



COBI REHAB

USER GUIDE

The Kamille Comfort Wheelchair

A unique sensory-stimulating comfort wheelchair

The individual fit and extreme comfort help to increase activity level and quality of life.
Max. user weight 140 kg.



CRASH TESTED
ISO 7176-19



COBI REHAB



- Asymmetric adjustment of back system and seat system
- Exceptionally flexible armrest
- Electrically adjustable back and electric tilt-in-space as standard
- Crash tested according to ISO 7176-19
- Swing away legrest as standard
- Specially developed removable, padded body supports (optional)
- Detachable swing away legrests (optional)



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

Contents

1. Safety	3
2. Explanation of symbols	5
3. General	6
4. Use	6
5. Component overview	7
6. Cushion overview	8
7. Adaptation of the Kamille Comfort Wheelchair	9
8. Electric tilt-in-space and back adjustment	15
9. Cleaning and maintenance	16
11. Recycling and disposal	17
10. Transport and storage	17
12. Warranty	18
13. Specifications	19
14. Accessories	21

1. Safety

WARNING

The Kamille Comfort Wheelchair must not be used without thorough instruction from trained personnel or persons who have been instructed in the use of the wheelchair. Improper operation can result in personal injury.

Using the Kamille Comfort Wheelchair for individuals over the maximum user weight of 140 kg increases the risk of damaging the wheelchair.

You must read the User Guide carefully before using the Kamille Comfort Wheelchair. Pay special attention to the safety instructions marked with .

Unauthorised modification of the medical electric (ME) equipment is NOT allowed. Any unauthorised modification to the ME equipment can result in serious harm and will immediately invalidate any warranty.

Cobi Rehab assumes no responsibility for any damage to the product or personal injury caused by incorrect installation, incorrect assembly, or incorrect use of the Kamille Comfort Wheelchair.

Contact Cobi Rehab immediately if there are damaged parts or defects. Never use your own replacement spare parts.

Cobi Rehab cannot be held liable for faults or accidents that occur after repairs done without written permission from Cobi Rehab.



SAFETY INSTRUCTIONS

The symbol in this User Guide indicates a safety instruction. Safety instructions must be followed carefully.

The care staff should assess whether the user should be restrained in the Kamille Comfort Wheelchair for safety reasons during use.

Users who are unable to stand or walk must always be lifted in and out of the Kamille Comfort Wheelchair.

The Kamille Comfort Wheelchair has a max. user weight of 140 kg.

The stopping distance on slopes can be significantly greater than on level ground.

The surface temperature can increase if the wheelchair is exposed to external heat sources, e.g., sunlight.

It may be difficult for some particularly wide Kamille Comfort Wheelchairs to pass through ordinary doors and emergency exits.

Always use the helper control for users with impaired cognitive function.

Always make sure that the Kamille Comfort Wheelchair is charged.

When purchasing accessories, these must be (retro)fitted by trained technical personnel or by Cobi Rehab's own service technicians.

Electrical Equipment:

This equipment is operated by an electrical system which controls the seat tilt and backrest recline functions. To ensure complete shutdown of the equipment, the battery and power supply must be disconnected from the control box.

ELECTRICAL EQUIPMENT CANNOT BE TURNED OFF BY REMOVAL/SHUTDOWN OF ACTUATORS OR REMOTE.

Battery driven use: Disconnect and remove the battery.

Netadapter: Unplug the charging chord from the power source. This ensures no part of the equipment is electrically charged and the risk of accidental electrical discharge is minimized.

Netadapter – Safety Requirements: This product utilises the Linak CO41 control box. To ensure electrical safety in accordance with IEC 60601-1, mains supply grid should be limited to the highest prospective short circuit current of 1500A. Linak CO41 control box is in accordance with demands to mains supply safety for the application in accordance with IEC 60601-1 ed. 3.2. § 8.11.5.

The Kamille Comfort Wheelchair (w/o electric propulsion) has been tested and found to comply with EN 60601-1-2:2015 + A1:2021 / IEC 60601-1-2:2014 + AMD1:2020 requirements for electromagnetic compatibility (EMC). However, electromagnetic interference may still occur if the equipment is used in proximity to other electrical devices, including mobile phones, wireless transmitters, or other medical equipment.

WARNING: During certain investigations or treatments, this equipment may be affected by, or cause, electromagnetic interference with other medical devices.

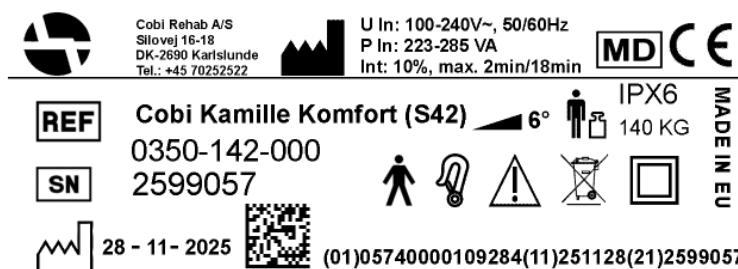
To minimize this risk:

- Do not position the equipment adjacent to or stacked with other electrical or medical devices.
- Maintain recommended separation distances between portable or mobile RF communications equipment (such as mobile phones, Wi-Fi, or Bluetooth) and this device.
- Follow the instructions provided in this manual.
- Contact the manufacturer if abnormal operation is observed that may be caused by electromagnetic interference.

Detailed EMC test data and recommended separation distances are available upon request.

2. Explanation of symbols

	Attention / Warning
	General Warning Sign
	Double insulated (Class II)
	Declaration of Conformity under the Medical Device Directive
IPX6	Water resistant
	6° max. ground slope
	Must be disposed of through correct waste management
	Cobi Rehab catalogue number
	Serial number
	Transit tie-down fixing point for passenger transport in a wheelchair by car
	Approved according to ISO 7176-19 for passenger transport by car
	Year of manufacture
	Manufacturer
	Max. user weight
	Consult the manual
	Temperature Limit
	Humidity Limitation
	Atmospheric Pressure Limitation
	Type B Applied Part
<p>The CE label is located on the side of the frame. A copy of the CE label can be seen below.</p>	



3. General

This User Guide contains important information on the Kamille Comfort Wheelchair's use and target group. The user guide also contains a range of specifications for the Kamille Comfort Wheelchair.

An extended wear & tear and maintenance overview can be downloaded at our website

The latest version of this User Guide can be found on our website. Check that you are using the latest version.

If you need a version printed in a larger font size, it is available in PDF format at cobirehab.com, where it can be scaled up to the desired font size.

Please contact Cobi Rehab on +45 7025 2522 or at cobi@cobi.dk for more information about the Kamille Comfort Wheelchair.

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

The wheelchair's UDI number can be found on the CE label, which is located on the side of the frame.

Product safety notices and product recalls can be viewed on the website at <https://www.cobirehab.com/kunde-hos-cobi/vigtig-produktinformation/>

4. Use

The Kamille Comfort Wheelchair is primarily for use indoors in care facilities and private homes.

The width of the Kamille Comfort Wheelchair generally allows it to pass through ordinary doorways.

The Kamille Comfort Wheelchair is intended to provide mobility for users who are in a sitting position for prolonged hours. Max. user weight 140 kg.

The wheelchair is intended to be operated by a qualified healthcare professional, e.g., a therapist, nurse, or care worker.

The Kamille Comfort Wheelchair can be used in environments with a temperature of +5°C to 40°C and humidity of 20-80%, non-condensing.

Crash tested

The Kamille Comfort Wheelchair has been crash-tested at an accredited test institute in Germany. This means that it can be used as a seat for a bariatric user in a motor vehicle.

Contraindications

Users with impaired cognitive function must be monitored in connection with use of the Kamille Comfort Wheelchair.

Before use

When the user is placed in the comfort wheelchair for the first time, a professional assessment should be made of whether the various cushions have the right amount of filling.

If the user requires more or less filling, the user should be moved out of the wheelchair, after which professionally trained personnel should add filling to, or remove it from, the cushions in question.

If additional support is required, a wedge system can be inserted. This assessment should be made by professionally trained personnel during the adaptation.

Recommendations

A maximum of 50% of the filling may be removed from a Kamille Comfort Wheelchair cushion. Always carry out a hand test to assess how the user is positioned. This applies regardless of whether filling has been removed or not. We do not recommend removing filling from the seat cushion.

Cobi Rehab do not recommend smoking in the wheelchair, as embers and lit matches could lead to the wheelchair catching fire, potentially causing injury to the user.

We always recommend using the associated stretch covers (purchased separately), as these are flame retardant.

The Kamille Power with drive motor

The Kamille Comfort Wheelchair is also available in a motorised version (the Kamille Power Comfort Wheelchair). The motor can be retrofitted in previously purchased wheelchairs.

5. Component overview



1. Headrest
2. Back system
3. Push bar
4. Handbrake
5. Armrest
6. Seat system
7. Skirt guard
8. Footrest
9. Anti-tip

From top to bottom, the remote control shows the:

- Battery indicator
- Recline function
- Tilt function
- RESET function

The wheelchair is awakened from "sleep" by pressing any button on the remote control.

Reset the tilt system by pressing down the arrows marked with a small red dot until both actuators are fully contracted.

Indicator lights

Battery level: The battery indicators light up when the tilt and recline system is ready for use. Depending on the battery level, the LEDs light up 25%, 50% and 100%.

Charging: The charging indicator lights up when the charging cord is connected to a power source.

Critical Error:

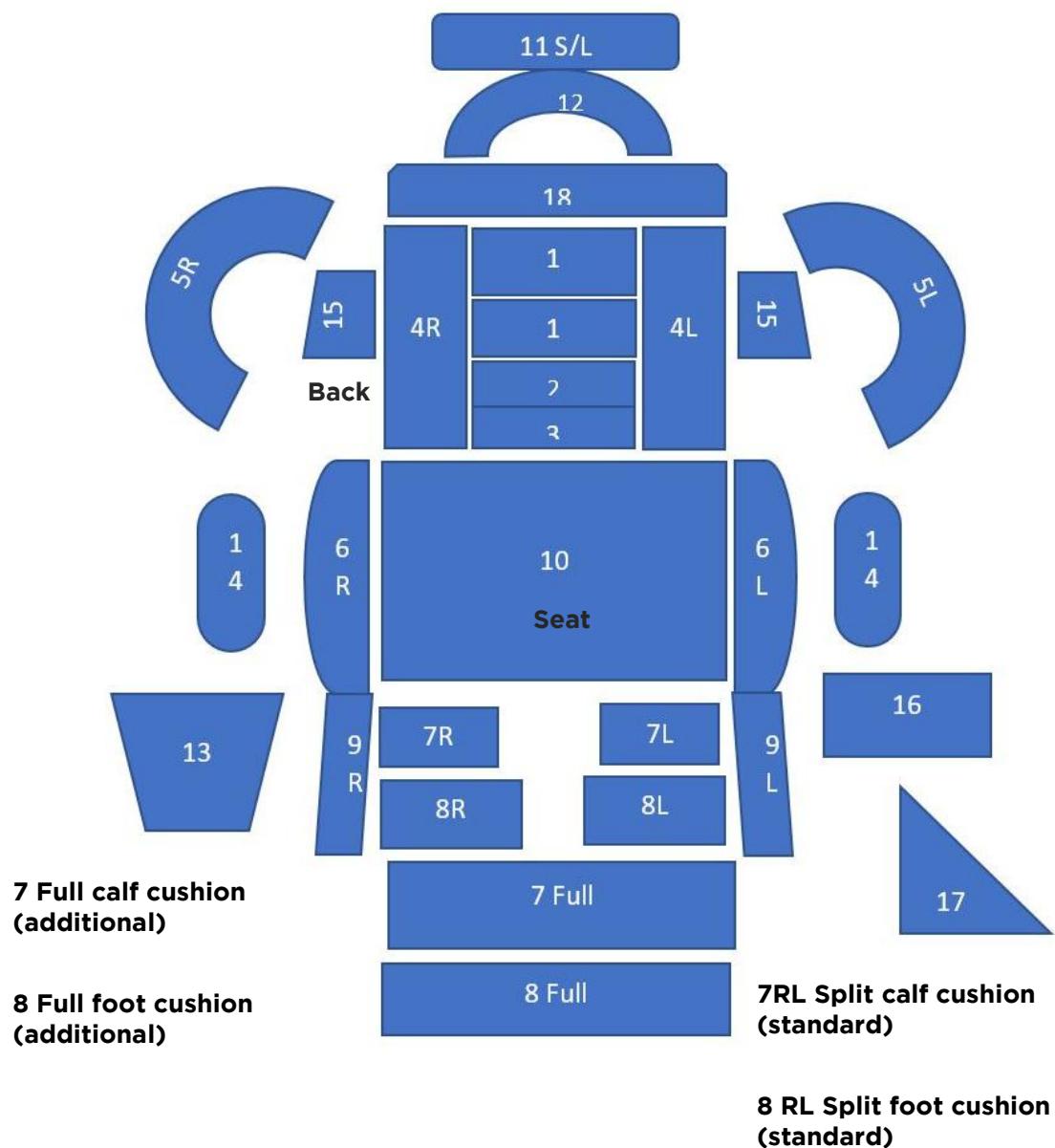
All LEDs flash if any critical error is detected in the electrical system.



6. Cushion overview

- 1 Back cushion
- 2 Back cushion
- 3 Back cushion
- 4 Back cushion, RL
- 5 Weighted flexi arms, RL (additional)
- 6 Skirt guard cushion, RL
- 7 Calf cushion, full (additional)
- 7 Calf cushion, split, RL
- 8 Foot cushion, full (additional)
- 8 Foot cushion, split, RL

- 9 Footrest tube cushion, RL
- 10 Seat cushion
- 11 Headrest
- 12 Weighted neck cushion (additional)
- 13 Weighted blanket (additional)
- 14 Armrest cushion, RL
- 15 Body support cushion, RL (additional)
- 16 Knee cushion (additional) ETA 2024.
- 17 Seat cushion wedge (additional)
- 18 Back extension cushion (additional)



7. Adaptation of the Kamille Comfort Wheelchair

The Kamille Comfort Wheelchair provides exceptional support because its design is so flexible that it can support contractures in both upper extremities and lower extremities without special adaptation.

The potential to adapt optimally to the individual helps to increase activity level, function level and quality of life.

The Kamille Comfort Wheelchair seat can be tilted up to 45°, which aids in transfers and other manoeuvres. The back can be angled up to 35°.

The Kamille Comfort Wheelchair can also be adapted to the user's hip, knee, and ankle joints.

Electrically adjustable back and electric tilt-in-space

The Kamille Comfort Wheelchair comes with an electrically adjustable back and electric tilt-in-space as standard. The various electrical functions are continuously variable, which means the user will not experience any annoying lurches.

The electric function also allows adjustment of the hip angle and the angling of the seat back.

The electrically adjustable back function locks automatically.

Electric tilt-in-space and back adjustment ensure better working conditions for the helper, who can avoid using their own body weight when handling the wheelchair.

The electric functions are activated with a remote control that can be operated by either the user or the helper.

7.1 Seat system

The seating system can be adjusted for users with asymmetry issues. The seat system consists of two independent plates that can be positioned independently of each other via slots.

The two independent plates in the seat system ensure a precise adjustment that matches the user's individual anatomical needs.

This benefits users who are challenged by e.g., anisomelia (unequal leg lengths), difference in the amount of tissue on the UE or hip joint abduction. The potential to adjust asymmetrically also addresses challenges faced with windswept posture.

The position of the seat plates can be adjusted manually with ordinary tools. This is done by loosening two nuts on each side, after which the depth, width and angle can be adjusted.

 Remember to retighten the nuts after adjustment.

The cushion system on the Kamille Comfort Wheelchair is located directly on top of the seat plates.

The seat cushion is split into sections, which allows filling to be added or removed for optimal comfort.

Skirt guards

The Kamille Comfort Wheelchair is equipped with padded coat guards that follow the movements and angle of the seat plate. The padded skirt guards can also be "folded out" to the sides to facilitate transfers.

When using a positioning harness, the harness bracket (additional) can be fixed in the two slots located at the rear of the seat system.

There are an additional two slots in each skirt guard where the positioning harness can also be fitted.



Padded skirt guards

7.2 Back system

The back system

The back can be adjusted asymmetrically. This makes it easier to address anatomical challenges such as scoliosis, increased lateral flexion of the trunk or asymmetric tissue caused by e.g., being overweight, hernias or oedema.

Asymmetrical adjustment is possible thanks to the three aluminium plates that make up the back system. Two of the plates can be moved independently of each other, even though all three plates are connected.

The back system consists of the back base, which is mounted in six slots. The slots allow the back base to be adjusted in height.

The side plates, mounted in two slots, can be loosened using ordinary tools. When the two nuts are loosened, it is possible to adjust the width and angle of the back.

 Remember to retighten the nuts after adjustment.

The recline function of the back system is designed to reduce the risk of shear of tissue when the back angle is altered. The height of the back can be increased by 80 mm (using a back extender) without compromising the settings of the back system.

The back extender (additional) consists of three plates mounted on the back system. The back extender can also be adjusted asymmetrically making it easier to address anatomical challenges.

The positioning harness is mounted using the harness bracket (additional) in the four slots (two at the top and two at the bottom of the back plates).



Asymmetrical adjusting makes it easier to address anatomical challenges.



The design of the back system reduces the risk of shear of tissue when altering the angle.



The padded body supports comes in different sizes and with or without hoods.

7.3 Padded body supports (additional)

Specially developed body supports placed in slots on the back system contribute to near-body trunk stability, regardless of whether the user has scoliosis or decreased/increased thoracic tone.

The body supports on the back system can be placed very close to the user so they cannot "fall out of" or "fall over" the body support.

Multiple body supports can be placed on each side for more complex needs.

The body supports on the Kamille Comfort Wheelchair are padded with viscoelastic foam and polystyrene beads.

7.4 Legrests

The Kamille Comfort Wheelchair is equipped with swing-away leg rests as standard. Swing-away leg rests support the user in "manual transfer" from the nursing bed to the wheelchair for a longer period.

The leg rests can be height-adjusted and angle-adjusted above the knee and ankle joints. The leg rests are padded with foam on the outside and a cushion (viscoelastic foam and polystyrene beads) on the inside. The padding on the outside is made of foam to reduce the risk of unwanted contact with the frame.

With the help of small inserts (additional), the footrests can go from two-part to unified for use in cases of e.g., severe adduction.

The swing-away function can also lock the leg rests at a more open angle, which allows users with legs in abduction position to sit in a fully supported position.

Joints for mounting of detachable swing-away leg rests is also available.

⚠ It is not permitted to place the entire user weight on the individual or combined footrests when:

- Getting in and out of the wheelchair.
- Assisting a user in getting in and out of the wheelchair.

Use the Swing-away function to make way for correct transfer in and out of the wheelchair.



The leg rests can be height-adjusted and angle-adjusted above the knee and ankle joints.



Different kind of swing away functions for the different needs of the users.

7.5 Armrests

The position of the armrest can be adjusted relatively easily using an Allen key.

The armrest can be angled inwards, downwards, and upwards or adjusted in height using thumb screws. This allows the armrest to be angled to accommodate increased muscle contraction or over-/underactivity in the muscles of the upper extremities.

The armrest padding contains the same type of filling as the other cushions on the Kamille Comfort Wheelchair.

The padding increases the number of sensory stimuli and minimises the risk of pressure sores.

The armrest can be angled to a natural resting position.

Weighted flex arm supports can be purchased to support the user's arms and help provide additional security, peace of mind and comfort.

⚠ Be aware that the user can fall out of the wheelchair if the armrest is not locked in position.



The bottom thumb screw allows the armrest to be removed.

The middle thumb screw adjusts the height. The top thumb screw angles the armrest forwards, backwards and out (swing-away).

7.6 Cushion system

The Kamille Comfort Wheelchair is equipped with a complete and unique cushion system that ensures optimal pressure distribution and near-body positioning. The cushions are filled with a mix of polystyrene beads and foam, which together contribute to increased sensory stimuli. Each cushion has its own zipper.

The point of contact with the polystyrene beads results in many "messages" being sent to the brain.

The processing of the "messages" leads to a "unifying" effect and the feeling of body delimitation and wellbeing of the user.

The cushions are modelable and can be continuously adjusted for the individual user. This provides high recycling value in line with sustainability requirements.

The cushions have been carefully designed to fit the body part that they support. The cushions have been kept in a neutral tone because experience shows that dark colours can seem "bottomless" for users with impaired visual-cognitive function.



The cushions are modelable and can be manually adjusted for the individual user.



The arm of the headrest consists of replaceable strong ball joints.

7.7 Headrest

The arm of the headrest consists of replaceable strong ball joints. The ball joints help to ensure flexibility without the headrest shifting.

The ball joints can be adjusted with an Allen key.

There are two cushion elements mounted on the headrest; a soft foam base covered with neoprene and a soft cushion with three chambers filled with polystyrene beads and viscoelastic foam. The individual chambers can be adjusted as required.



Left angled headrest.

7.8 Push bar

The Kamille Comfort Wheelchair is equipped with a push bar for easy manoeuvring. The push bar is designed so it can be used in various positions.

The angle of the push bar can be adjusted using the two thumb screws located on the right and left sides of the push bar. Loosen these on each side, then position the push bar at the desired angle and retighten the thumb screws.

If the push bar needs to be angled further, this can be done using tools on the brackets.

The height of the push bar can be adjusted using the Italian levers located on the back. Loosen these and adjust the push bar to the desired height.

 Remember to retighten the levers after adjustment.

Brakes

The brake levers are mounted on the push bar. The levers are equipped with a lock that can be unlocked by holding the brake lever in while pressing the red release button.



The push bar is mounted on the brackets, where the thumb screws can be found on the sides.



The brake levers are mounted on the push bar.

7.9 Wheel type

The Kamille Comfort Wheelchair is equipped with 12 ½" solid wheels in grey nylon rubber as standard, which will not leave marks on the floor.

The solid wheels are equipped with a drum brake that is operated by the brake levers located on the push bar.

The Kamille Power Comfort Wheelchair

The Kamille Comfort Wheelchair is also available in an electric propulsion version. Alternatively, a motor can be retrofitted to a previously purchased Kamille Comfort Wheelchair.

The Power version has the motor built into the 12½" wheels. The total width is therefore greater.

For more information about the Kamille Power Comfort Wheelchair, contact Cobi Rehab by calling +45 7025 2522 or emailing cobi@cobi.dk.



Solid wheels 12 ½" in grey nylon rubber.

7.10 Anti-tips

The Kamille Comfort Wheelchair is equipped with anti-tips. Each of the two anti-tips can be adjusted to suit the terrain by pulling out the disc and subsequently placing the "pin" at the desired height.

The anti-tips are equipped with castors to prevent damage to the floor. The castors make it easier to straighten the wheelchair.

The anti-tips may only be removed when transporting the wheelchair unoccupied.

 Removing the anti-tips may result in the wheelchair tipping.



Fitted anti-tip that can be adjusted to suit the terrain.

7.11 Charger

The control box is fitted under the seat. The charging cable hanging from the control box is connected to an electrical outlet.

 The Kamille Comfort Wheelchair must not be charged if the connector is wet.

The wheelchair's on-board electronics cannot disrupt the operation of devices in the surroundings that emit electromagnetic fields, e.g., alarm systems in shops, automatic doors, etc.

The electronics are IPX6-rated. This means that the Kamille Comfort Wheelchair and its components can withstand washing with water.

 The Kamille Comfort Wheelchair is not equipped with an emergency stop device because the wheelchair is not able to run automatically.

7.12 Accessories and re-adjustment

The Kamille Comfort Wheelchair can be upgraded with a table, stretch covers and various types of weighted cushions, headrests, flex arm supports and legrests. All accessories can be adjusted for the individual user.

Re-adjustment

The Kamille Comfort Wheelchair can be reused because the large selection of accessories makes it easy to re-adjust the wheelchair.

Re-adjustments should always be carried out in collaboration with trained therapist consultants.

Retrofitting a motor

The Kamille Comfort Wheelchair can be retrofitted with a motor for propulsion. This version has a joystick, which can be operated by either the user or the helper.

Contact Cobi Rehab on +45 7025 2522 to find out more about re-adjustments and the motor.

For an overview of accessories, see page 19.

8. Electric tilt-in-space and back adjustment

The Kamille Comfort Wheelchair comes with an electrically adjustable back (recliner) and electric tilt-in-space as standard. This provides continuously variable, calm, and comfortable adjustment of the seat unit, which can be performed while the user sits in the wheelchair.

The electrically adjustable back must be adjusted by a therapist-trained healthcare professional who, based on a sitting position analysis, assesses what the hip angle should be for the individual user.

This decision should be made the first time the user is placed in the wheelchair when adjustment of the comfort wheelchair begins. After adjustment, the electrically adjustable back should be locked.

8.1 Remote control

The Kamille Comfort Wheelchair is awakened from "sleep" by pressing any button on the remote control.

The battery indicator can be found at the top of the remote control. The Kamille Comfort Wheelchair must be charged preferably before the battery flashes in the red field.

The Kamille Comfort Wheelchair will charge when the cable in the control box is connected to the mains. A full charge takes up to six hours. Charge the Kamille Comfort Wheelchair before first use.

Below the battery indicator on the remote control is the recline function (back adjustment). The arrow keys control the recline function from 96° to 131°.

The recline function is locked in for safety reasons. To use it, hold down "Recline up" and "Tilt down" for 10 seconds.

A "beep" sound indication will confirm that the recline function can be used. After 30 seconds of inactivity, the function locks again.

Under the recline function is the tilt function. The seat on the Kamille Comfort Wheelchair can be tilted from 0° to 45°.

Actuators

There are two actuators under the seat of Kamille Comfort Wheelchair. A seat actuator and a back actuator.

The anti-shear recline function on the Kamille Comfort Wheelchair is unique. The electrically adjustable back is designed to minimise the risk of shear, as the axis of rotation is located based on the starting position of the pelvis.

The electric tilt-in-space is activated when the seat/back unit needs to be angled. This feature is important for users who need to vary sitting positions during the day to:

- avoid pain
- prevent pressure sores
- achieve trunk stability
- achieve head control.

The electric tilt-in-space is also important when a side position angle must be achieved to ensure the user's head position is as upright as possible.

The electric tilt-in-space is also an important function in relation to eating and swallowing.

If the actuators "stop", the remote control must be RESET. Note whether both actuators are running during RESET.

⚠ Check that both actuators are still functioning after a RESET procedure.

⚠ Misuse of the RESET button may result in injury to the user or damage to the wheelchair because any faults will be overlooked.



The remote control shows the:

Battery indicator
Recline function
Tilt function
RESET function

Indicator lights

Battery level: The battery indicators light up when the tilt and recline system is ready for use. Depending on the battery level, the LEDs light up 25%, 50% and 100%.

Charging: The charging indicator lights up when the charging cord is connected to a power source.

Critical Error:

All LEDs flash if any critical error is detected in the electrical system.

9. Cleaning and maintenance

Stretch covers (recommended additional purchase) for the Kamille Comfort Wheelchair can be washed at 60°C and tumble-dried.

The cushions can be wiped down with a damp cloth and mild soapy water.

If the frame becomes dirty, it can be wiped down with a damp cloth and mild soapy water.

It is recommended that the Kamille Comfort Wheelchair should be wiped down and vacuumed at least once a week and that the wheels should be checked for dirt.

Disinfection

The frame, cushions and push bar can also be disinfected with e.g., a Wet Wipe 70% or a chlorine product of 1,000-1,200 ppm.

 Always disinfect the Kamille Comfort Wheelchair before transferring it to a new user. This should be done to avoid cross-contamination.

All cushions should be changed when transferring to a new user.

Local cleaning and maintenance procedures must always be followed.

9.1 Maintenance

Regular checks

For Cobi Rehab to guarantee that the Kamille Comfort Wheelchair is safe to operate, we recommend that regular inspections are carried out in accordance with the Wear & Tear and maintenance overview, which can be found in the "Kamille - Service manual and user guide" on our website.

Cobi Rehab's liability will be limited if care and maintenance procedures are not followed or are performed incorrectly.

The wear & tear and maintenance overview does not include any information about the extent of the maintenance that the Kamille Comfort Wheelchair needs.

Defects

In case of defects listed in the wear & tear and maintenance overview, or other defects and functional limitations, contact Cobi Rehab immediately.

Repairs

Unless otherwise stated, the inspections and measures required in the wear & tear and maintenance overview should be performed by trained technicians.

For information about repairs, contact Cobi Rehab by emailing cobi@cobi.dk or calling +45 7025 2522.

In the event of any irregularities in the Kamille Comfort Wheelchair, all items in the wear & tear and maintenance overview should be reviewed.

The inspections must be carried out before each use and after a long-term storage period (> 4 months).

10. Transport and storage

When the Kamille Comfort Wheelchair is not in use, it should be stored in dry conditions at a temperature between 0° and 40°C.

The Kamille Comfort Wheelchair is suitable (while unoccupied) for transport on land. The Kamille Comfort Wheelchair cannot be folded because it has a rigid frame.

To avoid injury, especially back injuries, the carer/helper is advised against carrying the wheelchair, which weighs 47 kg.

The Kamille Comfort Wheelchair can withstand being lifted by the frame if it is to be transported unoccupied in a motorised vehicle.

10.1 Long-term storage

In the event of long-term storage (> 3 months). The Kamille Comfort Wheelchair should be stored at a temperature of between 0° and 30°C and a humidity level below 75%.

It is recommended that the battery should be 40-60% charged before storage.

When the Kamille Comfort Wheelchair is used again after long-term storage, it must be switched on and charged for a minimum of 30 minutes.

Keep an eye on the battery capacity because the battery will discharge over time.

Crash tested

The Kamille Comfort Wheelchair has been crash tested. This means that it can be used as a seat for the user in a motor vehicle.

It is crucial to correctly fasten the wheelchair securements in an accessible vehicle. The four separate Tie-Down brackets mounted on the Kamille Comfort Wheelchair act as anchor points for tie-down straps. The four brackets are marked with the Tie-Down hook symbol.

Be sure to correctly mount the wheelchair when used for transport in accessible vehicles:

- Position the wheelchair and user facing in the forwards direction of the vehicle.
- Attach the straps to the Tie-down brackets and tighten them to remove any slack.
- DO NOT attach the straps to any other part of the Kamille wheelchair except the Tie-Down Brackets.
- The angle between the rear Tie-Down brackets and the rear securement points should be between 30°-45° down from horizontal.
- All four Tie-Down brackets must be in use during transport.
- The Tie-Down brackets are designed for vehicles with floor anchor points.
- The seat of the comfort wheelchair must be lowered to at least 0° and the back to a maximum of 97° during driving to reduce the risk of injury to the user and the wheelchair.



11. Recycling and disposal

Comfort wheelchairs that are no longer in use should be disposed of in an environmentally sound manner.

If necessary, contact the local authority for further information on disposal.

Contact Cobi Rehab for more information about recycling lithium batteries and wheelchair parts.

Only use the Tie-Down bracket with approved attachment systems that comply with EU 214/2014.

12. Warranty

The warranty period for the Kamille Comfort Wheelchair is one year from the date of purchase and covers manufacturing faults or defects upon delivery. The invoice is your certificate of warranty.

The warranty **does not** apply to:

- products on which the serial number, batch number or similar have been removed or significantly defaced.
- products that have been repaired by unauthorised personnel.

The warranty **does not** cover:

- wear parts.

12.1 Unintended incidents

Any unintended incident that has occurred in connection with use of the Kamille Comfort Wheelchair must be reported to Cobi Rehab.

12.2 After the expected service life

After the expected service life, it is important that a general assessment of the product is carried out 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 the product's use and wear.

A general assessment of the product must be carried out by qualified professionals, considering

The warranty **does not** apply if Cobi Rehab assesses that the Kamille Comfort Wheelchair has been handled in an improper manner.

In the event of damage due to incorrect use, both servicing and any necessary replacement parts will be billed.

the way in which the product has been used and the condition of the product and its components.

Cobi Rehab can carry out such an assessment at any time.

13. Specifications

Max. user weight	140 kg
Risk class	I
Basic UDI	5740000100024N8
Expected service life	Min. 7 years
Crash tested	Yes, crash tested according to ISO 7176-19
Seat depth	400-560 mm
Height from floor to front edge of the seat plate without seat cushion	470 mm
Height seat cushion	120 mm
Back angle	96-131°, continuously variable
Seat angle	0-45°, continuously variable
Backrest height	500-525 mm
Seat width	340-520 mm
Total width	640-830 mm
Weight of wheelchair	47 kg
Max. weight of heaviest component of wheelchair	4 kg
Max. slope uphill	6°
Solid drive wheels	12½", PU
Frame	Steel and aluminium
Cushion filling (back, foot)	Viscoelastic foam and polystyrene beads
Cushion filling (seat)	Viscoelastic foam, cold foam, and polystyrene beads
Cushion fabric	PU coated polyester
Push bar, adjustable	Yes
Turning radius (pivot)	1100-1300 mm
Folding	No
General requirements and test methods	ISO/EN 12182, 12183
Water resistance:	
Control Box: Linak CO41	IPx6
Actuators: Linak LA23	IPx6
Remote: Linak HB30	IPx6
Battery: BA22	IPx6
Push bar, footrest tubing, foot, and calf plate	Steel
Wheel forks	Aluminium
BA 22 Battery	Li-Ion 25.7V 2.9 Ah
Actuators/Control box/Remote control	LINAK LA23/LINAK CO41/ LINAK HB30

Power Supply	
U In:	100-240 V~, 50/60Hz
P In:	223-285 VA
Remote	Linak HB30
 Operating & storage atmospheric pressure	76kPa to 106kPa (760hPa to 1060hPa)
 Operating & storage Temperature	+5°C to +40°C
 Relative humidity	20%-80%, non-condensing
Continuous / non-continuous use	Int: 10%, Max. 2min. / 18min.

14. Accessories

Accessories	Product no.
Joints for mounting of detachable swing-away leg rest, R	0350-999-282
Joints for mounting of detachable swing-away leg rest, L	0350-999-283
Headrest	0350-999-041
Extra joint for headrest	0350-999-043
Weighted flex arm support, R	0350-999-430
Weighted flex arm support, L	0350-999-431
Flex arm support without weight, R	0350-999-432
Flex arm support without weight, V	0350-999-433
Foot cushion combined, S	0350-999-455
Foot cushion combined, M	0350-999-456
Foot cushion combined, L	0350-999-457
Calf cushion combined, S	0350-999-445
Calf cushion combined, M	0350-999-446
Calf cushion combined, L	0350-999-447
Back extender side, S	0350-999-225
Back extender side, M	0350-999-226
Back extender side, L	0350-999-227
Body support, R	0350-999-485
Body support, L	0350-999-487
Body support, S R	0350-999-217H
Body support, S L	0350-999-217V
Weighted neck cushion	0350-999-475
Weighted calf cushion blanket	0350-999-477
Table	0100-999-001
Complete cushion set, Kamille Comfort Wheelchair, S	0350-999-402
Complete cushion set, Kamille Comfort Wheelchair, M	0350-999-404
Complete cushion set, Kamille Comfort Wheelchair, L	0350-999-406
Back cushion 1, S	0350-999-410
Back cushion 1, M	0350-999-411
Back cushion 1, L	0350-999-412
Back cushion 2, S	0350-999-415

Back cushion 2, M	0350-999-416
Back cushion 2, L	0350-999-417
Back cushion 3, S	0350-999-420
Back cushion 3, M	0350-999-421
Back cushion 3, L	0350-999-422
Back side cushion, R	0350-999-425
Back side cushion, L	0350-999-427
Skirt guard cushion, R	0350-999-435
Skirt guard cushion, L	0350-999-437
Calf cushion split, R	0350-999-440
Calf cushion split, L	0350-999-442
Foot cushion split, R	0350-999-450
Foot cushion split, L	0350-999-452
Footrest tube cushion, R	0350-999-460
Footrest tube cushion, L	0350-999-462
Seat cushion, S	0350-999-465
Seat cushion, M	0350-999-466
Seat cushion, L	0350-999-467
Headrest cushion	0350-999-471
Armrest cushion	0350-999-480
Headrest stretch cover	0350-999-551
Back stretch cover, S	0350-999-555
Back stretch cover, M	0350-999-556
Back stretch cover, L	0350-999-557
Seat cushion stretch cover, S	0350-999-560
Seat cushion stretch cover, M	0350-999-561
Seat cushion stretch cover, L	0350-999-562
Skirt guard stretch cover	0350-999-563
Legrest split stretch cover, R	0350-999-565R
Legrest split stretch cover, L	0350-999-565L
Flex arm support stretch cover, R	0350-999-575R
Flex arm support stretch cover, L	0350-999-575V

Armrest stretch cover	0350-999-570
Back black nylon cover, S	0350-999-580
Back black nylon cover, M	0350-999-581
Back black nylon cover, L	0350-999-582
Back extender black nylon cover, S	0359-999-585
Back extender black nylon cover, M	0359-999-586
Back extender black nylon cover, L	0359-999-587
Legrest black nylon cover, R	0350-999-590R
Legrest black nylon cover, L	0350-999-590L

15. Maintenance and Wear

Part	Action	Safety
Maintenance of this product must happen in accordance with the level of use. The expected lifetime of the product is affected by the frequency and quality of maintenance.		
The following table highlights safety critical parts which are affected by regular maintenance and how to service them.		
Be advised that chloridic cleaning agents can cause significant corrosion of metal parts.		
<p> WARNING: UNAUTHORISED CHANGES IN PRODUCT CONSTRUCTION OR ELECTRICAL SYSTEM CAN CAUSE HARM TO USERS AND DAMAGE THE CHAIR.</p>		
Tyres	<p>Inspect the tyres on a daily basis on both inner and outer facing sides for any signs of damage or excessive wear.</p> <p>Damaged or excessively worn tyres must be replaced.</p> <p>Tyres must be replaced after five (5) years of use as external inspection will be insufficient to detect internal wear.</p>	 Replace worn or damaged tyres.
Wheels	<p>Inspect the wheels on a daily basis. The wheels must point straight ahead and sit parallel with each other. Do not use the equipment if there is wheel wobble or if the wheels are bent.</p> <p>The wheels must roll with ease and without noise. Lift each wheel from the ground and inspect for any resistance or slack.</p> <p>If damaged, replace the entire wheel.</p>	 Safety is compromised if wheels are damaged, excessively worn, incomplete, or badly maintained.
Brakes	<p>Inspect the brakes on a daily basis.</p> <p>Activating a brake handle must lock the respective wheel.</p> <p>By detection of any defect, even minor ones, the brake system or subsystem should be replaced.</p> <p>The brakes must be re-adjusted if any intervention has been made which may affect the brake or wheels.</p> <p>Only authorised dealers or personnel are allowed to perform repairs on brakes.</p>	 Defective brakes can result serious hazards.
Tilt & Recline	<p>The tilt and recline function must be inspected daily. Seat tilt and backrest recline is operated by electronic actuators.</p> <p>Ensure that the cables connected to the actuators are properly installed every two (2) weeks. Replace any damaged or worn cables.</p>	 During charging the wheelchair MUST be completely dry, including charger and cables.
Bolt and screw connections	<p>All screw and bolt connections must be tightened according to specification. Mechanical fasteners and connections must be inspected every two (2) months, preferably more often.</p>	 Hazardous situations can occur if mechanical fastening

	<p>All mechanical fasteners that are not used for daily adjustments must have medium strength threadlock applied to ensure secure fastening.</p> <p>Self-locking screws and nuts will have diminishing effect over time when frequently adjusted due to component wear. For this reason, self-locking fastening components must be replaced by an authorised dealer during more extensive services. This should be performed every six (6) months.</p>	connections are not correctly assembled.
Electronic system	<p>Electrical components are utilised on all Kamille Comfort Wheelchairs. On Kamille POWER wheelchairs, the electrical system is extended to power a propulsion system</p> <p>The tilt and recline function must be inspected daily. Seat tilt and backrest recline is operated by electronic actuators.</p> <p>Ensure that the cables connected to all electrical components are properly installed every two (2) weeks. Replace any electrical component if damaged or worn.</p> <p>Actuators, motors, cables and electrical connections on the Kamille Power MUST be inspected by authorised and professionally trained personnel once (1) every year.</p>	
Charging	<p>The battery for electrical propulsion must never be discharged completely as this can severely damage the battery. The charger must have ambient air flow and must NEVER be covered or placed on soft surfaces.</p>	<p>⚠ During charging the wheelchair MUST be completely dry, including charger and cables.</p> <p>⚠ The charger must have ambient air flow and must NEVER be covered or placed on soft surfaces.</p>
Rust/Corrosion	<p>The Kamille subframe is constructed of aluminium, a material which does not rust and is unlikely to corrode under normal conditions.</p> <p>Cleaning by washing or disinfection with chloridic substances can accelerate or promote the formation of corrosion, even on stainless materials. Always thoroughly remove/wash away any chloridic substances. Ensure that leftover cleaning substances are removed from cavities or scratches.</p> <p>The Kamille Comfort wheelchair must be inspected by authorised and professionally trained personnel once (1) every year.</p>	<p>⚠⚠ Severe corrosion can impact the structural integrity of the wheelchair. Always inspect any area with visible corrosion. Do not use the wheelchair if any component is severely corroded.</p> <p>⚠ During charging the wheelchair MUST be completely dry, including charger and cables.</p>
Frame and subframe	<p>The complete wheelchair frame must be intact and must not be crooked to ensure safety for the wheelchair user. The condition of the wheelchair frame must be checked before every use.</p> <p>The wheelchair must travel in a straight line when pushed. The wheelchair frame may be crooked or damaged if the wheelchair pull to any side, or there may be damage to the wheels.</p>	<p>⚠ A crooked frame can worsen over time and result in damaged wheels or other components. Continued use of a crooked frame can ultimately be harmful</p>

		for the wheelchair user.
Push handle	<p>The push handle must be fixated and must not have any visible external damage, including dents and bends due to impact or other wrongful use. This must be ensured before every use.</p> <p>The tightening grips must be able to be fixated. Adjustment screws for push handle angle adjustments must be tightened well before every use.</p>	 A defective push handle can result in dangerous situations and can cause harm to wheelchair users.
Leg- and footrests	<p>Leg- and footrests must be complete and intact, with the ability to be adjusted without any issues. This must be checked at every use.</p> <p>Defective leg- and footrests must be replaced or repaired by authorised or professional personnel.</p>	 A defective legrest/footrest can cause harm to users lower body parts.
Use and functionality	<p>Adjustments of the Kamille Comfort Wheelchair for wheelchair users/patients must be performed by professional personnel, such as physiotherapists. This is necessary at every user change.</p> <p>All functions of the Kamille Comfort Wheelchair must be functional, otherwise it must be repaired by professionals before any continued use.</p>	 Kamille Comfort Wheelchairs which are not correctly adjusted for the primary wheelchair user can cause damage to the wheelchair user.
Seat, backrest, leg and other upholstery.	<p>The upholstery must be cleaned as instructed in the cleaning guide.</p> <p>Check all upholstery and textiles every week for cracks and other damage.</p> <p>Pay attention to the amount of filling in the pillows, which must be adjusted to the individual wheelchair user needs and seating position. The filling will over time compress and must therefore be replaced once (1) every year.</p> <p>The wheelchair must be cleaned and disinfected in case the wheelchair is transferred to a different user. This is to prevent spread of unwanted bacteria and diseases. Damaged wheelchairs must not be transferred to other users before they have been repaired.</p> <p>The wheelchair upholstery or pillows must be replaced if they are damaged or worn.</p>	 Pillows with incorrect filling or insufficient adjustment can cause damage to wheelchair users. Damaged textiles are difficult to disinfect and may cause skin irritation or infections.
Cleaning	<p>In case of dirty upholstery or pillows, the wheelchair must be cleaned according to the cleaning instructions.</p> <p>The wheelchair must be cleaned and disinfected in case the wheelchair is transferred to a different user. This is to prevent spread of unwanted bacteria and diseases. Damaged wheelchairs must not be transferred to other users before they have been repaired.</p>	 Unclean wheelchair can cause harm to users and lead to product degradation over time.

	<p>The wheelchair can be cleaned more often, if the wheelchair is used outside within the prescribed use conditions.</p> <p>The remote control should be cleaned and disinfected every day.</p> <p>Please refer to section 9, "Cleaning and Maintenance"</p>	
Moving parts and joints	<p>Moving joints, movement mechanisms, and other moving parts must be inspected every second (2) week.</p> <p>Maintenance of these must be performed every two (2) months. Contact Cobi Rehab for further maintenance instructions or for service inquiries.</p>	 Incorrectly serviced moving parts, joints and mechanisms can cause harm to users and cause product degradation over time.

16. Replacement of Parts



WARNING

- ⚠️ Correct replacement of interchangeable or detachable parts must be performed by personnel authorised or approved by Cobi Rehab.
- ⚠️ Any replacement parts must be provided by Cobi Rehab or Cobi Rehab authorised dealers. Any replacement part must be genuine Cobi Rehab parts, tested and approved.
- ⚠️ Replacing components with third-party parts not approved by Cobi Rehab can result in serious harm and will void any warranty given by Cobi Rehab.

FOR SERVICE PERSONNEL: Please contact Cobi Rehab for circuit diagram, component part lists, descriptions, calibration instructions and other repair or service related information.



COBI REHAB



DEALER AND
MANUFACTURER

Cobi Rehab
Silovej 16-18
DK-2690 Karlslunde
Denmark
+45 7025 2522

cobirehab.com