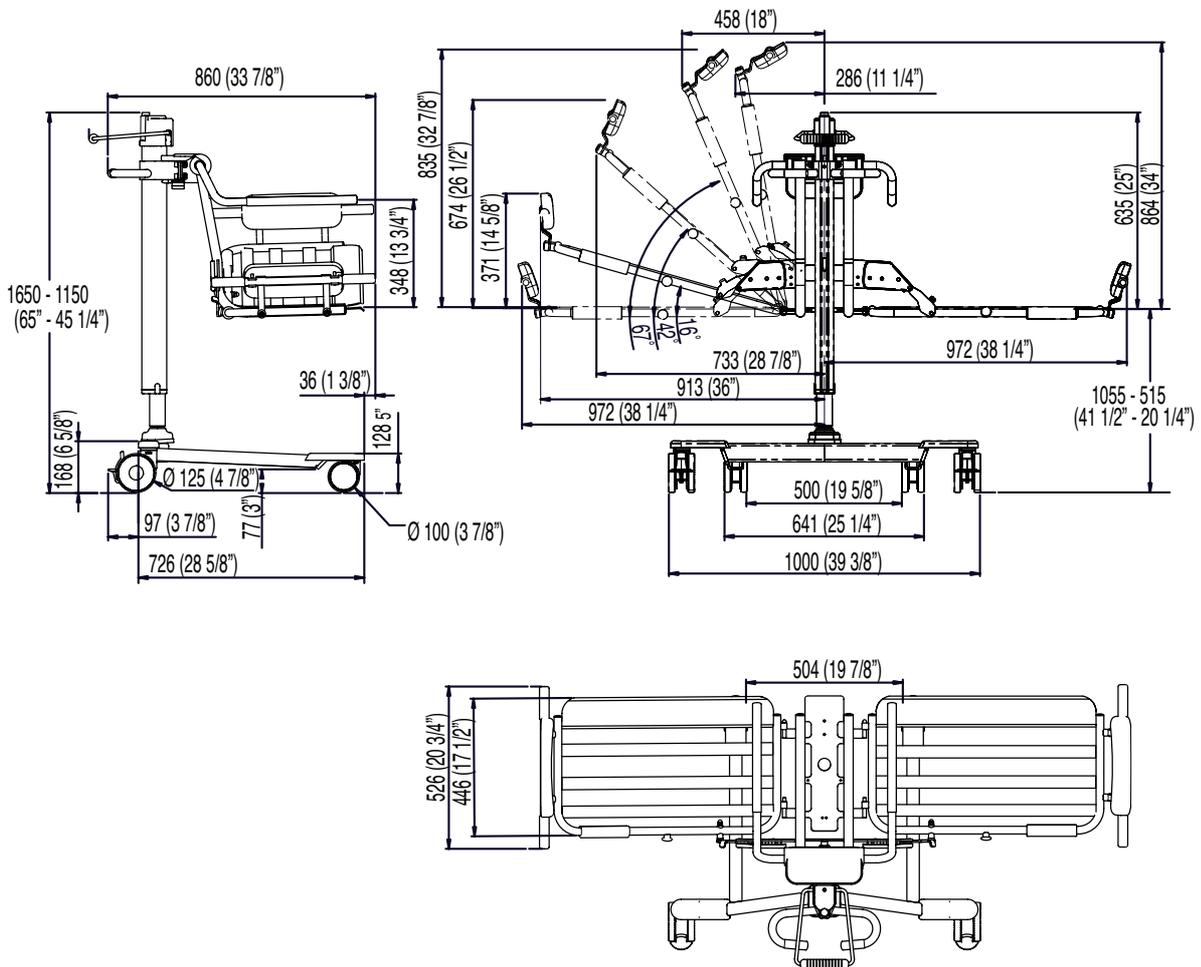
Portable and mobile radio-frequency (RF) communications equipment can interfere with this equipment's operation and safety.

Overall Dimensions

Hydraulic

mm (inch)

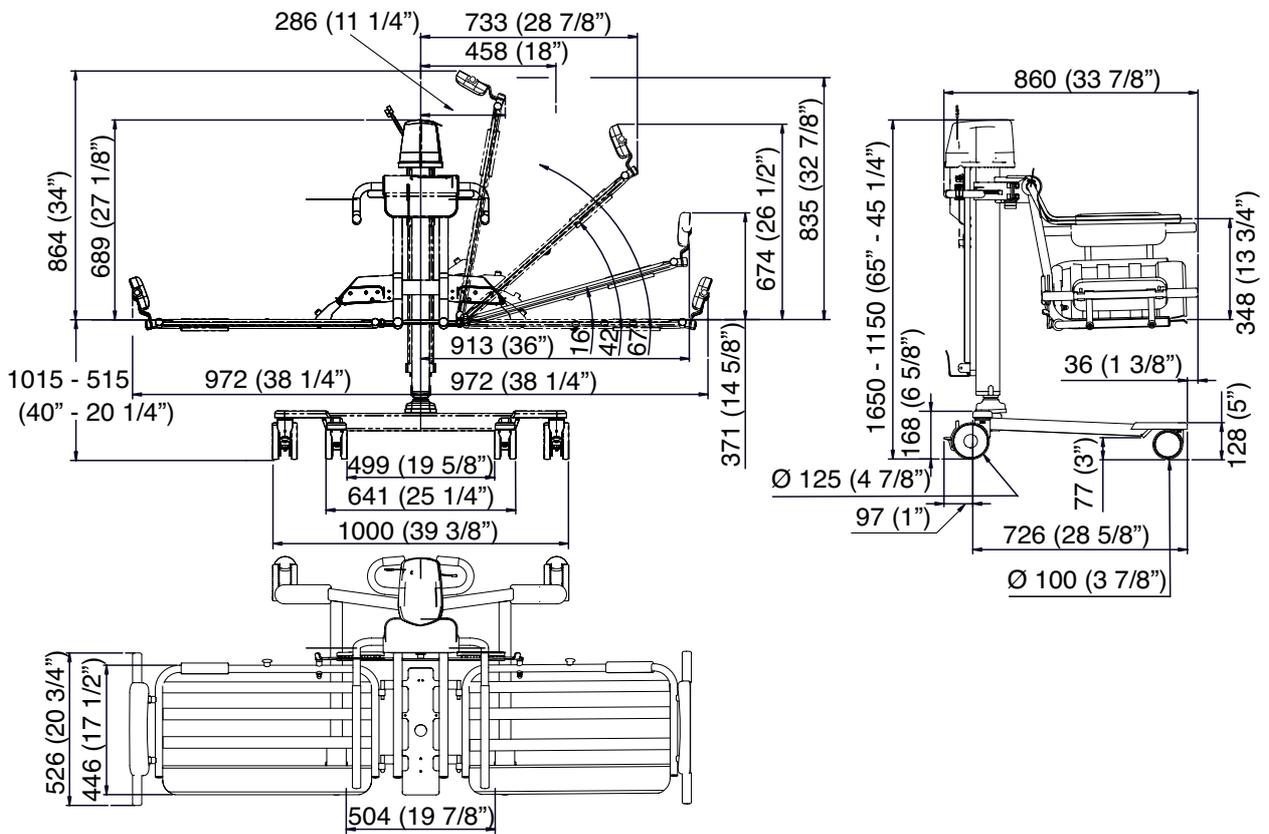
Stroke: maximum 500 mm (19 5/8")



Electric

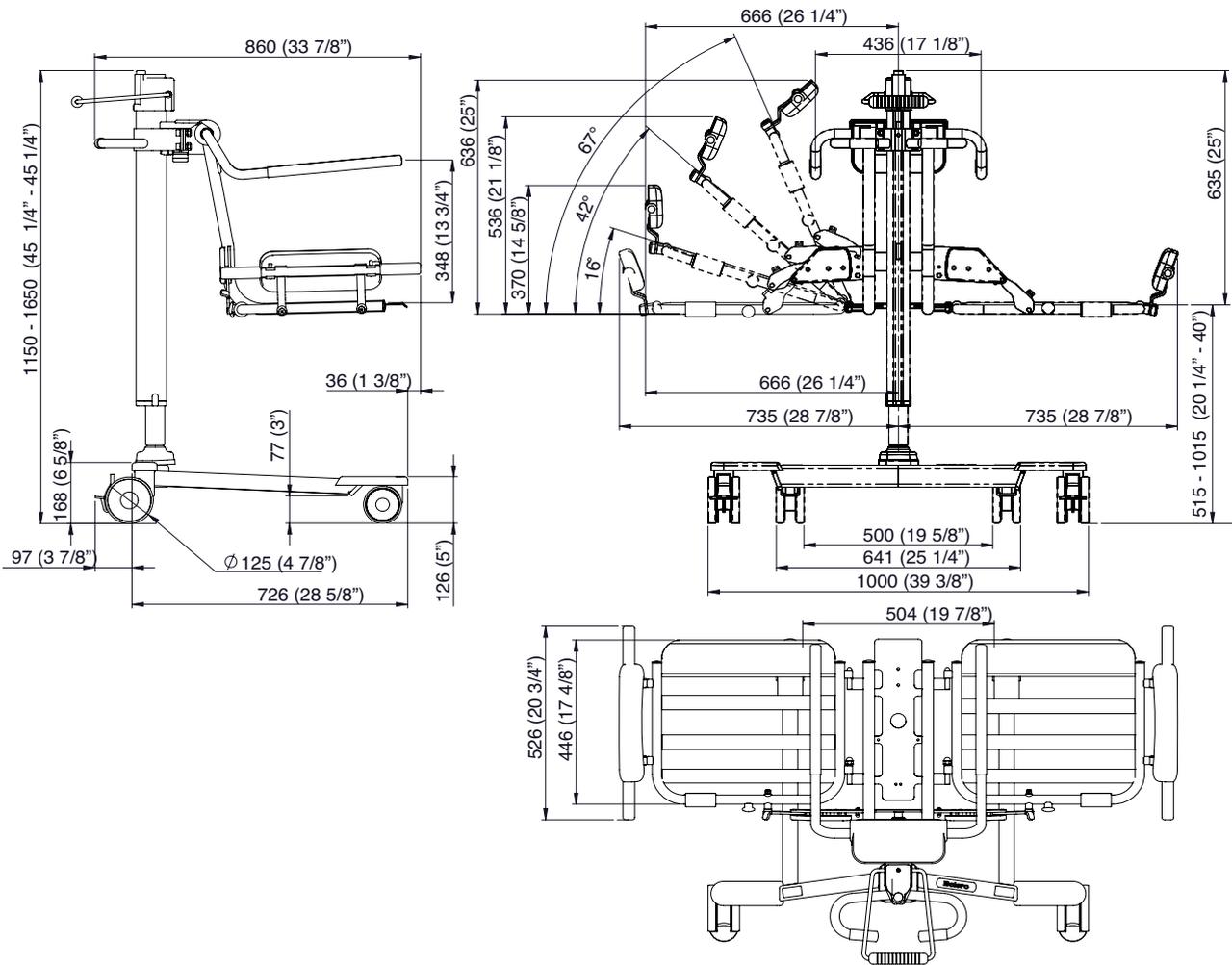
mm (inch)

Stroke: maximum 500 mm (19 5/8")



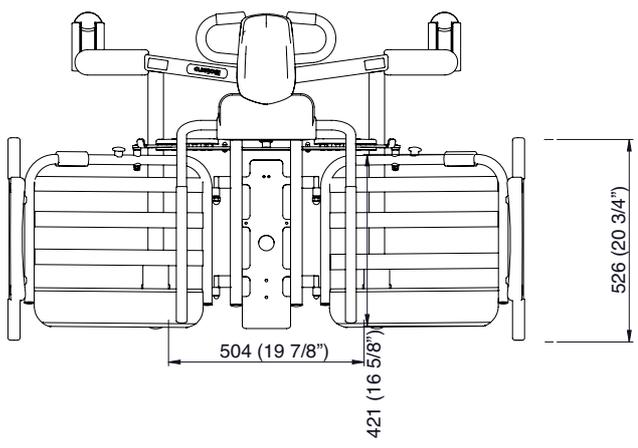
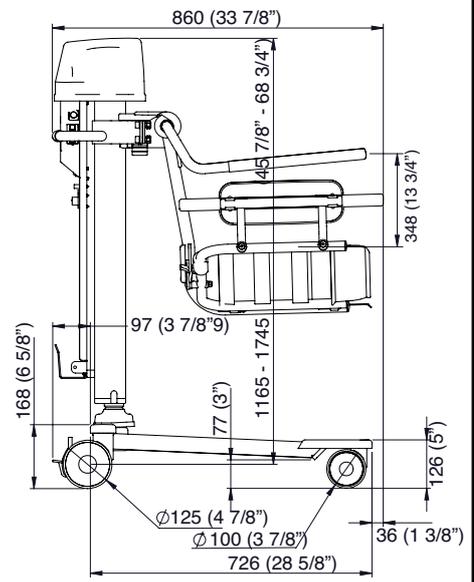
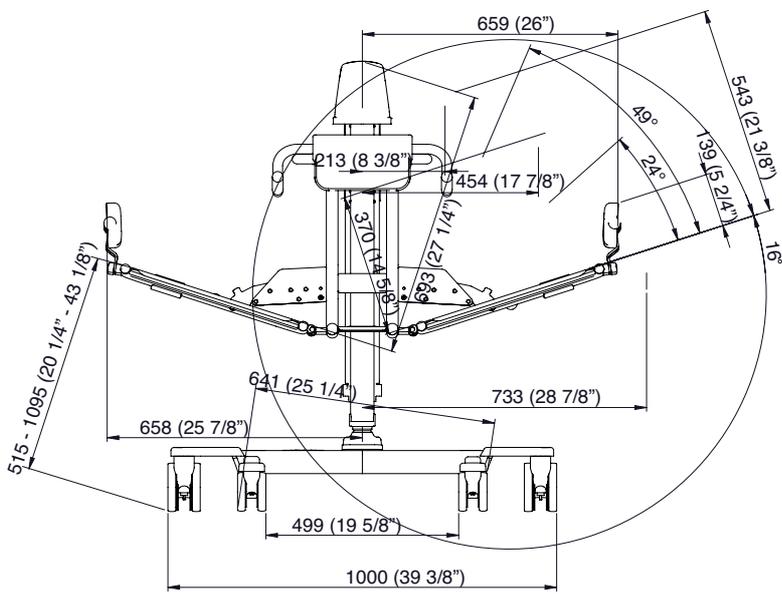
Paediatric Hydraulic

mm (inch)
Stroke: maximum 500 (19 5/8")



Paediatric Electric

mm (inch)
 Stroke: maximum 580 (22 7/8")



Labels on the lift

The data label and the identification label are located on the pillar.

On all Bolero:

Identification label

The identification label states the type of equipment and serial number (see figure).

Attention label

	Read the operation manual before use. (The label is attached below the manoeuvring handle.)
---	--

Approvals

CE marking in accordance with the Directive 93/42/EEC (The Medical Devices Directive).

	CE marking in accordance with the Directive 93/42/EEC (The Medical Devices Directive).
	Classified by Underwriters Laboratories Inc. with respect to electric shock, fire, mechanical hazards and other specified hazards only in accordance with UL 60 601-1 and CAN/CSA - C 22.2 No 601.1-M90.
	Certified by TUV product service with respect to mechanical hazard and performance according to ISO 10535

Hydraulic labelling

Data label

SWL	Safe Working Load
	Lifting stroke
	Type B Applied part: protection against electrical shock in accordance with IEC 60 601-1.
	Read the operation instructions before use.

Electrical labelling

The data label and the identification label are located on the pillar.

Data label

SWL	Safe Working Load
	Lifting stroke
= = =	Supply voltage
VA	Max power
	Fuse
IP X4	Protection class - Protection against splashing water.
	Mode of operation for Hi7Lo function: Maximum 1 minute ON and 9 minutes OFF.
	Type B Applied part: protection against electrical shock in accordance with IEC 60 601-1.
NDA0100 24V 4Ah	Product no. of the battery
	Read the operation instructions before use.
	Separate electrical and electronic components for recycling in accordance with the European Directive 2002/96/EG (WEEE)
	Insulation Class II Equipment
	A battery is the power source of this equipment.

Year Month *Running assembly number*

0909XXXXX



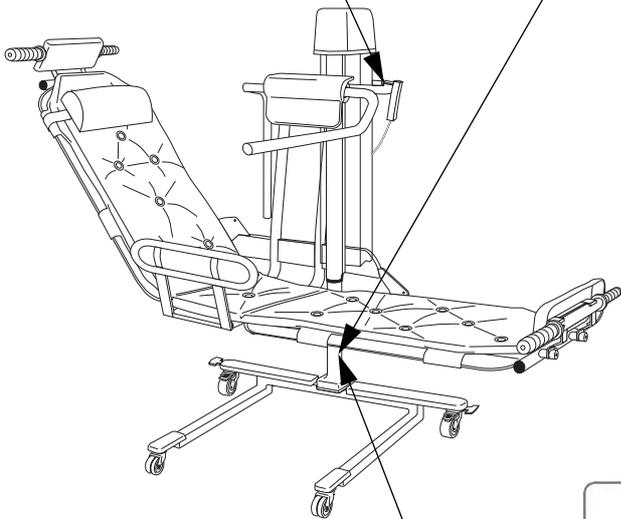
Attention label

Product no
CCB7001-01

Serial no
0909XXXXX

Made by Arjo in Eslov, Sweden
010115

Example of identification label



MODEL: CEB6XX0-XX
Bolero

500 mm SWL Safe Working Load
19 5/8" 136kg / 300 lbs

CE 0086

CLASSIFIED UL US

TUV NRTL US

Read the operating instructions before use
Merci de prendre connaissance de la notice d'utilisation
Lesen Sie bitte die Bedienungsanleitung durch

MADE BY ARJO HOSPITAL EQUIPMENT AB
ESLÖV, SWEDEN

8418747C

Data label
Hydraulic

MODEL: CEB6XXX-XX
Bolero

565 mm SWL Safe Working Load
22 1/4" 136kg / 300 lbs

24V DC Type:

MAX 150 VA
IP X4

F1 F10AL 250V

Mode of operation:
1 min on / 9 min off

Power source No : NDA 0100

24V 4Ah

CE 0086

CLASSIFIED UL US

TUV NRTL US

Read the operating instructions before use
Merci de prendre connaissance de la notice d'utilisation
Lesen Sie bitte die Bedienungsanleitung durch

MADE BY ARJO HOSPITAL EQUIPMENT AB
ESLÖV, SWEDEN

8418748D

Data label
Electrical

Labels on battery and battery charger

Data label

On the charger you will find the following information:

Charger model	NDA 1200-EU (Europe except GB) NDA 2200-GB (Great Britain) NDA 4200-US (USA, Canada and Japan) NDA 6200-AU (Australia)
Mains supply	230V, 50-60Hz ±10% 100-120V, 50-60Hz ±10%
Maximum rated power	230V - 0.5 A 100-120 V - 0,8 A
Output data	28.6 V 1.2 A- yellow 27.6V thereafter - green
NDA0100	ArjoHuntleigh battery intended for this charger
	Insulation Class II
 	Read the operation manual before use
IP 2X	Use in dry areas
	For indoor use only
	Separate electrical and electronic components for recycling in accordance with the European Directive 2002/96/EG (WEEE)

Approval label

	CE marking in accordance with the Directive 93/42/EEC (The Medical Devices Directive). The equipment has been EMC-tested and fulfils all requirements according to IEC 60601-1-2. Classified with respect to electric shock, fire mechanical and other specified hazards only in accordance with UL60 601-1 and CAN/CSA C22.2 No 601.1-M90 including measuring device.
---	---

	Recognized by Underwriters Laboratories Inc. with respect to electric shock, fire, mechanical hazards and other specified hazards only in accordance with UL 60 601-1 and CAN/CSA - C 22.2 No 601.1-M90.
---	--

Identification label

The identification label states the product and serial number and the manufacturing country.

Battery label

	Environmental danger. Not for disposal
	Recyclable

CAUTION

- AVOID SHORT CIRCUIT
- DO NOT CHARGE IN A SEALED CONTAINER
- KEEP SPARKS, FLAME AWAY



SEALED LEAD BATTERY
MUST BE RECYCLED OR
DISPOSED OF PROPERLY

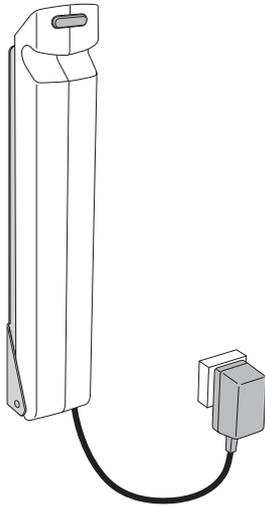
9418254

Battery label

Serial No. SE 1499 0001

Made in Norway for:
Arjo Hospital Equipment AB
Eslöv Sweden

*Identification label
on the battery charger*



Year Month *Running
assembly
number*

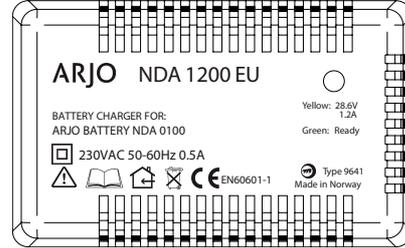
0909XXXXX

Product no
CCB7001-01

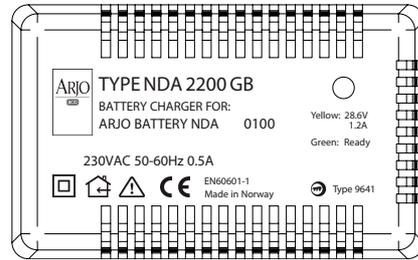
Serial no
0909XXXXX

Made by Arjo in Eslöv, Sweden
010115

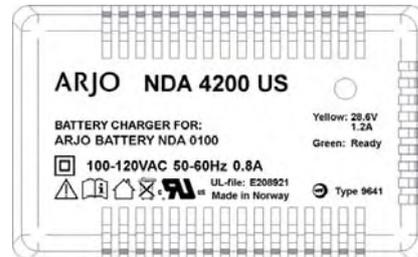
Identification label



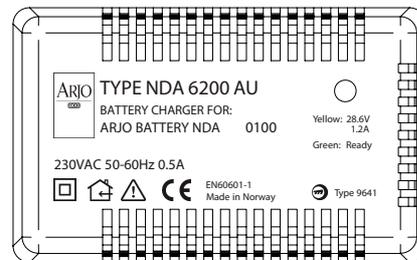
Data / Approval label EU



Data / Approval label GB



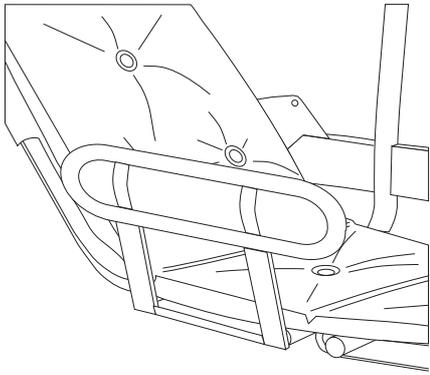
Data / Approval label US



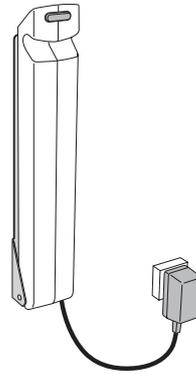
Data / Approval label AU

Accessories

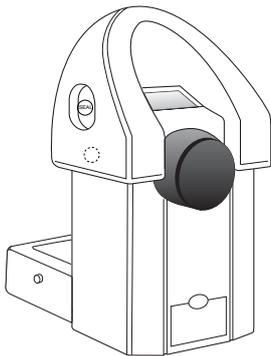
Side support



Battery charger 24 V



Scale



Disinfectant / Cleaner





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FM 24321 ISO 9001
MD 87841 ISO 13485



7000202

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