



COBI REHAB®
The Positioning Company

USER MANUAL

Tilt Shower Commode

Danish designed shower commode that tilts the bariatric user to a 30° angle. A carefully considered and safe combination chair that takes both the user and the caregiver into consideration in any bathing situation.

Tilt Shower Commode is used in care homes, institutions, and hospitals.
User weight up to 325 kg.



- Brakes on all four wheels.
- Optional extra-wide butterfly arm rests.
- Remote control provides the caregiver with easy access to the electrical functions.
- Ensures a better working environment for the caregiver and a comfortable and safe bathing experience for the user.
- Adjustable seat height and seat depth.
- Several types of leg rests.



Cobi Rehab and Cobi Rehab suppliers comply with the UN conventions on child labour and forced labour as well as ILO 029, C132 and C182.

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1. Safety



WARNING

Do not use the Tilt Shower Commode without thorough instruction from trained staff or from persons who have received instruction in the use of the shower commode. Improper operation may injure the user.

Using the Tilt Shower Commode for people weighing more than the maximum user weight of 325 kg increases the risk of damaging the shower commode.

Read this user manual carefully before using the Tilt Shower Commode. Pay particular attention to Safety Instructions marked

Cobi Rehab assumes no responsibility for any damage to the product nor for personal injury caused by incorrect installation, incorrect mounting, or incorrect use of the Tilt Shower Commode.

Immediately contact Cobi Rehab if parts are damaged or missing. Never use your own spare parts.

Cobi Rehab cannot be held responsible for errors or accidents occurring after repairs are made without written permission from Cobi Rehab.



SAFETY INSTRUCTIONS

In this user manual, the symbol indicates a safety instruction. Follow safety instructions carefully.

The care staff assesses whether the user should be restrained in the Tilt Shower Commode during use for safety reasons.

Always lift users not able to stand and walk in and out of the shower commode.

Always take care when using the tilt-in-space function to avoid jerky movements.

The maximum user weight of the Tilt Shower Commode is 325 kg.

The surface temperature can rise when the shower commode is exposed to external heat sources e.g., sunlight.












Due to its large width, the Tilt Shower Commode may have difficulty passing through ordinary doorways and emergency exits.

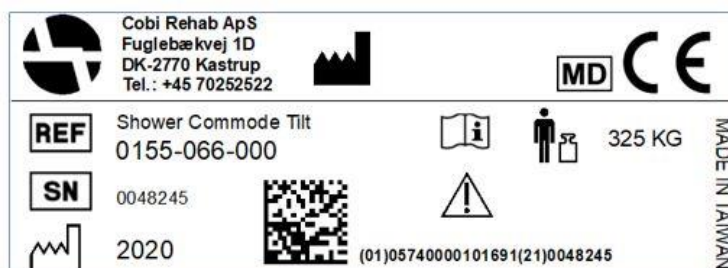
Always use helper control for users with impaired cognitive function.

Tilt Shower Commode may only be used on a flat, hard floor with a maximum inclination of 3°. Larger slope increases the risk of tipping.

Always ensure that Tilt Shower Commode is charged.

2. Explanation of symbols

The following symbols are used in this user manual and/or on the product label.	
	Caution!
	Double insulated (class II)
	Declaration of conformity, Medical Device Regulation, EU 2017/745
IP44	IP-classification
	Dispose of through correct waste management
	Cobi Catalogue number
	Serial number
	Year of manufacture
	Manufacturer
	Medical device
	Max. user weight
	Consult the manual
CE label located at the frame.	
See an example of an CE-label below.	



3. General comments

This user guide contains important information about the use of the Tilt Shower Commode and the target group for the shower commode. It also includes a wide range of specifications on the Tilt Shower Commode.

The most recent version of this user guide can be found on our website. Check if the version you are reading now is the most recent.

If you need a user guide that is written in a larger font size, the product sheet is available in PDF format at cobirehab.com, which can be scaled up to the required font size.

You can always contact Cobi Rehab at + 45 7025 2522 or cobi@cobi.dk if you want more information about the Tilt Shower Commode.

Cobi Rehab reserves the right to change the product specifications without providing prior notice.


The UDI number of the shower commode appears on the label, which is located on the side of the frame.

Product safety notices and product recalls can be viewed on the website.

4. Application

Tilt Shower Commode is designed for indoor use in e.g., hospitals, care centres and institutions.

Tilt Shower Commode is intended for users of up to 325 kg with reduced physical functional capacity.

 Tilt Shower Commode is not intended for traversing obstacles such as doorsteps, etc. The shower commode should only be used on a firm surface to avoid the risk of tipping.

The intended operator of the Tilt Shower Commode is a health professional, such as a therapist, nurse, or social and healthcare worker.

Tilt Shower Commode can be used in environments with a temperature range of 0-40°C and a humidity interval of 20-80%.

Contraindications

Monitor users with cognitive impairment while using the Tilt Shower Commode.

5. Use

Before use

The arm rests must be correctly mounted in the holes on the side of the shower commode.

The width of the footrests may be gradually adjusted. Always mount the lock bolts under the footrests correctly in the foot rest holes.

The lock bolts must not be tightened against the footrests outside the holes.


Ensure that the seat is correctly mounted on the seat frame of the shower commode.

Do not use the shower commode until both arm rests have been mounted. Without arm rests, the user may fall sideways.




Tilt makes it easier for care staff to perform daily hygiene and care for skin and tissue.

While in use

 The user must not use the footrests to stand on or as a step during transfer as this may lead to a risk of tipping.

Risk of trapping

- Mounting the arm rests while the user occupies the shower commode, may cause trapping between the arm rest and the side of the chair.
- A foot may be trapped between the footrests if the lock bolts are not correctly mounted in the foot rests.
- Fingers and other body parts may be trapped between the seat frame of the shower commode and a toilet bowl or the bedpan. Therefore, always exercise great care when moving the shower commode above a toilet, or when the bedpan is inserted underneath the seat.
- A caregiver's hand may be trapped between the handlebar and the seat frame when the seat is in the top-most position.

 Always make sure to brake at least two wheels when transferring the user to and from the Tilt Shower Commode and when the user occupies the shower commode.

When transporting the user, the seat of the shower commode must be lowered as far down as possible, as it may otherwise tip.



Tilt is a unique combination of a commode chair and a bath chair.



The bedpan is easy to insert and empty.

6. Charging and operation

6.1 Preparation

1. Insert the battery into the charger. When the battery is rotated in the charger, it is automatically pulled into place by two magnets at the bottom of the charger.
2. Connect the charger and the power supply plug and plug it in. The LED on the plug section lights up red during charging. The LED lights up green when the battery is fully charged.
3. Remove the battery by turning it in the direction of the arrow.
4. Insert the battery into the control box that is attached to the handlebar. You will hear a beep from the control box when the battery has been correctly inserted.

Always charge the Tilt Shower Commode after use.

Actuators

Tilt Shower Commode is equipped with two actuators, mounted under the seat. The actuators allow the Tilt Shower Commode to tilt.

The two actuators must be calibrated before the first use of the Tilt Shower Commode.

0-point calibration

Calibrating means that a measurement is made and subsequently an adjustment of an object (e.g., an actuator) to a specific measurement is made. Calibration of the two Tilt Shower Commode actuators means that they move up and down synchronously on each side of the shower commode.

A manual 0-point calibration is performed via the remote control:

1. Press the "Arrow-down button" for approx. 20 seconds until the control box emits a mechanical motor sound.
2. Release the button when the seat is in the bottom position. The two actuators are now calibrated.

Tilt must also be 0-point calibrated on:

1. Battery replacement.
2. Using the chair after having not used it for a long time.
3. Operational failure.



Battery inserted into the control box and ready for use.

In case of other irregularities, please contact Cobi Rehab at +45 7025 2522 or at cobi@cobi.dk.

Low battery level

The battery emits five short buzzing sounds if the battery level is too low for the actuators to move down and up. At low battery levels, the actuators can only move downwards.

Charge the Tilt Shower Commode.

Flat battery


The battery emits a buzzing sound when it is flat. After the buzzing sounds, the actuators stop immediately, and the control box stops working.

Let at least one minute elapse before inserting a new battery. Remember to calibrate the actuators after battery replacement.

Hard strain on the battery

If the battery is heavily strained with many successive up-and-down movements, the battery may become too hot, thus activating the safety thermostat inside the battery.

This means that the control box will stop working. The battery must be allowed to cool down for at least 30 minutes before being used again.

 The Tilt Shower Commode is slowly discharged when not in use. The battery will not emit a "flat battery" alarm when the shower commode is left unused. Therefore, always have a charged battery to hand.

7. Operational failure

If the beep (emitted when inserting the battery in the control box) is followed by two buzzing sounds, this means that the actuators need to be O-point calibrated. See the section on O-point calibration on the previous page.

Five short buzzes mean that the battery needs charging and, thus, the actuators will not work.

Both buzzes will be emitted if both calibration and battery replacement are required.

Always keep an extra charged battery hand to avoid downtime.

Always wait at least two seconds from the actuators stopping before removing the battery. Remember to calibrate the actuators after battery replacement. See the section on O-point calibration.



7.1 Calibrating the actuators using the remote control

If issues with operation arise, it is important to check that all plugs are correctly connected to the control box and the remote control as well as between the battery and the control box.

If the actuators do not work despite the battery being charged, the Tilt Shower Commode must be O-point calibrated.

O-point calibration

The manual O-point calibration is performed using the remote control:

1. Press the "Arrow-down button" for approx. 20 seconds until the control box emits a mechanical motor sound.
2. Release the button once the seat has reached bottom position. The two actuators have now been calibrated.



8. Cleaning and maintenance

The Tilt Shower Commode frame, seat and arm rests can be cleaned using water and a regular cleaning agent.

The seat can be removed and disinfected using ethanol 70-85% or a chlorine product of min. 1000 ppm and max. 10000 ppm.

The remote control and control box can be disinfected using ethanol 70-85% or a chlorine product of min. 1000 ppm and max. 10000 ppm.

Bolts and lock nuts must be regularly inspected and possibly retightened.

Failure to inspect bolts may result in malfunction.

Battery handling

Always use batteries that are in good condition and fully charged when installed in the control box.

Battery life can be extended by recharging it albeit if it is not entirely flat.

If the control box is not to be used for a considerable period (days and weeks), the battery should be removed from the control box to prevent it from being completely discharged which could cause permanent damage to the battery.

9. Transport and storage

When the Tilt Shower Commode is not in use, store it in a dry place and between -10 – 40°C.

The Tilt Shower Commode is suitable for land and/or air transport (without the user). The Tilt Shower Commode cannot be folded as the frame is fixed.

To avoid injuries to e.g., the back, care staff should refrain from carrying the 39 kg shower commode. If it is to be transported, the Tilt Shower Commode can be lifted by the frame, without the user being seated in it, into a motor vehicle.

9.1 Long-term storage

When storing the Tilt Shower Commode for a longer period (more than three months), store it in 0-40°C and a humidity not exceeding 80%.

It is recommended that the battery is charged to 60% prior to storage.

When putting the Tilt Shower Commode into use again after long-term storage, it must be connected to the power supply and charged for at least ten hours.

Keep an eye on the battery capacity as the Tilt Shower Commode will discharge over time.

10. Recycling and disposal

Dispose of products that are no longer in use in an environmentally safe manner.

Contact your local authority or Cobi Rehab for further information on disposal.

Contact Cobi Rehab for more information on the recycling of Lithium batteries and parts of the Tilt Shower Commode.

11. Warranty

Cobi Rehab warrants that the Tilt Shower Commode is without defects on delivery.

If, against all expectations, the Tilt Shower Commode is subject to deficiencies or defects on receipt, please contact Cobi Rehab immediately.

The warranty period for the Tilt Shower Commode is **one year from the date of purchase** and covers manufacturing defects or defect on receipt. The invoice is your certificate of warranty.

The warranty does not apply to:

- products on which the serial number, batch number or the like have been removed or significantly damaged.


- products which have been repaired by unauthorised personnel.

The warranty does not cover:

- wearing parts.

This warranty does not apply when Cobi Rehab assesses that the Tilt Shower Commode has been improperly operated.

For damage caused by improper operation, an invoice will be issued for both the service and the spare parts used.

 Lack of maintenance can damage the product, shorten the life, or affect the performance of the Tilt Shower Commode.

11.1 Unintended event

Report any incidents related to the use of the Tilt Shower Commode to Cobi Rehab.

11.2 After expiry of the expected service life

After the expected service life, it is important that an overall assessment of the product is made before continued use.

After the expected service life, Cobi Rehab cannot guarantee the suitability and safety of the product, as Cobi Rehab has no control over how the product is used and wear and tear.

The overall assessment of the product must be carried out by qualified professionals, and as a minimum, consideration must be given to how the product has been used, the condition of the product and its components.

Cobi Rehab can always make such an assessment.

12. Specifications

Max. user weight	325 kg
Risk class	I
Basic UDI DI	5740000100005N4
Expected product service life	7 years
Expected battery service life	2-3 years
Total length in low position	1400 mm
Total width standard arm rests/butterfly arm rests	720/860 mm
Seat width	610 mm
Seat depth adjustable	420/480/540 mm
Seat angle electric backwards	0-30°
Width between standard arm rest/butterfly arm rest	610 mm/750 mm
Width toilet opening	Ø 240 mm, 350 mm long
Distance from ground to seat underside	445 mm
Distance from ground to push bar	1000 mm
Distance from seat to footrests	390/420/450/480 mm
Distance from seat to arm rests	220 mm
Total weight of Tilt Shower Commode	39 kg
Swing away arm rests	Yes
Footrests folding/removable	Yes
Footrests swing away, height adjustable	Yes
Neck support	Yes
Lockable wheels	Yes, 4
Up/down capacity with fully charged battery	Approx. 20 times
Turning radius	1580 mm
Frame	Powder lacquered chromium molybdenum steel
Wheels	Ø150 mm with brake
Seat/back/arm rests	Polyurethane
IP-classification	IPX5
ISO classification	09 12 03 - 23
Four actuators	Concens
Control box	Concens
Remote control	Concens

Risk assessment	EN/ISO 14971:2012
General requirements and test methods	EN 12182:2012, EN/ISO 10535:2006

13. Accessories and spare parts

Accessories	Part number
Butterfly arm rest right (adds 7 cm width between the arm rest)	0150-999-012R
Butterfly arm rest left (adds 7 cm width between the arm rest)	0150-999-012L
Neck support adjustable	0156-999-020
Seat entirely with cover for shower commode	0150-999-023
Bedpan with cover	0140-999-001
Footrest standard shower commode right	0156-999-090H
Footrest standard shower commode left	0156-999-090V
Lateral leg rest for shower commode right	0156-999-030
Lateral leg rest for shower commode left	0156-999-031
Battery for Tilt Shower Commode	0156-999-050



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