BOLERO
Instructions for Use

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September 2009
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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.

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 lifetime 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.

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 comply with established biocompatibility standards and have been tested accordingly (ISO 10993-5).

NOTE
Modifications made to the equipment without expressed written consent of Arjo-Huntleigh will invalidate the supplier’s product liability.
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 should be moved in the correct direction, i.e. along the stretcher, during resident transportation.

• 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.).

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 spacers 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
2  3-part mattress
3  Pillow
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)
15 Pillar (Hydraulic)
16 Side Support (Accessory)
17 Safety straps (not illustrated)
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.

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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.

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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.
**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.
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.
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 loosen the hip 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, reposition the resident if needed to ensure that the resident is sitting upright in the centre of the stretcher.
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 trafficked 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.

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).

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.

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

### Trouble shooting- Bolero

<table>
<thead>
<tr>
<th>Problem</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using the lift</td>
<td></td>
</tr>
<tr>
<td>The lift continues to raise or descend after the hand set button is released</td>
<td>Activate the red emergency stop button and pull the battery out - remove the resident from the lift and call for authorised service</td>
</tr>
</tbody>
</table>
| 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**

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

**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.

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

**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

<table>
<thead>
<tr>
<th>Model</th>
<th>Lifting capacity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bolero Model CEB 6000 (Hydraulic)</strong></td>
<td>136 kg (300 lb.)</td>
<td>59.6 kg (130 lb.)</td>
</tr>
<tr>
<td><strong>Bolero Model CEB 60XX (Electric)</strong></td>
<td>136 kg (300 lb.)</td>
<td>68 kg (150 lb.)</td>
</tr>
<tr>
<td><strong>Bolero Model CEB 6100 (Hydraulic, paediatric)</strong></td>
<td>136 kg (300 lb.)</td>
<td>58 kg (128 lb.)</td>
</tr>
<tr>
<td><strong>Bolero Model CEB 61XX (Electric, paediatric)</strong></td>
<td>136 kg (300 lb.)</td>
<td>66.4 kg (146 lb.)</td>
</tr>
</tbody>
</table>

**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)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient temperature range</td>
<td>-25°C to +60°C (-13°F to +140°F) Transport&lt;br&gt;-25°C to +30°C (-13°F to +86°F) Storage&lt;br&gt;+10°C to +40°C (+50°F to +104°F) Operation</td>
</tr>
<tr>
<td>Relative humidity range</td>
<td>10% - 95% Transport and Storage&lt;br&gt;15% - 100% Operation</td>
</tr>
<tr>
<td>Atmospheric pressure range</td>
<td>500 - 1060 hPa (transport)&lt;br&gt;700 - 1060 hPa (storage and operation)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery</td>
<td>Sealed lead-acid. Recyclable.&lt;br&gt;Not for disposal. Environment danger</td>
</tr>
<tr>
<td>Package</td>
<td>Wood and corrugated cardboard, recyclable</td>
</tr>
<tr>
<td>The Lift</td>
<td>Electric, steel and plastic parts shall be separated and recycled according to marking on the unit</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage, Frequency</td>
<td>230V ±10%, 50-60Hz&lt;br&gt;100-120V ±10%, 50-60Hz ±10%</td>
</tr>
<tr>
<td>Charge voltage and current</td>
<td>28.6 V, 1.2 A, yellow indicator</td>
</tr>
<tr>
<td>Standby charge voltage</td>
<td>27.6 V, green indicator</td>
</tr>
<tr>
<td>Max power</td>
<td>230V - 0.5 A, 100-120 V - 0.8 A</td>
</tr>
<tr>
<td>Weight</td>
<td>250 gram (0.55 pound)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>60 x 70 x100 mm (2 3/8”x2 3/4”x 4”)</td>
</tr>
<tr>
<td>Max Ambient temperature</td>
<td>+ 50°C (+ 122°F)</td>
</tr>
<tr>
<td>Max Relative humidity</td>
<td>75%</td>
</tr>
<tr>
<td>Max Atmospheric pressure</td>
<td>1060 hPa</td>
</tr>
<tr>
<td>Degree of protection</td>
<td>IP 2X</td>
</tr>
<tr>
<td>Mode of operation</td>
<td>continuous</td>
</tr>
<tr>
<td>Insulation Class</td>
<td>Class II Equipment</td>
</tr>
</tbody>
</table>

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

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

504 (19 7/8")

446 (17.48")

526 (20.74")

504 (19 7/8")

1000 (39 3/8")

1150 - 1650 (45 1/4" - 65 1/4")

77 (3")

36 (1 3/8")

97 (3 7/8")

2.125 (4.78")

348 (13 3/4")

232 (9")

168 (6 5/8")

115 (4 1/8")

153 (6")

860 (33 7/8")

776 (30.2")

526 (20.74")

695 (27")

536 (21 1/8")

370 (14 5/8")

536 (21 1/8")

436 (17 1/8")

97 (3 7/8")

125 (4 7/8")

860 (33 7/8")

393 (15 3/8")

370 (14 5/8")

536 (21 1/8")

436 (17 1/8")

566 (22 1/8")

666 (26 1/4")

735 (28 7/8")

735 (28 7/8")

666 (26 1/4")

436 (17 1/8")

536 (21 1/8")

370 (14 5/8")

536 (21 1/8")

436 (17 1/8")

566 (22 1/8")

666 (26 1/4")

735 (28 7/8")

735 (28 7/8")

666 (26 1/4")

436 (17 1/8")

536 (21 1/8")

370 (14 5/8")

536 (21 1/8")

436 (17 1/8")

566 (22 1/8")

666 (26 1/4")

735 (28 7/8")

735 (28 7/8")

666 (26 1/4")

436 (17 1/8")

536 (21 1/8")

370 (14 5/8")

536 (21 1/8")

436 (17 1/8")

566 (22 1/8")

666 (26 1/4")

735 (28 7/8")

735 (28 7/8")

666 (26 1/4")

436 (17 1/8")

536 (21 1/8")

370 (14 5/8")

536 (21 1/8")

436 (17 1/8")

566 (22 1/8")

666 (26 1/4")

735 (28 7/8")

735 (28 7/8")
Paediatric Electric

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

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

Classification 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

<table>
<thead>
<tr>
<th>SWL</th>
<th>Safe Working Load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lifting stroke</td>
</tr>
<tr>
<td></td>
<td>Type B</td>
</tr>
<tr>
<td></td>
<td>Applied part: protection against electrical shock in accordance with IEC 60 601-1.</td>
</tr>
</tbody>
</table>

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

Data label

<table>
<thead>
<tr>
<th>SWL</th>
<th>Safe Working Load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lifting stroke</td>
</tr>
<tr>
<td></td>
<td>Supply voltage</td>
</tr>
<tr>
<td></td>
<td>VA</td>
</tr>
<tr>
<td></td>
<td>Max power</td>
</tr>
<tr>
<td></td>
<td>Fuse</td>
</tr>
<tr>
<td>IP X4</td>
<td>Protection class - Protection against splashing water.</td>
</tr>
<tr>
<td></td>
<td>Mode of operation for Hi7Lo function: Maximum 1 minute ON and 9 minutes OFF.</td>
</tr>
<tr>
<td></td>
<td>Type B</td>
</tr>
<tr>
<td></td>
<td>Applied part: protection against electrical shock in accordance with IEC 60 601-1.</td>
</tr>
<tr>
<td>NDA0100</td>
<td>Product no. of the battery</td>
</tr>
<tr>
<td>24V 4Ah</td>
<td>Read the operation instructions before use.</td>
</tr>
<tr>
<td></td>
<td>Separate electrical and electronic components for recycling in accordance with the European Directive 2002/96/EG (WEEE)</td>
</tr>
<tr>
<td></td>
<td>Insulation Class II Equipment</td>
</tr>
<tr>
<td></td>
<td>A battery is the power source of this equipment.</td>
</tr>
</tbody>
</table>
### 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  
|                  | 100-120V - 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.

#### Identification label

- 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.

#### Battery label

- Environmental danger. Not for disposal
- Recyclable
Identification label on the battery charger

Battery label

Running assembly number

Year Month

0909XXXXXX

Identification label

Data / Approval label EU

Data / Approval label GB

Data / Approval label US

Data / Approval label AU
# Accessories

<table>
<thead>
<tr>
<th>Side support</th>
<th>Battery charger 24 V</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Side support image" /></td>
<td><img src="image2.png" alt="Battery charger image" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scale</th>
<th>Disinfectant / Cleaner</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Scale image" /></td>
<td><img src="image4.png" alt="Disinfectant image" /></td>
</tr>
</tbody>
</table>

*ArjoHuntleigh DISINFECTANT/CLEANER*