

User manual for TA. mobile electric shower/commode

Warning: To ensure correct use of TA. mobile electric shower/toilet lift this user manual must be read thoroughly. Give special attention to the warnings. To avoid any danger to the user the TA. mobile electric shower/toilet lift is only to be operated by trained personal or by persons whom has been instructed in its use.

(The warnings in this user manual have been prepared on the basis of a risk analysis carried out in accordance with DS/EN ISO 14971 Medical equipment – Handling of risk control on medical equipment).

Application

TA. mobile shower/toilet lift is intended to help a person with a weight up until 120 kg transferring to and from bathroom, during shower as well as to an upright position from a normal toilet.

Warning: Risk of tip when used by persons with a weight over 120 kg.

Warning: TA. mobile shower/toilet lift must be placed on a plane/smooth surface with an inclination of max. 3 degrees, to avoid risk of tip.

Before use

1. Adjustment of the shower/toilet lift

The distance between the armrests can be adjusted by loosening the screws that lock the armrests in position and then push the armrests in or out for desired width. Fix the screws again.

The seatdepth can be adjusted by loosening the screws, (fig. 1), that locks the back.

Then pull the back backwards until desired seatdepth, (fig. 2), fix the screws again.



Fig. 1



Fig. 2

The backheight can be adjusted by loosening the screws, (fig. 3), that locks the backheight. Pull the back until desired height, (fig. 4), fix the screws again.



Fig. 3



Fig. 4

The legrests can be adjusted in horizontal level by loosening the screws, (fig. 5), that locks the legrests and pull them until desired position, (fig. 6), fix the screws again.

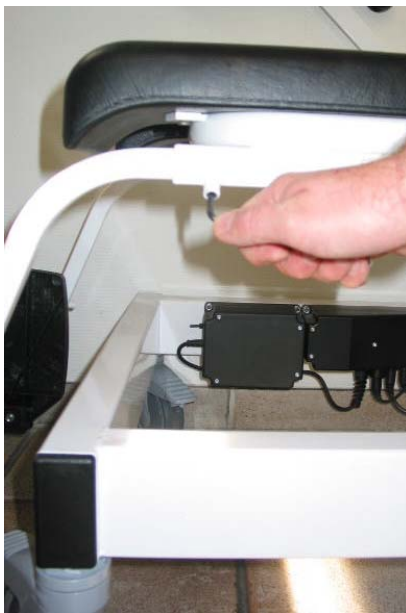


Fig. 5



Fig. 6

The height of the legrests can be adjusted by loosening the screws on the legrest tube, (fig. 7), adjust the legrests until desired height, (fig. 8), fix the screws again.



Fig. 7



Fig. 8

Warning: TA. mobile shower/toilet lift must not be used before arm rest width, seat depth, backheight and legrests have been correctly adjusted and properly fixed by trained personal.

Warning: When folding up the armrest closest to the vertical lifting device a risk of squeezing parts of the body may occur.

2. Batteries

The batteries of a new shower/toilet lift must always be fully charged before use, (see paragraph 2. charging).

3. Toiletseat

If the shower/toilet lift should be used as toilet lift the existing toiletseat must be removed.

Use

1. Lifting

Foldable armrests makes the transfer to and from the wheelchair easier.

Warning: Put the brake on all four wheels when the user is in the shower/toilet lift, except when the shower/toilet lift are in the lowest position and are being used for transport.

When folding up the armrest closest to the vertical lifting device a risk of squeezing parts of the body may occur.

For users with bad bodybalance a breaststrap can be recommended.

A back with an integrated breaststrap with velcro is available as an accessory.

Note: If the user can not move him self to the shower/toilet lift, the helpers must be specially attentive to lifts or movements, when they help the user into the shower/toilet lift. This applies whether a lift, a slideboard or support is being used at the transfer.

Adjust the shower/toilet lift up or down, by pressing the buttons on the handcontrol.

Warning: When the user is in the shower/toilet lift take care that the lift is placed in a way that secures that objects such as tables, washbasins etc. will not squeeze parts of the body. Parts of the body may be squeezed between the toilet and the seat rim of the shower/toilet lift. There could also be a risk of squeezing between the legrest and the underframe if the users legs falls down from the legrests. Caution shall be taken when lowering the shower/toilet lift to the minimum seat height.

Ensure that there are no objects under the shower/toilet lift when lowering.

Furthermore there is a risk of squeezing the fingers if placed between the vertical lifting device and the motor when lifting.

Warning: Forward stability is decreased when the vertical lifting device is lifted to its maximum height. Caution shall be taken when mounting and dismounting the shower/toilet lift at maximum seat height.

The shower/toilet lift is not designed to go over obstacles such as doorsteps etc. The shower/toilet lift should only be wheeled on a plane/hard surface to avoid risk of tip.

The hand control may be placed in the fitting at the armrest or put at an appropriate place in the room.

2. Charging

The batteries should be recharged regularly. An acoustic warning signal (buzzer) will sound when batteries are discharged to about 50 %.

Connect the supplied charger to the charger plug on the controlbox, (fig. 9 – fig. 11), and to a 240V wall socket. Remember to switch on the wall socket. Leave the charger connected for 10-12 hours.

Note: Never leave the charger connected full time.

When the batteries have been changed they must be fully charged before use. After charging put the charging plug of the shower/toilet lift on the screw with the O-ring again, to avoid any water entering the charging plug.



Fig. 9



Fig. 10



Fig. 11

3. Maintenance

The white frame and the armrests may be cleaned with water and an ordinary detergent. The black handcontrol, lifting motors and the black controlbox should only be cleaned with a damp wash cloth with a mild detergent. It is recommended to wipe of the handcontrol, lifting motors and controlbox with a damp wash cloth after use in wet environment.

After 3 years the following parts must be checked:

- The bolts at the base of the vertical lifting device must be tightened up to 5 kpm.
- The bolts at both ends of the lifting motor must be tightened up to 5 kpm.

After 6 years the following parts must be checked:

- The sliding guides inside the vertical lifting device for wear and tear.
- The lifting motor and its locknut.

The inspection must be done by authorised personnel from the distributor or a specialist authorised by TA. Service Ltd.

Warning: Insufficient maintenance of bolts, sliding guides and motor can cause malfunction.

Note: TA. Service Ltd. Cannot be rendered liable for defects or accidents due to maintenance executed by unauthorised personnel.

4. Troubleshooting

Problem	Possible fault	Action
No lifting effect	Plugs not in place	Press plugs in
	Handcontrol defect	Call authorised personnel *)
	Control defect	Call authorised personnel *)
	Fault in motor	Call authorised personnel *)
Lifting effect slow	Batteries needs recharging	Recharge batteries
Buzzer is sounding	Batteries needs recharging	Recharge batteries
Batteries need recharging frequently	Batteries are worn down	Replace batteries

Repair must be executed by TA. Service Ltd. or by authorised personnel.

*) Before calling authorised personnel please note and describe the problem as accurate as possible. This will make it easier to identify the problem.

Note: Only original spare parts from TA. Service Ltd. must be used for maintenance and repair. TA. Service Ltd. cannot be rendered liable for defects or accidents due to repair executed by unauthorised personnel, nor due to use of batteries or other spare parts not delivered by TA. Service Ltd.

Accessories

Backrestcover with velcro
Backrestcover with integrated breaststrap with velcro
Pressure relief seatcover
"Plug" for eliminating the toilet cut-out
Holder for toiletrolls
Bedpan with lid

Specifications

User weight max.	120 kg
Seat height	48-88 cm
Lifting interval continuously variable	40 cm
Seat width	42 cm
Seat depth	41 cm
Backrest height	34-46 cm
Armrest height	23 cm
Distance between armrests	49 cm
Legrest height	31-51 cm
Total width	63 cm
Total height	105-145 cm
Turn diameter, min	100 cm
Wheels	10 cm with individual brake
Weight	32 kg
Batteries	2x12V, maintenancefree
Batterycapacity	Approx. 60 lifts of 60 kg for each charging
Charging alarm	Acoustic
Materials	
Seat	Urea plastic
Frame	Powder coated stainless steel
ISO Classification:	ISO 12 36 06
Art no.:	30026

TA mobile electrical shower/toilet lift is manufactured and tested in accordance with the international standards DS/EN ISO 10535:1998 and DS/EN 12182:2000.

Agreement declaration

In accordance with the Proclamation for Medical Equipment, The Ministry of Health, Proclamation No. 734 of August 10th. 1994. EU's Directive on Medical Equipment 93/42/EØF).

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Product name: TA mobile electric shower/toilet lift
ISO Classification: ISO 12 36 06
Art. No.: 30026

Serial no.:

Production year: 2009

The above machinery is hereby declared to be in accordance with the essential demands of the Proclamation for Medical Equipment, Ministry of Health, Proclamation No. 734 of August 10th. 1994. EU's Directive on Medical Equipment (93/42/EØF).

Signature: Faxe, Denmark the

Torben Andersen
Managing Director