

XXL-Rehab Minimaxx – Folding Wheelchair

Strongly engineered and functionally designed exclusively for bariatric users!



⚠ CAUTION ⚠ CAUTION ⚠ CAUTION ⚠ CAUTION ⚠ CAUTION ⚠ CAUTION ⚠

- This product should not be used without proper instruction from a healthcare professional.
- Using the product for individuals weighing more than the maximum weight-bearing capacity may pose a risk for damaging the product.
- XXL-Rehab assumes no responsibility for any damage or injury caused by improper installation, assembly or use of this product.
- If components are damaged or missing, contact XXL-Rehab immediately. Do NOT use substitute parts.
- XXL-Rehab cannot be held liable for faults or accidents occurring after repairs by service staff without written authorisation from XXL-Rehab.

SPECIFICATIONS

Maximum weight-bearing capacity is	325 kg
Seat height	43 cm
Seat depth	46 cm
Backrest height	51 cm
Weight	Approx. 27 kg
Minimaxx Standard	
Order No: (56 cm wide)	0100-056-000
Order No: (61 cm wide)	0100-061-000
Order No: (66 cm wide)	0100-066-000
Order No: (71 cm wide)	0100-071-000
Minimaxx Disk	
Order No: (56 cm wide incl. disk breakers)	0109-056-000
Order No: (61 cm wide incl. disk breakers)	0109-061-000
Order No: (66 cm wide incl. disk breakers)	0109-066-000
Order No: (71 cm wide incl. disk breakers)	0109-071-000



ACCESSORIES

	Order No
Footrest wide adjustable, right	0100-099-010
Footrest wide adjustable, left	0100-099-011
Calf support / amputation support, elevating	0100-099-015
Armrests Butterfly, pair	0100-099-005
Armrests SPORT, pair	0100-099-006
IV holder and O2 holder. Diameter 10 cm	0100-099-020
Table for Minimaxx, universal	0100-099-001

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FOR USE

 *To ensure proper use of the XXL-Rehab Minimaxx, please read these instructions thoroughly before using the product. In doing so, pay particular attention to the warning notes marked with . Also remember that in order to prevent the risk of injury to the user, the wheelchair may be operated only by trained caregivers or aides or by individuals who have been instructed in its proper use.*

USE

The XXL-Rehab Minimaxx is a wheelchair with a rugged design, intended for users weighing up to 325 kg and suitable for users with a variety of diagnoses.

The wheelchair's rear wheels can be adjusted to carry most of your weight, making the wheelchair easier to drive.

The push handles are designed to make it easier for an aide to utilise his or her body weight to turn and push the wheelchair.

The leg supports are designed to carry 100 kg each. The footrests may be adjusted sideways, enabling you to use them with your legs together or apart.

The XXL-Rehab Minimaxx is suitable for both indoor and outdoor use. It is recommended to use the wheelchair in ambient temperatures between -5 and +40°C, as otherwise the material may feel slightly uncomfortable.

SPECIAL NOTES
















Transporting a user secured in the wheelchair onboard a motorised vehicle

XXL-Rehab do not recommend to transport wheelchair users secured in the XXL-Rehab Minimaxx wheelchair onboard a motorised vehicle, as the wheelchair has not been crash tested.

SAFETY NOTES

WARNINGS

During your first use of the wheelchair, perform a number of exercises – together with your therapist or other health professional – in order to train your ability to safely reach, lean forward and transfer in or out of the wheelchair and become familiar with its safety limits.

-  **DO NOT ATTEMPT** to reach objects if you have to move forward in the seat.
-  **DO NOT ATTEMPT** to pick up objects from the floor if you have to reach down between your knees.
-  **DO NOT ATTEMPT** to reach for an object behind the wheelchair by leaning backwards over the backrest.
-  **DO NOT ATTEMPT** to shift your weight / sitting position in the direction of reach, as this **COULD** cause the wheelchair to tip over.
-  **NEVER USE** an escalator to move the wheelchair between floors.
-  **DO NOT ATTEMPT** to stop a moving wheelchair with the wheel locks. **ALWAYS ENGAGE THE LOCKS** on both wheels when transferring to or from the wheelchair.
-  **DO NOT ATTEMPT** to negotiate ramps or slopes steeper than 9°.
-  **DO NOT ATTEMPT** to negotiate ramps or slopes covered with ice, oil, or water.
-  **DO NOT ATTEMPT** to drive over obstacles, very uneven surfaces, etc. This could cause the wheelchair to tip over, potentially causing personal injury.
-  **NEVER USE** unauthorised parts, accessories, etc., as this will void all warranties.
-  **NEVER LIFT** the wheelchair by any detachable parts (armrests, wheels, backrest, leg supports, etc.).
-  **NEVER REMOVE** the anti-tippers.
-  **DO NOT USE** the footrests as a platform when getting in or out of the wheelchair.
-  **DO NOT ATTEMPT** to tilt the wheelchair without assistance.
-  **NEVER STAND** on the frame of the wheelchair.

WEIGHT TRAINING

The XXL-Rehab Minimaxx wheelchair is not designed or tested for use during weight training. If the XXL-Rehab Minimaxx wheelchair is used during weight training activities, XXL-Rehab shall not be liable for any personal injury whatsoever, and all warranties will immediately be voided.

SAFE OPERATION OF THE XXL-REHAB MINIMAXX WHEELCHAIR

Safe operation of the XXL-Rehab Minimaxx wheelchair will require both you and your aide to be familiar with the instructions in this manual. Together with your therapist, analyse the techniques required to get in and out of the wheelchair, reach for objects, etc. This will familiarise you with the "DOs" and "DON'Ts" of using the wheelchair. It is important to practice all transfer techniques until you feel completely safe, which will enable you to negotiate the most common architectural obstacles.

Stability and balance

To keep the wheelchair as stable as possible at all times, always maintain proper balance. The wheelchair is designed to stay upright during normal everyday activities, provided you do not move beyond the centre of gravity.

Almost all activities in a wheelchair will cause the centre of gravity to shift. Many activities will require you to reach, lean or transfer in and out of the wheelchair. These movements will cause a change to the normal balance, centre of gravity and weight distribution of the wheelchair. To establish your particular safety limits, practice all leaning, reaching and transfer activities with the assistance of a qualified aide/therapist before attempting active use of the wheelchair.

⚠ DO NOT LEAN further forward than the chair's armrests. Make sure that the casters are pointing forward when you lean forward. This can be ensured by first moving the chair slightly forward and then slightly backward in a straight line.

⚠ WARNING:

Never tilt the wheelchair backwards without assistance. Always use the anti-tippers!

UNPACKING CHECKLIST

On receiving and opening the box, inspect the contents for evident transport damage. If any damage is found, contact the carrier.

After opening the box with the XXL-Rehab Minimaxx wheelchair, check that it contains the following standard items:

- 1 XXL-Rehab Minimaxx wheelchair frame fitted with wheel locks and two casters
- 2 Two rear wheels with handrims
- 3 Two anti-tippers
- 4 Two Quick-release armrests.

ASSEMBLY

- 1 Remove all the parts from the box and put them on the floor.
- 2 Install the rear wheels by pressing the little stud on the axle on the outside of the wheel, and push the axle into the socket on the wheelchair frame.

⚠ WARNING

Check that the little stud has been fully released, and that the two locking pins at the opposite end are fully out, before using the wheelchair.

The locking pins **MUST** protrude on the inside of the axle socket, as otherwise the wheel is not properly secured.

Tilt the wheelchair to clear the rear wheels off the ground, and pull on the wheels to ensure that they are securely fitted.

Always keep the stud and locking pins free from dirt.

- 3 Insert the two anti-tippers on the back of the wheelchair in a hole which matches the location of the rear wheels. Refer to the section on **Anti-tippers**.
- 4 Insert the armrests in their sockets by activating the Quick-release button on the metal split pin in the hole on either side of the backrest. Make sure that the guide spindle at the front underneath the armrest is inserted in the corresponding hole on the wheelchair frame.
PLEASE NOTE: Pull up on the armrests to verify that they are securely fitted.
- 5 Install the leg supports on either side of the wheelchair front. For information on height and width adjustment, please refer to the section **Leg supports and footrests**.

USER CUSTOMISATION

The following instructions explain how to adjust the XXL-Rehab Minimaxx wheelchair. After making adjustments, it is very important to check that all parts are properly secured.

Tools

Allen keys: 5 mm (2 pieces), 6 mm, 8 mm
Fork wrenches: 10 mm, 13 mm, 20 mm, 30 mm

Leg supports and footrests

The length of the leg support should be adjusted while you are sitting in the wheelchair.

Unscrew the bolt on the back of the leg support tube and pull it out. Move the footrest up or down to the desired height. Reinsert the bolt through the tube and fasten it. The footrest should be at least 6 cm from the ground.

The footrest should be adjusted sideways with your foot resting on it. Loosen the thumbscrew beneath the footrest and push the footrest towards the side or towards the centre as required, and then retighten the thumbscrew.

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

⚠ NOTE: Adjustment of the leg support and footrest is required to prevent excessive pressure on your legs at the front edge of the wheelchair, which could harm you.

WARNINGS

⚠ DO NOT ATTEMPT TO STAND ON THE FOOTRESTS. If you stand on the footrests, the wheelchair may tip forward, causing a fall accident and potentially resulting in injury.

⚠ DO NOT ATTEMPT to lift the chair by grabbing the leg supports. These are designed to be detachable or swing away from the wheelchair.

⚠ THE LEG SUPPORT should be swung completely out of the way during transfers in and out of the chair.

Backrest upholstery

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

Loosen the backrest upholstery on the back of the backrest and loosen the straps – especially the lower part. Sit in the wheelchair so close to the backrest that the upper straps support the upper part of your back. Then tighten the straps to provide support also to the lower part of the back. Users with voluminous posteriors will find it beneficial to adjust the chair in this way, as this will ensure effective support of the lumbar region.

Push handles

The position of the push handles can be adjusted up or down to suit the aide.

Unscrew the screws on the backrest tube below the push handles, and remove them. 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. Tighten the screws properly.

Wheel lock

Engage the wheel lock by pushing the lever forward.

The lock is infinitely adjustable. To adjust the lock, 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.

Ensure that the screws are tightened properly to keep the bracket in the correct position.

Test the wheelchair before use to verify that the locks are working correctly. If a wheel lock becomes worn or damaged, it MUST be replaced immediately.

⚠ NOTE: If you adjust the centre of gravity, the wheel locks must be adjusted as well.

⚠ NOTE: When transferring in and out of the XXL-Rehab Minimaxx wheelchair, BOTH wheel locks must be engaged.

Rear wheels

By default, the XXL-Rehab Minimaxx wheelchair is fitted with solid 24" rear wheels.

Adjusting the centre of gravity

It is possible to adjust the rear wheels' position in relation to your centre of gravity to make it easier to drive the wheelchair.

Remove the rear wheels by loosening the axle on the outside of the wheel and pulling the wheel away from the wheelchair frame. Remove the nut on the inside of the axle socket, and place the axle socket in the desired position on the frame. Move the lock forward or backward accordingly. Retighten the nut on the inside, and install the wheels as instructed in the Assembly section. Finally, adjust the wheel locks as instructed in the Wheel lock section.

Adjusting the anti-tippers

The position of the anti-tippers can be adjusted in relation to your centre of gravity to prevent any potential risk of the wheelchair tipping backwards.

Adjust the position of the anti-tippers only when the wheelchair is empty. Unscrew the screws on the wheelchair frame above the anti-tippers and remove them. 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. Retighten the screws.

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

SAFETY INSPECTION CHECKLIST

Item	Initially	Inspect/adjust weekly	Inspect/adjust monthly	Inspect/adjust periodically
General The wheelchair rolls straight	X			X
Wheel locks Do not interfere with tires rolling Pivot points are free of wear and slack Wheel locks are firm but easy to engage	X X X		X X	X
Backrest upholstery Check for tears or damaged straps Ensure backrest upholstery is properly fastened	X X		X	X
Rear wheels Axles lock correctly When the wheel spins freely in the air, no bending or side movement is visible.	X X	X		X X
Front casters Check for resistance by spinning the wheel; the wheel should stop gradually The caster rims should be clean and free from oil ⚠ Note: Wheels and tyres should be periodically checked for cracks and wear and should be replaced when required.	X X	X	X	X
Tyres Check for wear ⚠ Note: Wheels and tyres should be periodically checked for cracks and wear and should be replaced when required.		X		X X
Cleaning Clean armrests and backrest	X	X		X

MAINTENANCE AND CLEANING

Cleaning

Regular cleaning of all surfaces will preserve the wheelchair's appearance and extend its service life. All surfaces may be cleaned with a mild soap solution. If required, spray the chair with VIRKON and wipe the fabric according to the instructions for use.

⚠ **NEVER USE ANY** solvents. You can also clean the chair by wiping it with spirit.

⚠ **NOTE:** washing and soaking the backrest upholstery will reduce the flame retarding effect.

Maintenance procedure

- 1 Check that all nuts and bolts are tight before using the XXL-Rehab Minimaxx wheelchair. Check all parts for wear and damage, and replace parts where required. Check that the wheelchair is properly adjusted to fit the user.
- 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 handrims are securely attached to the wheel.

ACCESSORIES

Butterfly/SPORT armrests, table, IV and O2 holder, wide footrests, seat cushion, disc brakes, calf support/amputation support.

GENERAL NOTES

In case of doubt, you can always contact the supplier.

In certain cases the XXL-Rehab Minimaxx wheelchair must be inspected by the supplier. This applies especially in case of:

- cracks or damage to the frame.
- cracks or damage to a welding.

Always contact the supplier before returning a XXL-Rehab Minimaxx wheelchair or any part of it. When returning the wheelchair, it is important to pack it in a box which is secured to the pallet. XXL-Rehab does not accept liability for transport damage to items returned to XXL-Rehab.

WARRANTY

The XXL-Rehab Minimaxx is covered by one year warranty from the invoice date for materials and workmanship. The wheelchair frame proper (lower frame) is covered by a five-year warranty from the invoice date.

Products which have been used for purposes other than the intended use; or which have been subject to negligence, abuse, improper storage or handling, improper operation, unauthorized modifications or damages beyond normal wear and tear as determined by XXL-Rehab, are not covered by this warranty.

If weight capacity is exceeded, the warranty will be void. Any unauthorized repairs to product / part, as well as tampering with any components, will void the warranty.

MANUFACTURER

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