

TR 4000 Atlas/TR 4200 Atlas Junior Bariatric Shower Trolleys



Operating manual - U.S.



Always study this manual carefully before operating the Shower Trolley.

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.

Only qualified staff, who understand all operating and safety procedures may operate this equipment.

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

TR 4000 Atlas/TR 4200 Atlas Junior Bariatric Shower Trolleys



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Operating manual for:

Product	Description	Art no
TR 4000 Atlas	Bariatric Shower Trolley, Working Load Limit = 1000 lbs	0521040
TR 4200 Atlas Junior	Bariatric Shower Trolley, Working Load Limit = 600 lbs	0521050

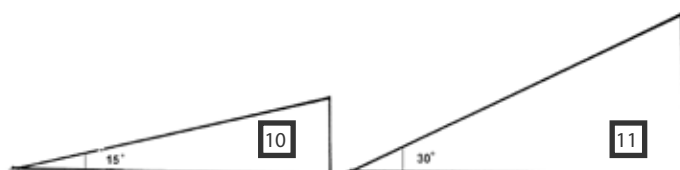
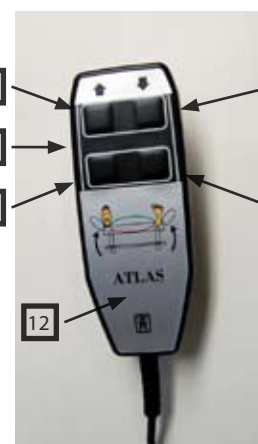
TR 4000 Atlas/TR 4200 Atlas Junior Bariatric Shower Trolleys



Features and Controls for the Atlas Shower Trolley

Position	Description
1	Flexible drainage hose
2	Drainage
3	Mattress
4	Foldable side rail w/ internal secure locking cam
5	Foldable head rail for extra length (only TR 4000 Atlas)
6	Foot control brakes and straight steering
7	Bumper wheel
8	Column for height adjustments
9	Straight steering castor
10	Wedge pillow 15° (option)
11	Wedge pillow 30° (option)

12	Hand control
13	Up
14	Down
15	Battery charger input
16	Tilting



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TR EQUIPMENT AB P.O. Box 116, S-573 22, TRANÅS, SWEDEN
 TR GROUP INC. 903 WEDEL LANE, GLENVIEW, ILLINOIS 60025, USA
 TR EQUIPMENT LTD. SU. 2 CLIFTON CHAMBERS, 52 H STR, EVESHAM, WORCESTER. WR114HG, ENGLAND

Phone: +46 140-38 50 60 Fax: +46 140-38 50 61
 Phone: 800-752-6900 Fax: 847-724-8566
 Phone: +44 1386 443686 Fax: +44 1386 443686

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Features and Controls for the Atlas Shower Trolley

Audible tone sounds

Short tone

This tone informs that the stretcher is level when tilting and stops. Proceed tilting by pressing once more on the handcontrol when desired.

Long and short tone

When this tone sounds the Trolley needs to be charged, see page 5.

Long and two short tones

If/When this tone sounds the stretcher actuators must be calibrated to level.

Calibrating actuators:

Use the hand control to calibrate by pressing the DOWN symbol until the stretcher stops in its lowest position. Press the DOWN symbol once more to make sure that both actuators are in their lowest positions.

Two short audible tones sound when both actuators are in their lowest position. Press the DOWN symbol once more and the stretcher is now calibrated and level.

Calibration must also be performed after each power failure, for example after changing the batteries or the fuse (15 A).

Hand Controls for up/down and tilting

The stretcher is easily and quietly raised by two powerful actuators.

Load limit is up to 1000 lb for TR 4000 Atlas and 530 lb for TR 4200 Atlas Junior.

The hand control operates the power when activated and stops immediately when released.

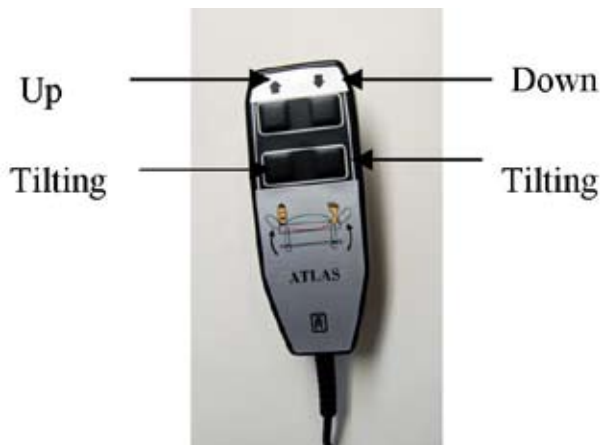
The hand control also operates the tilting in both directions and raises / lowers the stretcher quietly.

Raise the Shower Trolley stretcher by activating the “UP” arrow symbol.

Lower the Shower Trolley stretcher by activating the “DOWN” arrow symbol.

When needed, the stretcher can be tilted max 4 degrees in both directions by activating the tilt head- foot symbols on the hand control for improved drainage and to a Trendelenburg* position.

***NOTE:** Only qualified staff who understands the procedures may operate the Trolley with a patient in a “Trendelenburg” position.



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Features and Controls for the Atlas Shower Trolley

Battery power and charging

- Charge the Trolley, in dry rooms only, daily or when a long and a short audible tone sounds. Normal charging time is approximately 8 hours when flat. The Trolley can never be overcharged.
- Use only the 24 volt DC battery charger model delivered by TR.
- Connect the battery charger into the Shower Trolley hand control input. Make sure that the plug is fully in place.
- Plug the battery charger into the mains.
- When the battery charger is properly connected, an indicator on the battery charger will be lit. If not, recheck the connections.
- The indicator tells the charging cycles. Yellow during charging and green indicates that the Trolley is ready for use.
- When the charging is completed, disconnect the charger from the mains before you disconnect the charger from the hand control
- A flat fuse (15 A) is connected between the batteries in the battery box underneath the stretcher.



Battery charger



Batteries

If changing the lead batteries, deposit in accordance with local regulations.



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Features and Controls for the Atlas Shower Trolley

Side Rails

The long side rails swing down for patient transfer and lock in up position for patient security. The side rails are equipped with a secure locking cam assembly and requires both ends to be lifted to move the side rails from the vertical up position to horizontal and then to the vertical down position.

Lower the side rail (horizontal) (A)

Lift the side rail with both hands and lower it to a horizontal position where it stops.

Lower the side rail (all the way) (B)

Lift the side rail with both hands from the horizontal position and lower it all the way.

Raise the side rail

Raise the side rail with both hands by simply lifting it back into its upright position and it automatically locks in place.

The stretcher width can be narrowed as the side rails can be folded inwards when transporting the Trolley through narrow doorways.

Head end rail (only TR 4000 Atlas)

The head end rail lowers down to a horizontal position for extra person length and more access when transferring.

Lower the end rail (C)

Lift it with both hands and lower it.

Raise the head end rail

Raise the head end rail with both hands by simply lifting it to its upright position where it automatically locks in place.

Corner bumper wheels

The stretcher has rubber bumper wheels in all four corners to protect walls and doorways.



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Features and Controls for the Atlas Shower Trolley

Central locking castor brakes and straight steering

Castor Brakes

Park the Shower Trolley and brake all the four castors by pushing the single foot central locking control bar, under the Trolley head end, all the way down until it clicks in position (D).

Release the brakes on all four castors by lifting the single foot central locking control bar to its neutral position (E) or push down the short ends on the foot control bar.

Straight Steering Castor

One of the foot end castors can be locked in a straight steering position.

Lock the castor by lifting the foot central locking control bar until it clicks to position or push down short ends on the foot control bar (F).

To release the straight steering castor, push the foot central locking control bar down to its neutral position (E) or lift the short ends on the foot control bar.

Drain Hose and Plug

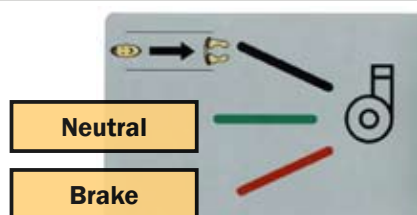
Drain Hose

The flexible drain hose connects to the drain outlet in the mattress which prevents splashing.

To reduce water dripping on the floor, after use, fold the drain hose nozzle upwards.

Drainage Plug

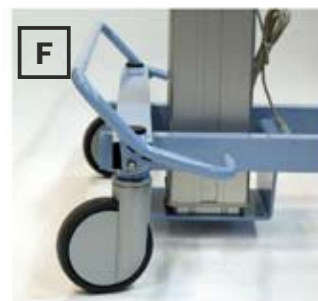
The drainage plug is fastened with a nylon string on the stretcher foot end rail.



Brake position



Neutral position



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Patient Handling - Procedures for the Atlas Shower Trolley

Patient Showering

1. When showering, the patient must remain on the Shower Trolley stretcher with the side rails securely locked.
2. Always physically ensure that the water temperature is as required before and during showering.
3. Park the Shower Trolley foot end over a floor drain, sink or WC. Brake all four castors by pushing the single foot central locking control bar all the way down, until it clicks in position (D).
4. When desired, attach the drainage hose and drain plug.
5. Tilt the stretcher max 4 degrees, with the hand control for a comfortable position and good drainage. Remove the drain plug, if desired.
6. Shower the patient. Body fluids and faeces must be removed immediately to prevent mattress stains.
7. After the patient is showered keep him/her warm wrapped in a bath towel.
8. Thoroughly drain the stretcher and attach the drain plug to prevent water dripping on floor. Fold the drain hose nozzle upwards to prevent water dripping on the floor.
9. When desired, level the stretcher with the hand control. An audible short tone sounds when the stretcher is back in level.

NOTE: When the patient needs “Trendelenburg” position, only qualified staff who understands the procedures may operate the Trolley.

NOTE: Never leave patient unattended.

Cleaning the Shower Trolley

The powder coating protects the Shower Trolley from corrosion. It is sealed against moisture and can be washed and cleaned thoroughly and easily.

The Stretcher has a removable PVC coated mattress and pillow (option). They must always be cleaned after each use.

The mattress and pillow cloth is heat sealed to prevent moisture.

Remove and clean the support shelves on studs on the stretcher frame.

Rinse the Stretcher, support shelves, mattress and pillow thoroughly with the patient shower handle after cleaning and let dry.

Note: Wipe underneath Shower Trolley to prevent water dripping on floor.

WARNING: Never clean the mattress and /or pillow in a gas sterilization unit. Mattress and pillow will explode.

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TR 4000 Atlas/TR 4200 Atlas Junior

Safety and Control Instructions

If you have a question regarding the operation or maintenance of your Shower Trolley and cannot find the answer in this manual, please contact us.

- Only qualified staff, who understand all operating and safety procedures may operate the Trolley.
- The patient must be positioned comfortably on the stretcher mattress, with side rails SECURELY locked.
- Never leave the patient unattended.
- Check that the side rails are locked in place and free from damage.
- Side rails are secured into vertical up, horizontal, and vertical down positions. Attendants must apply pressure to both ends of the side rail to move to the different positions.
- Do not let the patient sit on the foldable short head
- Side rails and head rails are not weight bearing.
- Castor brakes must be securely locked on the Trolley before transferring a patient and once in position over a drain.
- Check that braking attachments and casters are clean and free from damage.
- Operate the Trolley carefully when transporting patients through narrow corridors or over irregular-uneven surfaces.
- Ensure that the Trolley can be moved, raised or lowered without risking any pinch injuries to patient.
- Trolley must be cleaned after each use.
- Wipe underneath the stretcher to prevent water dripping on the floor.
- Never clean mattress and pillow in gas sterilization unit. Mattress and pillow will explode.
- Stretcher and mattress must be kept in place, well maintained and all screws must be tightened.
- Trolley must be inspected visually for signs of wear. Trolley should not be used if defects are noted. Prompt service is required.
- Use only a TR approved battery charger for 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. Batteries can not be overcharged.

WARNING: Do not use the Shower Trolley in any way that varies from the safety precautions and operating procedures detailed in this manual. The equipment must not be operated by anyone until the user has read and understood the instructions in this manual.

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Routine Maintenance

The recommended frequency of these maintenance routine procedures will depend on how often the equipment is used.

It is good practice to establish these procedures and then adjust the frequency as your conditions indicate.

Daily Routine Maintenance

- Clean the Trolley, mattress and pillow after each use with mixed, nonabrasive type of detergent, according to your detergent supplier instructions.

Note: Do not use solvent based cleaning liquids, which can damage or stain the PVC coating on the mattress and pillow.

- Use a sponge or brush, and remove any soap or lime deposits, and faeces promptly to avoid spots/stains. Rinse thoroughly with fresh water.
- It is recommended that the Trolley batteries are charged daily or whenever Trolley is not in use. Batteries can not be overcharged.

Weekly Maintenance

- Visually inspect the Shower Trolley interior to make sure there are no nicks or cracks which may scratch the patient.

Monthly Maintenance

- Check that all screws and fastenings are tight.
- Check that the siderails and castors are working properly.
- Inspect shower and cleaning equipment.

WARNING: Never clean mattress pad and pillow in gas sterilization unit. Pad and pillow will explode.

Batteries

If changing the lead batteries, deposit in accordance with local regulations.



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Warranty, CE Mark and Technical Specifications

Warranty

TR warrants that its products are free from defects in materials and workmanship for a period of one year from the date of delivery.

TR mattresses of fabric covered PVC over polyester foam shall be warranted for a period of six months from the date of delivery.

The above warranty obligations shall be limited to delivery of defective parts.

TR warrants that service or repairs of products no longer in warranty will be performed in a workman like manner and warrants them for a period of 30 days, when performed by service personnel authorized by TR.

This warranty is in lieu of any other warranty or representation, expressed or implied.

Warranties of MERCHANTABILITY or FITNESS FOR ANY PARTICULAR USE OR PURPOSE are expressly excluded.

TR will not be responsible for any expenses, inconvenience or incidental or consequential damages occasioned by the use, loss of use, or misuse of the products, or by the failure of the products to conform to the warranty set forth above.

This warranty becomes void if the product shows evidence of mishandling, tampering, installation or use contrary to the applicable instruction materials, shipping damage, or repair performed by other than service personnel authorized by TR. Routine cleaning, adjustment, and normal cosmetic and mechanical wear are not covered by this warranty.

TR reserves the right to make design changes and/or improvements without notice.

CE mark.

Certificate of registration at the LÄKEMEDELSVERKET Medical products agency in Sweden
Dnr.452:2008/83584.

Free sales certificate at the LÄKEMEDELSVERKET Medical products agency in Swede.



Technical Specifications

	TR 4000 Atlas	TR 4200 Atlas Junior
Length	87"	88"
Width	36"	29"
Height	21" - 33"	21" - 33"
Working Load Limit	1000 lb	530 lb
Chassis	Powder coated and zinc plated steel	Powder coated and zinc plated steel
Castors	Brakes on all four castors and straight steering	Brakes on all four castors and straight steering
Control	Hand control for height adjustment and tilting	Hand control for height adjustment and tilting
Mattress, pillow	Flame retardant material	Flame retardant material
Battery	Rechargeable, 24 V	Rechargeable, 24 V
Twin actuators	Battery powered	Battery powered
Intermittent power	10% max 2min/18min	10% max 2min/18min

Manufactured by: Tranås Rostfria AB, Sweden

DISTRIBUTOR:



TR Group Inc.
PO Box 433
903 WEDEL LANE
GLENVIEW
IL 60025

Phone: + 1 847 724 6600
Fax: +1 847 724 8566
www.trequipment.com
information@trequipment.com

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Maintenance record

Date	Description	Signed by

Training record

Date	Description	Signed by

