

# TR 3200 Shower Trolleys

## Instructions for use - English



Always study this manual carefully before operating the shower trolley.

The operator/user must always have access to the operating manual.

The shower trolley is intended for professional use only where the patient will be under supervision of trained personnel.

Operating instructions and recommended maintenance procedures are explained in the following pages.

If you have any questions regarding the operation or maintenance of your shower trolley and cannot find the answer in this manual, please contact us.

The shower trolley is designed for years of trouble-free operation, with proper use and maintenance.

**Max patient Weight: 230 kg / 500 lbs**



### Always read the user manual

Always make sure that you have the correct version of the manual and it is mandatory to read the Instructions before the first time of using the equipment.



Registered at Medical Products Agency, Sweden as a MDR Class 1 product according to MDR 2017/745. TR reserves the right to make design changes and/or improvements without notice.

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## Introduction

Dear Customer,

Thank you for choosing one of our quality products. We hope you enjoy the TR 3200 shower trolley.

This manual shall, in conjunction with staff training, ensure that the operator/user is always using and/or operating the TR 3200 correctly.

New users must be trained by qualified and experienced staff.

TR Equipment AB requires that each user has read and understands the entire operating manual and that they can apply the instructions as specified. This applies to anyone who was not present at the in-service training.

This instruction manual should generally be kept easily accessible for every user. Copying the whole manual is encouraged since its sole purpose is to improve the standard of training and safety.

Please order another copy from us if the instruction manual is lost or unusable, or if it has become illegible over time.

If you need further information, do not hesitate to contact TR Equipment AB or one of our qualified partners.



### Always read the user manual

Always make sure that you have the correct version of the manual and it is mandatory to read the Instructions before the first time of using the equipment.

### Warning

- Mandatory to read the operating manual before using the equipment.
- Make sure you have read, understand, and applied the information on the following pages before using the shower trolley.

## Intended use:

### Shower trolley TR 3200

- The TR 3200 shower trolley is a battery-operated shower trolley.
- The TR 3200 shower trolley is intended to ease transferring and caring of the patient.

### Typical situations where the TR 3200 shower trolley is used includes:

- Transporting the patient to and from a showering area.
- Showering and cleaning the patient.
- Dressing the patient.
- Changing incontinence briefs/pads.
  
- The TR 3200 is NOT intended to be used with patients that exceed a weight of 230kg.
- The patient is typically a person who is unable to take care of their own personal hygiene.
- The TR 3200 is only intended to be used for short term use <60min when in contact with breached or compromised skin.
- The TR 3200 is intended to be used indoors in all types of care facilities and private homes, including hygiene areas.
- The user is any adult person who is capable of reading and understands the operating manual and is qualified to care for dependent persons/patients.
- Before using the TR 3200, the user must read and understand the operating manual.



### Warning

- Never leave the patient unattended.
- Mandatory to read the operating manual before using the equipment
- Make sure you have read, understand, and applied the information on the following pages before using the shower trolley.

## Unpacking

TR 3200-L/-LR shower trolley is delivered on a pallet with a wooden crate around it.

TR 3200 shower trolley is delivered on a pallet with a cardboard box around it.



TR 3200-L/ -LR



TR 3200-L/ -LR

Unpack the TR 3200-L/-LR shower trolley by carefully cut and remove the plastic that surrounds the wooden crate.

**DO NOT** use any sharp tools that may scratch the shower trolley. Remove the crate by unscrewing and remove the screws attached to the wooden pallet. Lift the over the TR 3200-L/ -LR (2 people required).

Unpack the TR 3200/-R shower trolley by removing the lower cardboard staples with a pliers. If the cardboard box is wrapped in plastic, carefully cut, and remove the plastic. **DO NOT** use any sharp tools that may scratch the shower trolley.

Lift the cardboard box over the TR 3200/ -R (2 people required).

Carefully remove the shower trolley from the pallet.

### **Warning**

- When moving the Shower trolley from the pallet, two people are required.

## Safety Instructions

- Always physically check water temperature before and during showering.
- The patient must be positioned comfortably on the stretcher mattress, with side rails securely locked.
- The bodyweight of the patient and/or body parts should never lean or be supported against the stretcher side rails.
- Make sure that all parts that comes in contact with the patient are intact and without sharp edges.
- Ensure that the Trolley can be moved, raised, or lowered safely to avoid any pinch injuries to patient.
- Castor brakes must be securely locked on the TR 3200 before transferring a patient and once in position over a drain.
- Operate the Trolley carefully when transporting patients through narrow corridors or over irregular uneven surfaces.
- Wipe under the Stretcher to prevent water dripping on the floor.
- The TR 3200 must be cleaned after each use. Always read and follow detergent supplier instructions.
- Avoid skin or eye contact with detergent, which can be highly corrosive. If contact is made, rinse immediately with excess water. If irritation occurs, consult a medical doctor. Always read and follow detergent supplier instructions.
- Battery chargers supplied by TR Equipment are the only ones approved for charging the trolley.
- Do not use battery charger in wet or damp areas – Potential shock hazard.
- It is recommended that the Trolley batteries are charged daily or whenever Trolley is not in use.
- Check that castor brakes and straight steering are clean and free from damage.
- Check that side rails are locked in place and free from damage.
- Check that all screws are tightened.
- Mattress and pillow must be kept well maintained in place.
- Trolley must be inspected visually for sign or wear.
- Trolley should not be used if defects are noted. Prompt service is required.

If you have questions regarding operation or maintenance of your TR 3200 Shower trolley and cannot find the answer in this manual, please contact TR Equipment or your local TR Equipment representative.

### In case of accident

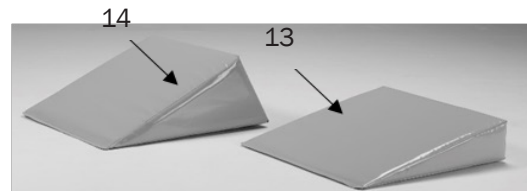
**Note:** In case of a serious incident when using the TR 3200 shower trolley, this should be reported to the manufacturer and to the local authorities where you are established.

### Warning

- Never leave the patient unattended.
- Never sit at the ends of the stretcher.
- NEVER use the TR 3200 shower trolley in any way that varies from the safety precautions and operating procedures detailed in this manual. The TR 3200 shower trolley must not be operated by anyone until the user has read and understands the instructions in this manual.
- Mandatory to read the Operating manual before using the shower trolley.
- Only qualified staff, who understand all Operating and Safety procedures may operate the equipment.

## Features and Controls

TR 3200/-L

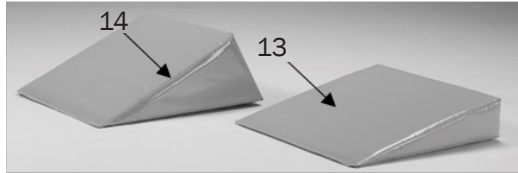


1	Lifting columns (2pcs)
2	Mattress
3	Pillow
4	Stretcher
5	Castor with brake
6	Hand control
7	Side rails
8	Side rail lock
9	Drainage
10	Drainage hose 1M

11	Drainage plug
12	Holder for drainage hose
13	Grey or Blue Wedge pillow 15° (option)
14	Grey or Blue Wedge pillow 30° (option)
15	Battery box with Emergency stop

## Features and Controls

3200-R/-LR



1	Lifting columns (2pcs)
2	Mattress
3	Pillow
4	Stretcher
5	Castor with brake
6	Hand control
7	Side rails
8	Side rail lock
9	Drainage

10	Drainage hose 1M
11	Drainage plug
12	Holder for drainage hose
13	Grey or Blue Wedge pillow 15° (option)
14	Grey or Blue Wedge pillow 30° (option)
15	Battery box with Emergency stop
16	Removable battery

## Product description

### TR 3200/-L Onboard batteries

Battery operated and height adjustable shower trolley including:

Castors with brake (2 pcs), Equipped with four castors with brake (4 pcs), Lifting columns (2pcs), Hand control, Battery, Battery charger, Blue mattress, Blue pillow, Drainages 2pcs, Drainage plugs (2pcs) and Drainage hose 1M.

TR 3200 are available in two different sizes:

TR 3200

TR 3200-L

Accessories/options:

Drainage hose 2,5M

Wedge pillow 15° (Grey or Blue)

Wedge pillow 30° (Grey or Blue)

Straight steering castors



### TR 3200R/-LR Removable batteries

Battery operated and height adjustable shower trolley including:

Castors with brake (2 pcs), Equipped with four castors with brake (4 pcs), Lifting columns (2pcs), Hand control, Removable battery, Battery charger, Blue mattress, Blue pillow, Drainages 2pcs, Drainage plugs (2pcs) and Drainage hose 1M.

TR 3200-R are available in two different sizes

TR 3200-R

TR 3200-LR

Accessories/options:

Drainage hose 2,5M

Wedge pillow 15° (Grey or Blue)

Wedge pillow 30° (Grey or Blue)

Straight steering castors



## Technical specification

TR 3200/TR 3200-R	
Maximum working load	230kg / 500lb
Control	Hand control
Operating height range	500 – 900mm / 19,7" – 35,4"
Lifting speed	12mm/s
Mattress and pillow	PVC
IP Class	IP X5
Floor clearance	160mm / 6,3"
Battery TR 3200/-L	24VDC 7Ah (Lead-acid, rechargeable)
Battery TR 3200-R/-LR	24VDC 4Ah (Li-ion rechargeable)
Battery charger input	100-240VAC 50/60Hz
Battery charger out put	24VDC

TR 3200/TR 3200-R	
Length	1950mm / 76,8"
Width	695mm / 27,4"
Weight	85kg / 187lbs

TR 3200L/TR 3200-LR	
Length	2150mm / 84,6"
Width	795mm / 31,3"
Weight	93kg / 205lbs

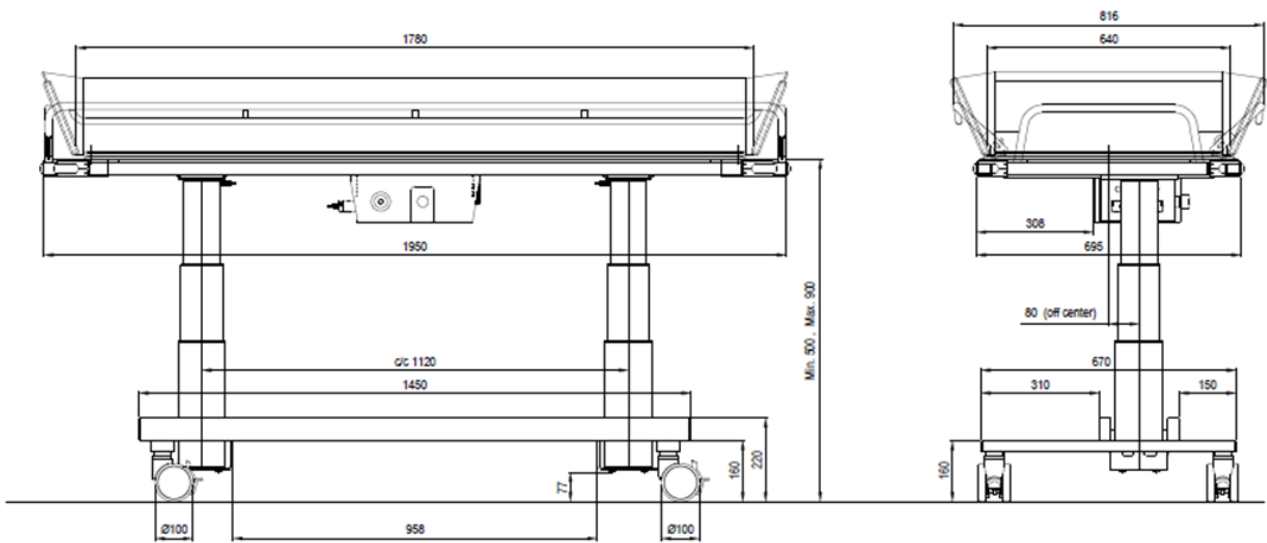
<b>Technical life span</b>	10 years if the product is serviced and maintained according to instructions in this manual.
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<b>Transport and storage Ambient temperature</b>	-20°C - +70°C	-4°F - +158°F
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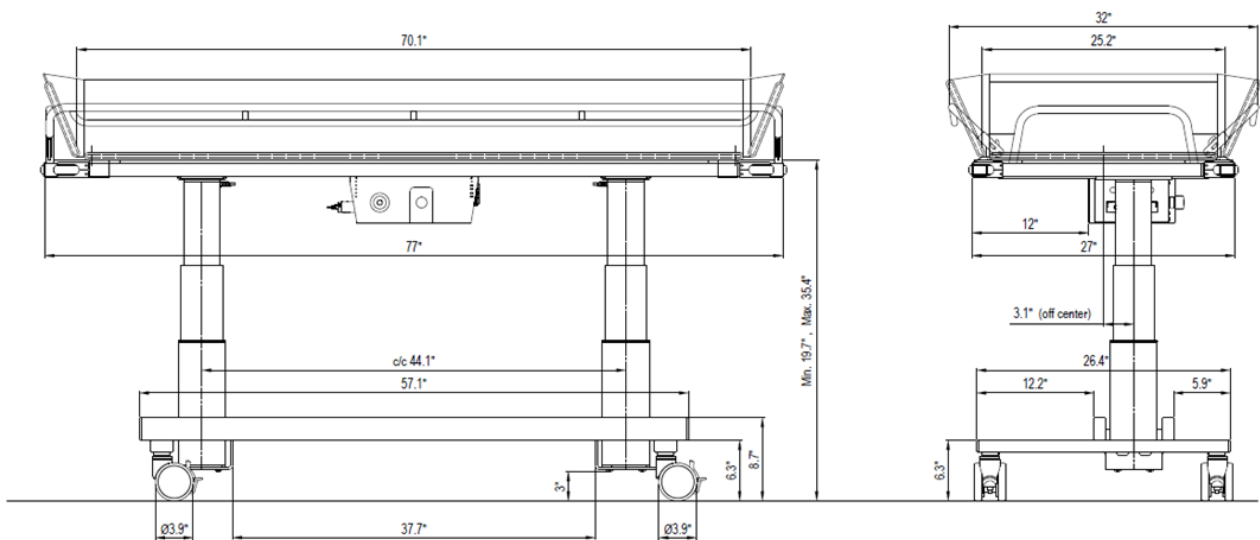
## Technical specification

TR 3200/TR 3200-R  
TR 3200L/TR 3200-LR

Drawing mm



Drawing Inch



## User Instructions

### TR 3200 – Calibration/Initialisation

Use the hand control to calibrate/initialize the lifting columns.

- Press the DOWN button and run the lifting columns to the lowest position.
- When the lifting columns are in the lowest position press the DOWN button again.
- Press the DOWN button once more and two short tones will be heard.

When you hear the two short tones the lifting columns are calibrated/initialized and the shower trolley is ready to be used again.

### TR 3200-R Calibration/initialisation

- Use the hand control to calibrate/initialize the lifting columns.
- Press the UP and DOWN button at the same time and keep the buttons pressed during the calibration/initialization. After 5-10 seconds the lifting columns will go down. Release the buttons when the lifting columns are in the lowest position.
- The lifting columns are now calibrated/initialized, and the shower trolley is ready to be used again.

### Emergency stop

If the lifting column on the shower trolley, for some reason must be stopped immediately and it doesn't help to stop pressing the hand control, press the Emergency stop on the battery box. The Emergency stop will cut the power supplied to the lifting column.

To release the Emergency stop, turn the Emergency stop clockwise.

If the problem remains, immediately contact TR Equipment or a TR Equipment representative for repair.

If you hear a beeping sound when you start using the shower trolley again, calibrate the lifting column.

Before every use, make sure the Emergency stop is released.



## User Instructions

### Before first use

#### TR 3200/TR 3200-R

- Clean mattress and pillow.
- Charge the battery for 24hours. See instructions in table of contents.
- Calibrate/initialize the lifting columns.

#### TR 3200/TR 3200-R – Height and tilt adjustment

Always make sure that the patient is comfortably positioned on the stretcher mattress, with side rails securely locked **before** raising, lowering, or tilting the shower trolley.

- Use the hand control to raise and lower the stretcher to desired height.
- Use the hand control to tilt the stretcher to desired angle.

#### TR 3200 – Audible tones

##### One short tone

When the stretcher reaches the horizontal position after being tilted a short audible tone will be heard.

##### One long and one short tone

When the batteries need to be charged, one long and two short tones will be heard. Connect the battery charger to the shower trolley and charge the batteries for at least 8 hours.

##### One long and two short tones

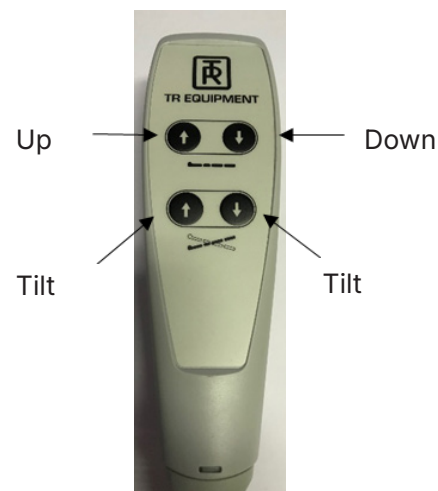
When one long and two short tones are heard the lifting columns needs to be calibrated/initialised. See instructions below.

#### TR 3200-R – Audible tones

##### One short audible tone + a flashing orange light

The removable battery needs to be charged/replaced. Connect the battery to the battery charger and charge the battery for at least 8 hours.

If you have an extra battery on charge, replace the battery and put the fully charged battery onto the shower trolley. Put the removed battery on charge for at least 8 hours.



LED Light



## Warning

- If the patient needs "Trendelenburg" position, only qualified staff who understands the procedures may operate the Shower trolley.
- Maximum working load = 230Kg / 500lbs

## User Instructions

### TR 3200 - Charging instructions onboard batteries:

Charge the TR 3200 shower trolley daily or when the low battery audible tone sounds. The batteries cannot be overcharged. The battery charger is equipped with a magnetic connector to avoid damages on the charger if the shower trolley will be moved during charging.

- Use only the battery charger supplied by TR Equipment.
- Connect the charger to the charging connector on the shower trolley before connecting the charger to the mains supply.
- When the battery charger is properly connected the charging indicator on the charger will be lit. If not, make sure the plug on the charger is properly connected.
- The charging indicator shows the charging cycles. Yellow while charging and Green when the batteries are fully charged.
- Minimum charging time is 8 hours. The batteries cannot be overcharged and if possible best practice is to always charge when not in use.
- When the charging is completed, disconnect the charger from the mains, before you disconnect the charger from the shower trolley.
- A flat fuse (15A) is connected between the batteries. The batteries are placed under the mattress and plastic plate inside an enclosure mounted on the stretcher frame.
- The charger shall be connected to an outlet which has a Ground Fault Circuit Interrupter.

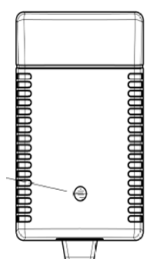


Charging connector on the shower trolley



Charging connector  
on battery charger

Charging indicator



## User Instructions

### TR 3200-R – Charging instruction removable battery

Charge the battery daily for at least 8 hours or when the low battery audible tone sounds, when using the hand control. The batteries cannot be overcharged. The battery charger is equipped with a connector with a sealing and a locking function.

- Use only the battery charger supplied by TR Equipment.
- Connect the charger to the charging connector on the removable battery before connecting the charger to the mains supply.
- Charge the battery for at least 8 hours. The battery cannot be overcharged.
- Do not use battery charger i wet or damp areas – Potential shock hazard
- The charger shall be connected to an outlet which has a Ground Fault Circuit Interrupter.
- To start or turn off the battery, push and hold the ON or OFF button for three seconds.

### The charging indicator shows following:

- Flashing Green light = Battery is being charged
- Constant Green light = Battery is fully charged even if there is a constant Green light after a short period of time the batteries need to be charged for at least 8 hours.
- When the battery is fully charged (after at least 8 hours) remove the charger from the mains supply before you disconnect the charger from the removable battery.



How long does the battery hold the charge.		
Period (Including shipping)	Capacity	Status
3 months	79%	Usable
6 months	58%	Please charge before use
>6 months	<58%	Too long storage period, battery capacity harmed *Be sure to charge 24 hours every 6 months

## User Instructions

### Side rails

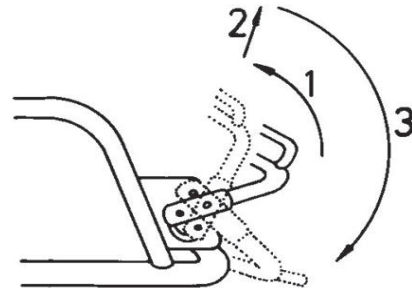
The "bed side rail" (transfer side) is easily lowered to a horizontal position for a safe patient transfer and raised again before transport.

Pull the rail to a vertical position (1), lift the rail to release the two locks at the end of the rail (2) and swing it down to a horizontal position (3).

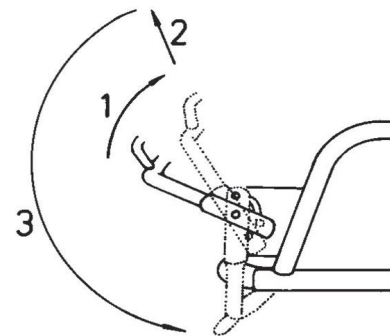
The side rail on the "nurse side" (opposite the transfer side) pivots freely under the stretcher when performing the steps described above.

Raise the side rail by simply pulling it back into its upright position. Lower it and the two locks will automatically lock into place.

When travelling through narrow doorways, reduce the trolley width by holding the side rails in a vertical position.



Bed side / Transfer side



Nursing side

### Drainage:

The mattress has double drainages and plugs. The flexible drain hose simply fits onto either of the two drain outlets on the mattress.

Pull out and bend the hose to prevent splashing when using the shower trolley over a floor drain.

To reduce water dripping on the floor, after use, bend the drain hose nozzle upwards using the plastic hose holder.

The drainage plug for each outlet is fastened with a nylon string on the stretcher frame.



## User Instructions

### Castor with brake:

The TR 3200 is equipped with four castors with brake. The castor with a brake has a red pedal (5).

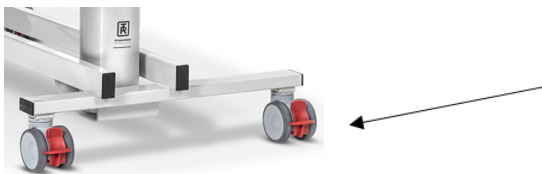
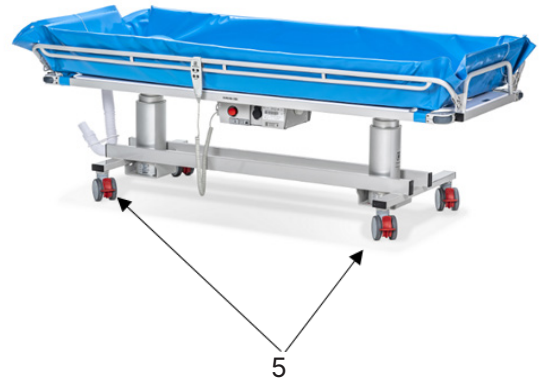
- To activate the brake, press the red pedal DOWN with your foot.
- To release the brake, push the UP with your foot.

### Castors with straight steering function

- TR 3200 can also be equipped with two straight steering castors as an alternative for two castors with brakes. To increase stability also press the black pedals on the straight steering castors DOWN.

The TR 3200 is equipped with two straight steering castors (6) with Black pedal.

- To activate the straight steering function, press the Black pedal DOWN with your foot. Only activate the straight steering function on the front castor.
- To release the brake, push the UP with your foot.



Transport direction →



## Warning

- Never leave the patient unattended.
- Always check the water temperature by hand before showering the patient.
- Always use the hose holder to prevent dripping on the floor during transport.
- If the patient needs "Trendelenburg" position, only qualified staff who understand the procedures may operate the shower trolley.

## User Instructions

### Patient handling – From sling lift onto shower trolley

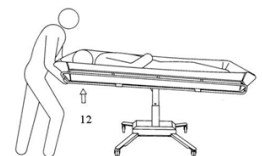
- Lower the TR 3200 to the lowest position by pressing the Down button on the hand control.
- Position and lock the castor brakes by pressing the central locking control bar downwards until it clicks into position.
- Make sure that both bed guard rails are in raised position and securely locked.
- Lower the patient into the shower trolley. When lowering the patient, make sure that no body parts can be pinched and that the patient is placed in a comfortable position.
- Adjust the TR 3200 to an ergonomic and comfortable height.
- After removing the sling from the patient unlock the castor brakes and transfer the patient to the showering area.



### Patient Transfer from Wheelchair onto Shower trolley

You can raise or lower the Shower Trolley using the hand control to match wheelchair height and thus ease the transfer of wheelchair patients.

- Two attendants are recommended.
- Tilt the stretcher to a flat position using the hand control and lower the side rail.
- Lower the Trolley by pressing the DOWN button on the hand control.
- Position the Shower trolley castors and lock the castor brakes and straight steering.
- Remove the wheelchair armrest and remove or swing the footrest clear on the transfer side.
- Centre the wheelchair close to the trolley "nurse side" and lock the wheelchair wheels.
- Transfer patient laterally between wheelchair and trolley, supporting patient under arms
- Position patient comfortably on stretcher, then raise and lock both side rails. Remove the wheelchair. Raise Trolley by pressing the UP button on the hand control to convenient transport height.
- Unlock the brakes and activate the front straight steering castor when transporting.
- Transport the patient. To return patient to wheelchair from Trolley simply reverse step 1 to 7 in an opposite procedure.



### Warning

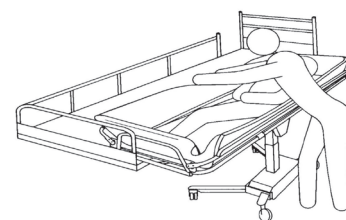
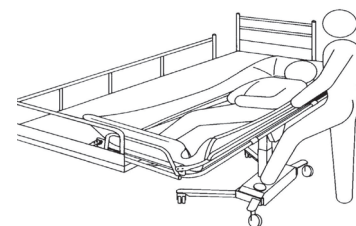
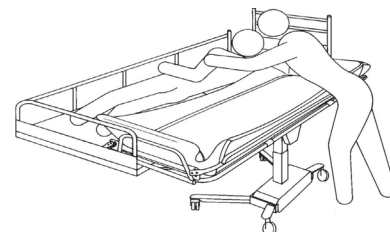
- Never leave the patient unattended
- Always check the water temperature by hand before showering the patient.
- Always use the hose holder to prevent dripping on the floor during transport.
- If the patient needs "Trendelenburg" position, only qualified staff who understand the procedures may operate the shower trolley.

## User Instructions

### Patient Transfer from Bed onto Trolley

Follow the recommended procedures. Do not omit any steps. Stay in sequence.

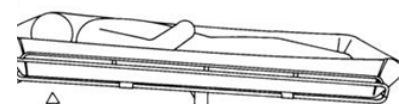
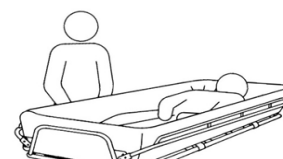
- Make sure the bed guard rail is raised on the side of the bed opposite from the Trolley.
- Turn the patient to his/her side, facing away from the trolley.
- Lower both side rails. The side rail on the transfer side stops horizontally.
- Move the Trolley over the bed and lower the Stretcher onto the bed mattress by pressing the Down arrow button on the hand control.
- Lock the castor brakes.
- Transfer the patient to a comfortable position onto the Stretcher mattress.
- Lift and secure both side rails before the Trolley is pulled away from the bed.
- Raise the stretcher by pressing the UP button on the hand control.
- Unlock the castor brakes and pull the Trolley away from the bed.
- Tilt the stretcher to a comfortable angle for the patient and adjust the trolley height to an ergonomically transporting height. Activate one straight steering castor for easy steering when transporting.



### Patient handling – Showering the patient

When showering, the patient must remain on the shower trolley stretcher with the side rails securely locked at all times. Always physically ensure that the water temperature is as desired before and during showering or bathing.

- Place the Shower Trolley foot end over a floor drain or sink and attach the drainage hose and drain plug (if desired).
- Position and lock the castors with brake.
- Tilt the stretcher for a comfortable position and to aid drainage by pulling the end tilt release handle under the head end on the stretcher.
- Shower the patient. Body fluids and faeces must immediately be removed to prevent mattress stains.
- After the patient is showered keep him/her warm wrapped in a towel.
- After showering, thoroughly drain the Trolley and replace drain plug and bend the drain hose nozzle upwards to prevent water dripping on the floor.
- Tilt the stretcher to a comfortable angle for the patient. adjust the trolley height to an ergonomically height and if desired, activate the straight steering device for easy steering when transporting.



### Warning

- Make sure that no body parts can be pinched between mattress and stretcher.
- Always check the water temperature by hand or with a thermometer before showering the patient.

## Product label
















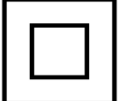

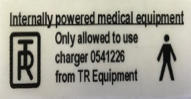
UDI (Unique Device Identification) can be found within the barcode human readable text. It contains:

- (01) EAN code
- Date of Manufacture. The date is in the format YYYYMMDD Y = Year, M = Month and D = Date.
- Serial Number displayed as six digit code.



Product label

## Table of Symbols

 <b>TR EQUIPMENT</b>	TR Equipment Logotype		Visual inspection											
	Medical equipment according to MDR 2017/745		Read the manual											
	CE marking		Maximum patient weight 230kg											
	Manufacturing date		WEEE Symbol May not be discarded in domestic waste											
	Factory address		UK											
	Part number		Refer to Instruction manual (IFU)											
	Serial number		Symbol on battery charger (TR 3200): Class II, double insulated											
	Never sit on the side parts of the stretcher		Internally powered medical equipment Use only battery charger supplied by TR Equipment Applied Part B											
<table border="1"> <tr> <th>Status</th> <th>LED indication - color &amp; mode</th> </tr> <tr> <td>Charging State</td> <td>Green Continuously short flashing-On (1 sec) / Off (1 sec)</td> </tr> <tr> <td>Fully Charged State</td> <td>Green Continuously On</td> </tr> <tr> <td>High Capacity State</td> <td>Green Continuously long flashing-On (0.5 sec) / Off (4 sec)</td> </tr> <tr> <td>Low Capacity State</td> <td>Orange Continuously long flashing-On (0.5 sec) / Off (4 sec)</td> </tr> <tr> <td>Under protection</td> <td>LED is continuously off</td> </tr> </table>	Status	LED indication - color & mode	Charging State	Green Continuously short flashing-On (1 sec) / Off (1 sec)	Fully Charged State	Green Continuously On	High Capacity State	Green Continuously long flashing-On (0.5 sec) / Off (4 sec)	Low Capacity State	Orange Continuously long flashing-On (0.5 sec) / Off (4 sec)	Under protection	LED is continuously off	Charging Information TR 3200/R	
Status	LED indication - color & mode													
Charging State	Green Continuously short flashing-On (1 sec) / Off (1 sec)													
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Low Capacity State	Orange Continuously long flashing-On (0.5 sec) / Off (4 sec)													
Under protection	LED is continuously off													

## Routine maintenance

The recommended frequency of these maintenance procedures will depend on how often the equipment is used. It's good practice to establish these procedures and then adjust the frequency as your conditions indicate.

### Before every use

Visual inspection of the TR 3200 shower trolley:

- Make sure that it stands securely on the floor.
- Make sure that it is possible to raise and lower the shower trolley.
- Make sure that there are no damages on the stretcher, mattress and pillow that might hurt the patient.

### Daily maintenance

- Clean the shower trolley according to the cleaning instructions.
- Charge the batteries daily or whenever the shower trolley is not in use..  
The batteries cannot be overcharged.

### Monthly maintenance

Repeat Before every use and Daily maintenance

- Make sure that all screw and fastenings are tightened properly.
- It's important that all screws and fastenings are checked and tightened if needed – including those not easily visible, for example under the plastic cover, castors etc.
- Inspect side rails to ensure they are in good condition, that all fasteners are in place and has proper function.
- Inspect the castors to ensure they are clean and that the brake function and straight steering function is fully functioning.
- Check that the raising and lowering function to ensure smooth operation throughout the entire lift range.

### Annual maintenance:

Repeat Before every use, Daily maintenance, and Monthly maintenance.

Thorough inspection of all steps mentioned above. We recommend that the annual maintenance is performed by approved and designated staff.

If you don't have the Service and maintenance manual, contact TR Equipment or your TR Equipment representative to get a new one.



### Warning

- Maintenance and/or repairs may only be carried out by the manufacturer or qualified staff authorised by the manufacturer, otherwise warranty expires immediately.

### Important:

- Shower trolleys should immediately be taken out of operation if defects or irregularities are noted. Prompt service is required.

## Routine maintenance

### Maintenance every 3 years

Repeat Before every use, Daily maintenance, Monthly maintenance, and Annual maintenance.

#### Replace following parts on the TR 3200/TR 3200-R:

- TR 3200 Replace both 12V batteries Part.no: 819030
- TR 3200-R Replace the removable battery Part.no: 200110
- Replace both drainages Part.no: 829392
- Replace both the drainage plugs Part.no: 829391
- Replace the drainage hose Part.no: 820818-4224 (1M)/820818-4224-25 (2,5M)

### Maintenance every 5 years

Repeat Before every use, Daily maintenance, Monthly maintenance, and Annual maintenance


- Check the quality on mattress and pillow
- Check the battery charger

#### Replace following parts on the TR 3200/TR 3200-R:

- Replace the castors with brake (2pcs) • Part.no: 851760
- Replace the straight steering castors (2pcs) • Part.no: 851761
- Replace the hand control TR 3200 • Part.no: 7440000 (TR 3200)
- Replace the hand control TR 3200-R • Part.no: 851899 (TR 3200-R)

### Maintenance every 10 year

Repeat Before every use, Daily maintenance, Monthly maintenance, Annual maintenance, Maintenance every 3 years, and Maintenance every 5 years.

-  **Warranty**
- Maintenance and/or repairs may only be carried out by the manufacturer or qualified staff authorised by the manufacturer.

## Disposal / Recycling

### Recycling of the equipment

- Pillow and mattress shall be recycled as flammable material.
- Plastic plate shall be recycled as flammable material.
- Chassis parts and fasteners parts shall be recycled as Metal materials.
- Castors are produced in Polyurethane and shall be recycled as flammable materials.
- Lifting columns, Hand control, control box, junction box and circuit boards shall be recycled as electric and electronic materials.



### Important:

- When replacing batteries, deposit the batteries in accordance with national regulations.
- When replacing electrical and electronical parts/components, deposit the parts/components in accordance with national regulations.



### Recycling of packaging materials.

- Wrapping materials is cardboard box and a wooden pallet.
- Cardboard box, cardboard bottom and cardboard lid shall be recycled as cardboard and pallet shall be recycled as wooden materials.

## Cleaning instructions

### General guidelines for cleaning detergent

- Non abrasive type of detergent
- Less than 5 Wt% chloride content
- Less than 3 Wt% alcohol content
  
- Select cleaning interval according to the degree of contamination.
- Contaminations should be removed as soon as possible to prevent material damage.
- Do not clean material with tools which might damage surfaces. Use a towel, sponge, or a soft brush.
- Store mattress and pillow in a clean and dry condition only.
- Use natural, slightly alkaline detergent containing no solvents.
- Do not use products such as trichlorethylene that will damage the PVC surface on mattress and pillow.
- Do not use iodine based, disinfectants, this can discolor the PVC fabric on mattress and pillow.
- Do not use water hotter than 45°C / 113°F
- Avoid excessive friction and abrasive detergents when cleaning as this may damage the surfaces of the shower trolley.

### Cleaning process for mattress, pillow, and plastic plate:

- Lightly brush off loose dirt particles first, then rinse material with clear water.
- Spray on the cleaning product in indicated concentration or apply with a clean towel. Dose the amount according to degree of contamination.
- Allow the cleaning product to act for 2-5 minutes and wipe off with a towel.
- Rinse off dirt and cleaning product residues thoroughly with cold or lukewarm water to prevent material discolorations.
- Only store mattress and pillow clean and completely dry.

### Warning

- Never use solvent based or strong alkaline cleaning liquids, which can damage or stain the mattress and pillow surfaces.
- Never clean the mattress and/or pillow in gas sterilisation unit. Mattress and pillow will explode.
- Wipe the stretcher dry to prevent water dripping on the floor.
- Do not let the shower trolley dry in sunlight or close to a heater. This will cause discoloration. Avoid damage from overheating.

### Important

- The user/operator is responsible selecting the correct cleaning liquid/detergent and additives according to local regulations and safety standards. Please read the cleaning liquid/detergent supplier's instruction manual and find out whether the product is suitable for use with this product.

## Maintenance record

Date	Description	Signed by

## Training record

Date	Description	Signed by

## Notes


Thank you for reading this document.

If you have questions regarding operation or maintenance of your equipment and cannot find the answer in this manual, please do not hesitate to contact us!