



**COBI REHAB**<sup>®</sup>  
The Positioning Company

## USER MANUAL

# Minimaxx Wheelchair

**Foldable and strong manual wheelchair designed for bariatric users.**

Minimaxx Wheelchair is intended for users weighing up to 325 kg. The wheelchair is used indoors and outdoors at hospitals, institutions care centers. It is available in four seat widths, 56 cm, 61 cm, 66 cm, and 71 cm.



Scan the code and find more the product on the Danish AssistData.



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.

# Table of content

1. Safety .....	3
2. Symbols .....	4
3. General comments .....	5
4. Use .....	5
5. Settings .....	6
6. Cleaning and maintenance .....	8
7. Disposal.....	8
8. Warranty.....	9
9. Specifications .....	10
10. Ordering.....	11

# 1. Safety

---



## WARNING

Do not use Minimaxx Wheelchair without thorough instructions from trained staff or from persons who have received instruction in the use of the wheelchair. Improper operation may injure the user.

Using Minimaxx Wheelchair for people weighing more than the maximum user weight of 325 kg increases the risk of damaging the wheelchair.

Read this user manual carefully before using the Minimaxx Wheelchair. 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 Minimaxx wheelchair.

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 of Cobi Rehab.



## SAFETY INSTRUCTIONS

In this user manual, the symbol

Minimaxx Wheelchair can tip over, sustain damage, or break if used by a user weighing more than 325 kg.

Never use Minimaxx Wheelchair on soft or uneven surface.

Do not stand on the footrests. This can make the wheelchair tip forward.

Please notice that Minimaxx Wheelchairs with a total width of more than 85 cm may have difficulty getting through certain doorways.

Engage both wheel locks during transfer in and out of the wheelchair.










Adjusting the centre of gravity should only be undertaken by trained caregivers.












Always remember to disinfect Minimaxx Wheelchair when transferred to a new user. This is done to avoid cross-contamination and infections.

Lack of maintenance can damage the product, shorten the life, or affect the performance of the Minimaxx Wheelchair.

Do not use Minimaxx Wheelchair as a seat in a motorised vehicle since it is not crash tested.

## 2. Symbols

The following symbols are used in this user manual and/or on the product label.	
	Caution!
	Declaration of conformity, Medical Device Regulation, EU 2017/745
IP31	Ingress Protection Ratings Guide
	Cobi Catalogue number
	Serial number
	Year of manufacture
	Manufacturer
	Medical device
	Max. user weight
	Consult the manual
CE-Label on the product is located on frame. See example of label below.	

	Cobi Rehab ApS Fuglebækvej 1D DK-2770 Kastrup Tel.: +45 70252522			
	Minimaxx 0110-056-000			325 KG
	0050130		MADE IN TAIWAN	
	2020			

## 3. General comments

---

This user manual contains important information about the use of Minimaxx Wheelchair and the target group for the wheelchair. It also includes a wide range of specifications on Minimaxx Wheelchair.

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

If you need a user manual written in a larger font size, this user manual is available in PDF format at [cobirehab.com](https://www.cobirehab.com), which can be scaled up to the required font size.

You can always contact Cobi Rehab on telephone +45 7025 2522 or e-mail [cobi@cobi.dk](mailto:cobi@cobi.dk) if you want more information about Minimaxx Wheelchair.

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

The UDI number of the wheelchair 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 (<https://www.cobirehab.com/kunde-hos-cobi/vigtig-produktinformation/>).

## 4. Use

---

Minimaxx Wheelchair is intended for bariatric users who have the physique and cognitive abilities to drive the wheelchair forward in a safe and sound manner.

Minimaxx Wheelchair is designed for users weighing up to 325 kg. Minimaxx Wheelchair is used indoors and outdoors at hospitals, institutions care centres.

⚠ Minimaxx Wheelchair can tip over, sustain damage, or break if used by a user weighing more than 325 kg.

⚠ Never use Minimaxx Wheelchair on soft or uneven surface.

⚠ Do not step on the leg rests during entry and exit. The wheelchair can tip over or fall over with the risk of injury to the user.

### Measurements and models

Always consult a therapist before assigning a Minimaxx Wheelchair to a user.

The leg rests can carry 100 kg each. The footrests can be adjusted sideways. This benefits users with a lot of tissue of the inner thighs.

The wheelchair's rear wheel can be adjusted according to users' centre of gravity. The design of the push handles makes it easier for nursing staff to drive the wheelchair.

Minimaxx Wheelchair is available in four seat widths, 56 cm, 61 cm, 66 cm, and 71 cm.

Common to all models is a seat height of 43 cm and a seat depth of 46 cm.

The total width of all models is 14 cm more than the seat width.

⚠ Please notice that Minimaxx Wheelchairs with a total width of more than 85 cm may have difficulty getting through certain doorways.

### Choice of size for user

Choice of size depends on the user's body shape. Contact us at [cobi@cobi.dk](mailto:cobi@cobi.dk) for advice and guidance before ordering.

Always measure user sitting on solid ground. This can be done by placing e.g., a book on the side of the user where the user is widest. Then measure the distance between the two books.

### Stability and balance

Always keep the wheelchair as stable as possible by maintaining proper balance. The wheelchair is designed to stay upright during normal everyday activities, provided you do not move beyond the centre of gravity.

### Contraindications

The user of Minimaxx Wheelchair must have physical and cognitive resources to operate the wheelchair in a safe manner.

# 5. Settings

---

The described adjustments help to adapt the comfort of the Minimaxx Wheelchair to the individual user. Check that all parts are securely fastened after adjustment.

## Tools

Allen keys: 5 mm (2 pieces)

## Leg supports and footrests

Adjust the length of the leg supports while user is sitting in the wheelchair.

1. Unscrew the bolt on the back of the leg support tube and pull it out.
2. Move the footrest up or down to the desired height.
3. Reinsert the bolt through the tube and fasten it.

The footrest should be adjusted sideways with user's foot resting on it.

1. Loosen the thumbscrew beneath the footrest.
2. Push the footrest towards the side or towards the center as required, and then retighten the thumbscrew.

⚠ The lock bolts beneath the footrests must always be properly mounted in the leg support sockets. The lock bolts must not be tightened on the leg support outside the holes.

⚠ Do not stand on the footrests. This can make the wheelchair tip forward.

⚠ Do not lift the wheelchair by grabbing the leg supports. They are detachable.

⚠ Remove the footrest during transfers in and out of the wheelchair.

## Backrest upholstery

Adjust the upholstery by loosening the straps stretching across the back of the backrest.

1. Loosen the backrest upholstery on the back of the backrest and loosen the straps – especially the lower part.
2. Place the user far back in the wheelchair so the upper straps support the upper back.
3. Then tighten the straps to provide support to the lower part of the back. For users with voluminous posteriors this adjustment will ensure effective support of the lumbar region.

Attach the backrest upholstery with the velcro after the adjustment.

## Push handles

The push handles can be adjusted to each caregiver by adjusting them up or down.

1. Unscrew the screws on the backrest tube below the push handles and remove them.
2. Move the push handle up or down as required and reinsert the screws. Make sure that the screw with the inside thread protrudes completely from the backrest tube.
3. Tighten the screws properly.

## Wheel lock

Engage the wheel lock by pushing the lever forward. The lock is infinitely adjustable.

Loosen the screws on the bracket and push back the lock far enough to ensure that the lock shoe presses 3-5 mm into the tyre when the lock is engaged.

⚠ Always test the wheel lock before using the wheelchair.

⚠ Replace worn or damaged wheel locks.

⚠ Adjust the wheel locks if the centre of gravity is adjusted.

⚠ Engage both wheel locks during transfer in and out of the wheelchair.

## Adjusting the centre of gravity

The position of the rear wheels can be adjusted according to the user's centre of gravity. This facilitates driving with the wheelchair.

1. Remove the rear wheels by loosening the axle on the outside of the wheel and pulling the wheel away from the wheelchair frame.
2. Remove the nut on the inside of the axle socket and place the axle socket in the desired position on the frame.
3. Retighten the nut on the inside.
4. Move the lock forward or backward accordingly.

Mount the rear wheels and adjust the wheel lock as instructed in the Wheel lock section.

Adjust the anti-tippers as instructed in the Anti-tippers section.

⚠ Adjusting the centre of gravity should only be undertaken by trained caregivers.

⚠ Anti-tippers must never be removed.

## 5. Settings, continued

### Adjustment of the anti-tippers

The position of the anti-tippers can be adjusted in relation to the user's centre of gravity to prevent the wheelchair tipping backwards.

Adjust the position of the anti-tippers only when the wheelchair is empty.

1. Unscrew the screws on the wheelchair frame above the anti-tippers and remove them.
2. Move the anti-tipper up or down as required and reinsert the screws. Make sure that the screw

with the inside thread protrudes completely from the backrest tube.

3. Retighten the screws.

Attempt to tip the wheelchair backwards to check that the anti-tippers prevent the wheelchair from tipping over backwards.

## 5.1 Foldable for transport

Minimaxx Wheelchair can easily be folded for transportation in motorised vehicle.

1. Remove the wheelchair cushion.
2. Grasp the center of the seat with one hand. Pull up the seat, after which the wheelchair contracts.

**⚠** Do not use Minimaxx Wheelchair as a seat in a motorised vehicle since it is not crash tested.

## 5.2 Storage (incl. Long-term storage)

Minimaxx Wheelchair should be stored in the dark and covered with a blanket or similar.

Minimaxx Wheelchair should be stored between -10 ° - 50 ° C in terms of temperature.

Check regularly that the wheelchair has not become wet or has suffered other damage during storage.

### Component overview



## 6. Cleaning and maintenance

---

### 6.1 Cleaning and disinfection

Minimaxx Wheelchair's seat, frame, backrest upholstery and push handles can be cleaned with water and ordinary detergent.

⚠ Moisturizing the backrest upholstery will reduce the flame retardant effect.

#### Disinfection

Minimaxx Wheelchair's seat, frame, backrest upholstery and push handles can be disinfected with ethanol 70-85% or a chlorine product 1000-1200 ppm.

The wheelchair cushion can be changed when transferred to a new user.

⚠ Always remember to disinfect Minimaxx Wheelchair when transferred to a new user. This is done to avoid cross-contamination and infections.

Local cleaning and disinfection procedures must always be followed.

### 6.2 Maintenance

1. Check that all nuts and bolts are tight before using the Minimaxx Wheelchair. Check all parts for wear and damage and replace parts where required.

2. Keep the axles free from dirt and fluff to ensure that the mechanism locks correctly and that the wheels can turn freely.

3. Remember to lubricate the axles at least once a month (use a 3-in-1 oil or a similar product).

4. Periodically check the wheels and tyres for cracks and wear and replace as required.

5. Periodically check that the hand rims are securely attached to the wheel.

⚠ Failure to inspect bolts and nuts may cause malfunction.

Contact Cobi Rehab for more information on Minimaxx Wheelchair maintenance.

## 7. Disposal

---

Dispose of products that are no longer in use in an environmentally safe manner. Contact your local authority for further information on disposal.

Contact Cobi Rehab for further information on the recycling of wheelchair parts.



## 8. Warranty

---

Cobi Rehab warrants that the Minimaxx Wheelchair is without defects on delivery. If, against all expectations, the wheelchair is subject to deficiencies or defects on receipt, please contact Cobi Rehab immediately.

The warranty period for the Minimaxx Wheelchair 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.

### 8.1 Unintended event

Report any incidents relating to the use of Minimaxx Wheelchair to Cobi Rehab.

### 8.2 After expiry of 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

The warranty does not cover:  
- wearing parts.

This warranty does not apply when Cobi Rehab assesses that the Minimaxx Wheelchair 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 Minimaxx Wheelchair.

## 9. Specifications

Maximum weight	325 kg
Total width	800 / 850 / 900 / 950 mm
Total width folded	410 mm
Total height with/without push handle	1100 / 1003 mm
Total length without footrests	700 mm
Seat width	560 / 610 / 660 / 710 mm
Seat depth	460 mm
Seat height	430 mm
Backrest height	510 mm
Weight	Approx. 27 kg
Armrests removable	Yes
Footrests and push handle height adjustable	Yes
Footrests standard, removable	Yes
Flame retardant cover	Yes
Rear wheels with quick release	Yes
Balance points adjustable	Yes
Fixed seat	Yes
Frame	Powder-lacquered chromium molybdenum steel
Rear wheels	24", massive PU tires
Casters	125 mm nylon/PU
Seat/backrest	Polyester
Armrests	Polyurethane
Footrests	PU foam
Expected product service life	7 years
ISO classification	12 22 03 08
Risk class	I
Basic UDI	5740000100001MU
The surface temperature of the Minimaxx Wheelchair can increase or decrease when exposed to external sources of heat or cold.	

## 10. Ordering

<b>Model</b>	<b>Seat width cm</b>	<b>Seat depth cm</b>	<b>Item number</b>
Minimaxx Standard, incl. footrests	56	46	0100-056-000
Minimaxx Standard, incl. footrests	61	46	0100-061-000
Minimaxx Standard, incl. footrests	66	46	0100-066-000
Minimaxx Standard, incl. footrests	71	46	0100-071-000
Minimaxx with disc brakes, incl. footrests	56	46	0109-056-000
Minimaxx with disc brakes, incl. footrests	61	46	0109-061-000
Minimaxx with disc brakes, incl. footrests	66	46	0109-066-000
Minimaxx with disc brakes, incl. footrests	71	46	0109-071-000
<b>Accessories</b>			
Sports armrests, pair			0100-999-006
Table			0100-999-001
O2 Oxygen Tank holder 12.5-15 cm			0100-999-021
IV holder			0180-999-007
Calf / amputation support			0100-999-016
<b>Spare parts</b>			
Footrest standard, right			0100-999-010
Footrest standard, left			0100-999-011



**COBI REHAB**<sup>®</sup>  
The Positioning Company

---



**MANUFACTURER**

**Cobi Rehab**  
Fuglebækvej 1D  
DK-2770 Kastrup  
Denmark  
+45 7025 2522  
[cobirehab.com](http://cobirehab.com)