Kimba neo
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1 Foreword

In the last update: 2014-01-28

- Please read this document carefully.
- Follow the safety instructions.

These instructions for use can be viewed and downloaded from the homepage www.ottobock.com. It is possible to increase the display size of the PDF document stored there.

For further questions about the instructions for use, please contact the authorised personnel who issued the product to you.

You have purchased a high-quality product for use every day, at home and outdoors. Please read these instructions for use before you start using the product. Familiarise yourself with the handling, functions and use of the product before using it. Observe all safety information and instructions in order to prevent the possibility of injury. Store these instructions for use in a safe place for future reference.

Please note the following in particular:

- Attendants (persons who operate and push the product) must be instructed in the use of the product by qualified personnel.
- The product has been adapted to the needs of the user. Subsequent changes may be made only by qualified personnel. We recommend checking the product settings regularly in order to assure optimal fit over the long term. A fitting is required every six months for children in particular.
- If you have any questions or cannot solve a problem, despite reading these instructions for use, please contact the qualified personnel who fitted the product or the manufacturer’s service department (please see inside back cover or back cover for addresses).
- The product may only be combined with the options listed here. The manufacturer assumes no liability for combinations with third-party medical devices and/or accessories not included in the modular system. Please also observe the information in the section "Liability".
- Service and repairs to the product may only be carried out by qualified personnel. If you have any problems, please contact your specialist dealer. This ensures that any necessary repairs will be made exclusively with authentic Ottobock spare parts.
- The manufacturer assumes no liability for combinations with seating systems that have not been approved by the manufacturer (see the section "Liability").
- The manufacturer reserves the right to make technical changes to the model described in these instructions for use.

2 Product Description

2.1 Function
The rehab buggy is intended solely for transporting children with walking disabilities or who are unable to walk. The rehab buggy has been approved for transporting only one child aged 1 to 10 years (depending on the size and weight of the child). It is operated by an attendant (conveyance by another person).

The rehab buggy can be used indoors and outdoors. It is fully adjustable to provide an optimised, individual fitting.
2.2 Product Overview

Kimba Neo – outdoor mobility base with multifunctional seating unit and “swiveling” front wheels option

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<td>Plug-on rear wheel</td>
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<tr>
<td>2</td>
<td>“Swiveling” front wheel (option)</td>
</tr>
<tr>
<td>3</td>
<td>Front lashing ring</td>
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<td>Adjustable footrest</td>
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<td>5</td>
<td>Removable seat with lateral supports</td>
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<td>6</td>
<td>Angle-adjustable backrest</td>
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</table>
Kimba neo – outdoor mobility base with multifunctional seating unit and "swiveling" front wheels option

<table>
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<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Plug-on rear wheel</td>
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<tr>
<td>2</td>
<td>&quot;Swiveling&quot; front wheel (option)</td>
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<td>3</td>
<td>Swivel lock</td>
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<tr>
<td>4</td>
<td>Front lashing ring</td>
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<td>5</td>
<td>Seat adapter</td>
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<td>6</td>
<td>Adjustable push bar</td>
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<tr>
<td>7</td>
<td>Release handle, folding mechanism</td>
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<td>9</td>
<td>Rear lashing ring</td>
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<td>10</td>
<td>Suspension</td>
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Product Description
Kimba neo – outdoor mobility base with "fixed" front wheels

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
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<td>Plug-on rear wheel</td>
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<td>2</td>
<td>Plug-on &quot;fixed&quot; front wheel</td>
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<td>3</td>
<td>Front lashing ring</td>
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<tr>
<td>4</td>
<td>Seat adapter</td>
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<tr>
<td>5</td>
<td>Adjustable push bar</td>
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<tr>
<td>6</td>
<td>Release handle, folding mechanism</td>
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<td>7</td>
<td>Suspension</td>
</tr>
<tr>
<td>8</td>
<td>Rear lashing ring</td>
</tr>
</tbody>
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3 Safety

3.1 Explanation of Warning Symbols

- **WARNING**  Warnings regarding possible risks of severe accident or injury.
- **CAUTION**   Warnings regarding possible risks of accident or injury.
- **NOTICE**    Warnings regarding possible technical damage.
3.2 General safety instructions

**CAUTION**

**Lack of familiarisation with instructions for use**
Injuries due to user error
- Read the instructions for use before using the product.
- Familiarise yourself with the handling, functions and use of the product before using it. You can compromise the safety of the user if you do not follow these instructions.

3.3 Safety Instructions for Use

Hazards during preparation for use

**WARNING**

**Independent modification of settings**
Risk of tipping, falling or malposition
- Do not modify the settings established by the qualified personnel. Only the settings described in the section "Usage" in these instructions for use may be adjusted independently.
- In case of problems with the settings (unsatisfactory seating position, front wheels wobble etc.) please contact the qualified personnel who adjusted your product.
- Discuss all changes to the settings with the qualified personnel/therapist in advance in order to minimise health hazards and avoid putting the therapy results at risk.

**WARNING**

**Improper handling of packaging materials**
Risk of suffocation
- Keep packaging materials away from children.

Hazards when boarding

**CAUTION**

**Brake not engaged when getting in/out**
User may fall or tip over
- Before the user gets into the buggy or out of it, always engage and check the wheel lock.
- Engage the wheel locks to prevent the rehab buggy from moving on uneven ground or during transfers (e.g. into a car).

Hazards while driving

**WARNING**

**Danger from pushing too fast**
User may fall or tip over
- The steering casters may begin to wobble at higher speeds and lead to an abrupt stop, causing the rehab buggy to tip over at the front.
- Therefore, push the rehab buggy only at normal walking speed or engage the steering lock (see section "Use"). It is not permissible to let go of the pushbar while pushing the buggy or to thrust it away from you.

**WARNING**

**Impermissible use**
Risk of user tipping, rolling over
- Using a rehab buggy beyond normal conditions may be dangerous.
- Please note that this product is not suitable for jogging, running, skating, etc.
- Do not exceed the maximum load capacity (see section "Technical Data").
Unsupervised parking
Falling, the user may fall out
► Never leave the user unattended, even if the seat belts are fastened and the wheel locks are engaged.

Incorrect centre of gravity
Risk of user tipping, rolling over
► When reaching for objects, the user must not lean too far out of the seat.
► Put the seat tilt into neutral position (0-5°) before negotiating slopes and obstacles on slopes or ramps.
► Always provide support to the rear when negotiating slopes and obstacles on slopes or ramps.
► Do not move the product with a negative seat angle setting (seat tilted forward).
► Never park the product on slopes with the user in the seat.

Hanging heavy bags on the buggy may change the centre of gravity
User may tip or roll over
► Do not hang heavy bags or the like on the pushbar.

Risky operation
The user may fall or tip over, and may cause accidents with other traffic participants
► Push slowly when crossing obstacles (e.g. steps, curbs) and negotiating uphill or downhill slopes and inclines.
► Never cross obstacles at an angle. Always approach obstacles head on (at an angle of 90°).
► Raise the front wheels before crossing obstacles.
► Avoid collisions with obstacles and dropping off curbs/ledges.
► Avoid driving cross-country.

Hazards when overcoming obstacles

Negotiating stairs and obstacles
Risk of falling, tipping over
► Only negotiate stairs and obstacles with the help of additional attendants.
► Use available equipment (e.g. ramps or elevators).
► Never use escalators with a user in the product.

Improper lifting by attendants
User may fall or tip over
► Attendants may lift the buggy only by welded or permanently attached components. It is particularly dangerous to lift the buggy by the footrest, push bar, lap bar, or armrests.

Hazard in case of damaged skin

Prolonged contact with broken skin
Redness and pressure marks
► Check before using the product that the skin is not broken in areas subject to prolonged pressure (e.g., buttocks, back and rear side of the thighs).
► No liability is assumed for injuries caused by the use of the product with broken skin.
Hazards due to fire, heat and cold

**CAUTION**

Seat cushion or backrest cover may ignite
User may sustain burns
► The seat cushion and backrest cover are not highly flammable, but there is a possibility they may catch fire. Therefore utmost caution is required near open flame.
► Keep away from any sources of fire, especially burning cigarettes.

**CAUTION**

Extreme temperatures
Risk of hypothermia or burns on components, failure of components
► Do not expose the product to any extreme temperatures (e.g. direct sunlight, sauna, extreme cold).

Hazards due to improper use of the rehab buggy

**CAUTION**

Loss off stability due to improper loading
User may fall or tip over
► Please note that any additional load may have a negative impact on the stability of the rehab buggy.
► Do not hang heavy bags or the like on the push bar.

**NOTICE**

Overloading
Damage to the product through user error
► Do not exceed the maximum load capacity (see the section "Technical Data").
► Please note that all options and add-on components will reduce the remaining load capacity.

**NOTICE**

Use under incorrect environmental conditions
Risk of damage to the product
► Do not use the product in salt water.
► If possible, prevent sand or other dirt particles from coming into contact with the wheel bearings and locking mechanism.

**NOTICE**

Impermissible loading when folded
Deformation, problems when unfolding
► Never place heavy objects on the folded rehab buggy.

3.4 Further Information

**INFORMATION**

Even in the event of compliance with all applicable guidelines and standards, alarm systems (e.g. in department stores) may respond to your product. Should this happen, remove your product from the area where the alarm was triggered.

3.5 Name plate and warning labels

3.5.1 Name plate

<table>
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<th>Label</th>
<th>Meaning</th>
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<tr>
<td>A</td>
<td>Type designation</td>
</tr>
<tr>
<td>B</td>
<td>Manufacturer article number</td>
</tr>
<tr>
<td>C</td>
<td>Maximum load capacity (see the chapter ‘Technical Data’)</td>
</tr>
<tr>
<td>D</td>
<td>Manufacturer information/address/country of origin</td>
</tr>
</tbody>
</table>
The name plate "Outdoor mobility base" is located on the back connecting tube of the base frame.
The name plate “Seating unit” is located on the bottom back plate.

### 3.5.2 Warning Labels

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<tr>
<th>Label</th>
<th>Meaning</th>
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<tr>
<td><strong>Achtung:</strong> Bitte beachten Sie die maximale Zuladung des Untergestells!</td>
<td><strong>Attention:</strong> Please observe the maximum load capacity of the mobility base! (See the section “Technical Data”)</td>
</tr>
<tr>
<td><strong>Attention:</strong> Please note the permissible vehicle payload!</td>
<td>Fixation point for fastening the product in wheelchair accessible vehicles</td>
</tr>
<tr>
<td><strong>WARNING/WARNING</strong></td>
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<tr>
<td>ACHTUNG: Lassen Sie Ihr Kind nicht unbeaufsichtigt!</td>
<td>ACHTUNG! Dieser Sitz ist für Kinder unter 6 Monaten nicht geeignet!</td>
</tr>
<tr>
<td>ATTENTION: Never leave your child unattended!</td>
<td>ATTENTION! Never leave your child unattended!</td>
</tr>
<tr>
<td>ACHTUNG: Dieser Sitz ist für Kinder unter 6 Monaten nicht geeignet!</td>
<td>ACHTUNG! Dieser Sitz ist für Kinder unter 6 Monaten nicht geeignet!</td>
</tr>
<tr>
<td>ATTENTION: This seating unit is unsuitable for children aged below 6 months!</td>
<td>ATTENTION! This seating unit is unsuitable for children aged below 6 months!</td>
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*Ottobock*
4 Delivery

4.1 Scope of Delivery
The product is delivered pre-assembled, with the rear wheels and seating unit removed, and packed in a crate.
The scope of delivery includes:
• Outdoor mobility base, folded
• Multifunctional seating unit (standard option) or an alternative seating system
• Additional options as ordered (already assembled)
• Instructions for Use (User)

4.2 Standard Equipment
The standard equipment includes:
• Foldable outdoor mobility base
• Multifunctional seating unit (standard option) or an alternative seating system
• Padding
• Adjustable footrest
• Removable rear wheels
• "Swiveling" front wheels with integrated swivel lock or "fixed" front wheels
• Height-adjustable push bar
• Wheel lock

4.3 Options
The basic equipment may have been adapted to the needs of the user by adding options. For the use of these options, please see section "Use".

4.4 Storage
Store the product in dry condition. Maintain an ambient temperature of -10°C to +40 °C.

Note regarding the tyres
• Tires contain chemical substances that can react with other chemical substances (such as cleaning agents, acids, etc.).
• Direct exposure to sunlight or UV radiation causes the tyres to age more quickly. As a result, the tread surface hardens and corner pieces break out of the tread.
• Avoid unnecessary parking outdoors. The tyres should be replaced every 2 years regardless of wear and tear.

5 Preparation for Use

5.1 Assembly

Exposed pinch points
Risk of crushing or pinching the fingers
► Do not reach into the folding mechanism when folding/unfolding.

Improper assembly
Risk of the user falling or tipping over
► After each assembly, verify the proper fit of the removable wheels. The quick-release axles must be firmly locked in the wheel attachment.
► Before using the product, the folding mechanism must be firmly locked in place.
► When attaching the seating unit, make sure it clicks audibly onto the mobility base.
► Secure the seating unit using the seat lock.

The following steps must be taken to make the rehab buggy ready for use:

Attaching the rear wheels
1) If wheel locks are engaged: disengage wheel locks.
2) Depress the locks on the wheels (see Fig. 4, item 1).
3) Push the rear wheels onto the axle until the lock clicks into place audibly.

Attaching the front wheels (only possible for the fixed front wheels)
1) Depress the locks on the wheels (see Fig. 5, item 1).
2) Push the front wheels onto the axle until the lock clicks into place audibly.

Unfolding the rehab buggy (when the seating unit is detached)
1) Unfold the push bar (see Fig. 6, item 1). To unfold the push bar: see Page 22.
2) Fold out the rehab buggy by pulling the push bar (see Fig. 6, item 2; see Fig. 7).
→ The release handles of the folding mechanism click into place automatically after folding out (see Fig. 6, item 3).

Attaching the seat (multifunctional seating unit)

⚠️ CAUTION
Non-activated tilt-limiting mechanism
Risk of the user falling out
▶ Note that prior to rotating the seating unit, the tilt-limiting mechanism must be adjusted, because otherwise the seat’s tilt angle will not be limited.

INFORMATION
The product can also be equipped with alternative seating systems. In this case, please observe the information in the separate instructions for use for the seating system.

1) Place the seat on the rear tube of the seat adapter at an angle of approximately 45° (see Fig. 13).
2) Press the front edge of the seat onto the mobility base until the gripper jaw audibly snaps on to the front tube of the seat adapter (see Fig. 9).
3) Slide the seat lock to the left to engage it (see Fig. 10).
4) Check that the seat and the mobility base are securely connected. You can do this, for example, by pulling back the backrest.
INFORMATION
Other settings and adjustments are described in the section "Usage".

6 Usage
6.1 Information on Use

⚠️ WARNING
Independent modification of settings
Risk of tipping, falling or malposition
► Do not modify the settings established by the qualified personnel.
► In case of problems with the settings (unsatisfactory seating position, caster wheel wobble etc.) please contact the qualified personnel who adjusted your product.

⚠️ WARNING
Impermissible use
Risk of user tipping, rolling over
► Please note that this product is not suitable for jogging, running, skating, etc.

⚠️ CAUTION
Failure to check for proper functioning
User tipping over or falling
► In the interest of the user’s safety, check the product for correct function before each use.
► Please also read the instructions in the section "Maintenance" > "Maintenance Intervals".
Lack of driving experience
Risk of tipping, falling
► Practise using the product on level, open ground first.

In the interest of user safety, the following inspection must be conducted prior to use:
1) Verify firm seating of the rear wheel.
2) Verify firm locking of the seat and back angle adjustment mechanism.
3) Verify the functionality of all belt buckles on the safety belts and/or positioning aids.

6.2 Multifunctional Seating Unit (Standard Seat)

The product can also be equipped with alternative seating systems. In this case, please observe the information in the separate instructions for use for the seating system.

6.2.1 Removing and mounting the seating unit

Incorrect mounting of the seating unit
Seat can become loose and cause the user to fall out
► When attaching the seating unit, make sure it clicks audibly onto the mobility base.
► Secure the seating unit using the seat lock.

To facilitate transportation of the rehab buggy in a passenger vehicle or to divide the weight into two units for lifting, the seating unit can be easily detached from and reattached to the outdoor mobility base.

Detaching the seating unit
1) Slide the seat lock to the right to open it (see Fig. 11).
2) Stand next to the seating unit and hold the seat by the top of the backrest with one hand.
3) Pull the release lever located under the seat up to the edge of the seat (see Fig. 12).
   → The clutch will now release the seat adapter.
4) Tip the seat back at an angle of approx. 45° and then lift it up (see Fig. 8).
Mounting the seating unit
See the section “Assembly: Mounting the seating unit”.

Rotating and mounting the seating unit
If the seat is rotated before mounting, the tilt-limiting mechanism then has to be adjusted for safety reasons. See the section “Assembly: Mounting the seating unit” and the two sections that follow.

6.2.2 Rotating the seating unit

CAUTION
Non-activated tilt-limiting mechanism
Risk of the user falling out
► Note that prior to rotating the seating unit, the tilt-limiting mechanism must be adjusted, because otherwise the seat’s tilt angle will not be limited.

The seating unit can be mounted onto the mobility base in two directions (facing forward or backward) (see Fig. 14, see Fig. 15).
To remount the seating unit after rotating it 180°, the tilt limit must be adjusted (see the following section).

6.2.3 Adjusting the tilt-limiting mechanism after rotating the seat

The seat adapter is equipped with an additional standard safety feature in the form of a tilt-limiting mechanism (see Fig. 16). This feature ensures that the seat angle of the seating unit cannot be adjusted forward or backward beyond the permissible limits.
The tilt-limiting mechanism must be adjusted as follows every time the seating unit is rotated:
1) Activate the seat tilt feature (see Fig. 20) and move the seating unit forward until it reaches the stop.
   → The seat is now tilted forward approx. 10%.
2) Remove the seating unit (see Page 17).
   → The seat adapter is now freely accessible.
3) Pull the key ring (see Fig. 16/see Fig. 17, item 1) to release the locking pin.
4) Move the limit hook (see Fig. 16/see Fig. 17, item 2) into the desired position depending on the direction in which the seating unit was installed:
   → Limit hook down (see Fig. 16): mount seat facing forward.
   → Limit hook up (see Fig. 17): mount seat facing backward.
5) Make sure that the locking pin clicks fully/audibly into place after adjustment.
6) Mount the seating unit (see Page 17).
7) Check that the tilt-limiting mechanism is functioning:
   → For this purpose, activate the seat tilt feature (see Fig. 20) and move the seating unit forward/back.
   → The adjustment range of the seating unit must not exceed approx. 10° to the front and 35° to the rear. If this is not the case, the limit hook (see Fig. 16/see Fig. 17, item 2) is not in the correct position and must be adjusted accordingly (see steps 2–6).

6.2.4 Adjusting the backrest angle

⚠️ CAUTION
Change in centre of gravity following back angle adjustment
The user may fall out
   ► After each modification of the back angle, check the tilt stability. To do so, hold the product with both hands by the push handle.

The backrest can be adjusted as needed in a range from 90° to 180°:
1) Twist the lower knob counterclockwise to release the back angle adjustment (see Fig. 109).
2) Move the backrest forward/backward to the desired position. The maximum position is lying flat (see Fig. 19)
   INFORMATION: Please note that in the maximum position (lying flat), the footrest must be adjusted so that the user's feet can comfortably reach it.
3) Turn the knob clockwise to fixate the back angle.
6.2.5 Adjusting the seat angle

**CAUTION**

**Incorrect use of the seat tilt feature**

User may tip over or fall out

► Before operating the seat tilt feature (seat angle adjustment), practise without the seated user at first.

► Always engage the brake before operating the seat tilt feature (changing the seat angle).

► When adjusting the seat tilt feature, secure the user from falling out to the front or rear (e.g., by holding the upper body). If necessary, place your other hand at the backrest or under the seat to secure the user.

► Do not reach into the adjustment mechanism when changing the seat tilt settings.

The seat can be adjusted as needed within a range of **-10° to +35°**:

1) Twist the upper knob clockwise to release the adjustment mechanism (see Fig. 20).

**NOTICE!** Damage to the seat adjustment. Turn the knob with normal manual force to the stop, until you feel a clear resistance. Excessive turning of the knob will damage the adjustment mechanism.

2) Set the seat angle to the desired position (see Fig. 21).

**CAUTION!** With one hand, secure the occupant against falling out (e.g. by holding the upper body).

3) Release the knob.

→ The adjustment mechanism will lock automatically.

4) Press the backrest gently to the front/back to make sure that the seat angle is securely set. If this is not the case, the position of the upper knob must be checked.

![Image](image1.png)

![Image](image2.png)

6.2.6 Adjusting the footrest

**CAUTION**

**Getting into buggy when the footrest is folded down is dangerous**

User may fall or tip over

► Fold up the footrest before the user gets in.

**CAUTION**

**Improper lifting by attendants**

User may fall or tip over

► The footrest must not be used to lift the rehab buggy.

**INFORMATION**

The product can also be equipped with alternative seating systems. In this case, please observe the information in the separate instructions for use for the seating system.

6.2.6.1 Adjusting the knee angle

The knee angle of the footrest can be adjusted within a range of **0° to +90°** as needed:

1) Open the adjustment lever (see Fig. 22).

2) Adjust the knee angle.

3) Firmly close the adjustment lever.
4) Prior to use, check the secure position of the footrest. To do so, press the footrest down. → The knee angle must not change.

6.2.6.2 Folding up the footrest
The footrest can be folded up for transport.

Standard footrest
1) Hold the edge of the footrest (see Fig. 23, Pos. 1) and fold it up (see Fig. 23, item 2).
2) The footrest can be unfolded again by pressing down on it.

Angle-adjustable footrest (optional)
1) Pull the release strap (see Fig. 24).
2) Fold up the footrest.
3) The footrest can be unfolded again by pressing down on it. It locks into place automatically.

6.3 Alternative Seating Systems

INFORMATION
When using an alternative seating system, please observe the information in the separate instructions for use provided with the seating system.

The instructions for the multifunctional seating unit (standard seat) apply in the following cases:
• Detachment/attachment of the seating unit: see Page 17
• Rotation of the seating unit: see Page 18
• Adjustment of the tilt-limiting mechanism after rotation of the seat: see Page 18
6.3.1 Adjusting the seat angle

**CAUTION**

Incorrect use of the seat tilt feature
User may tip over or fall out
- Before operating the seat tilt feature (seat angle adjustment), practise without the seated user at first.
- Always engage the brake before operating the seat tilt feature (changing the seat angle).
- When adjusting the seat tilt feature, secure the user from falling out to the front or rear (e.g., by holding the upper body). If necessary, place your other hand at the backrest or under the seat to secure the user.
- Do not reach into the adjustment mechanism when changing the seat tilt settings.

The alternative seating system can be adjusted as needed within the range from -10° to +35°:
1) Stand to the left of the rehab buggy and hold on to the backrest for safety reasons (see Fig. 25, item 1).
2) Twist the knob on the upper front part of the frame in the direction indicated by the arrow to release the adjustment mechanism (see Fig. 25, item 2).

**NOTICE!** Damage to the seat adjustment. Turn the knob with normal manual force only to the stop (until you feel a clear resistance). Excessive turning of the knob could damage the adjustment mechanism.
3) Set the seat angle to the desired position (see Fig. 26).
4) Let go of the knob and the adjustment mechanism will lock automatically.
5) Press the backrest gently to the front/back to make sure that the seat angle is securely set. If this is not the case, the position of the knob must be checked.

6.4 Push bar

**CAUTION**

Improper lifting by attendants
User may fall or tip over
- Do not use the push bar to lift the rehab buggy.

6.4.1 Adjusting the push bar
The pushbar can be adjusted to the desired height:
1) Press both buttons on the setting joints on both sides simultaneously (see Fig. 28, item 1).
2) Move the pushbar to the desired position (see Fig. 28, item 2).
3) Release the buttons.
4) Move the pushbar up or down slightly until the joints click audibly into place.
6.5 Brake

[CATEGORY]** CAUTION**

**Brake not engaged when getting in/out**
User may fall or tip over

- Before the user gets into the buggy or out of it, always engage and check the wheel lock.
- Engage the wheel locks to prevent the rehab buggy from moving on uneven ground or during transfers (e.g., into a car).

[CATEGORY] **NOTICE**

**Incorrect use of the wheel lock**
Damage to wheels, loss of braking function

- Do not use the wheel lock whilst travelling. The product must be standing still before braking.
- Do not engage the wheel lock forcefully.
- When you activate the wheel lock and feel clear resistance, you can move the wheels slightly forwards or backwards to change their positions so that the lock pin latches on to the brake ring.

6.5.1 Engaging the wheel lock

The wheel lock must be engaged when taking the child out or parking the rehab buggy on uneven surfaces:

1) **Engage the brake**: Press the brake bar down with the tip of your foot (see Fig. 29).
2) **Release the brake**: Pull the brake bar up with the tip of your foot (see Fig. 30).

6.6 Suspension

6.6.1 Adjusting the suspension

The suspension can be adjusted continuously according to the user’s weight and the conditions of the road/surface:

1) Twist the adjustment rings on both sides of the frame equally (see Fig. 31, item 1).
   → Clockwise: the suspension becomes tighter.
→ Counterclockwise: the suspension becomes softer.

2) Check that the adjustment rings are positioned the same on both sides. The 4 marks can be used for orientation (see Fig. 31, item 2; see Fig. 32, item 1).

We recommend the following setting for the spring tension:

<table>
<thead>
<tr>
<th>User weight</th>
<th>Marking*</th>
</tr>
</thead>
<tbody>
<tr>
<td>up to 10 kg</td>
<td>up to 1st marking from the top</td>
</tr>
<tr>
<td>up to 20 kg</td>
<td>up to 2nd marking from the top</td>
</tr>
<tr>
<td>up to 30 kg</td>
<td>up to 3rd marking from the top</td>
</tr>
<tr>
<td>up to 40 kg</td>
<td>up to 4th marking from the top</td>
</tr>
</tbody>
</table>

* Reference point: upper edge of the plastic adjustment nut

### 6.7 Additional options

The product may be equipped with additional options.

The options are firmly mounted to the product by qualified personnel or the manufacturer and are pre-adjusted by qualified personnel at delivery.

#### 6.7.1 Front wheels

**6.7.1.1 "Fixed" Front Wheels**

The rehab buggy can be equipped with fixed front wheels. The front and rear wheels are the same size in this version.

Steering is achieved by pressing on the push bar to lift the front wheels slightly.

If needed, the front wheels can be pulled outwards after pressing down the locks (see Fig. 33, item 1).

**6.7.1.2 "Swiveling" Front Wheels with Integrated Swivel Lock**

The rehab buggy can be equipped with swiveling front wheels to make steering easier. If needed, the caster wheels can be locked with the integrated swivel lock. This function increases directional stability on uneven ground.
Activating the caster swivel lock
1) Pull the caster swivel lock casing forwards (see Fig. 34).
2) Push the rehab buggy forwards until the caster wheels click audibly into the lock casings.

Deactivate the caster swivel lock
1) Push the caster swivel lock casing towards the seat (see Fig. 34).
2) The caster wheels are now released again.

6.7.2 Tip-Assist
The tip-assist (see Fig. 35) makes it easier for an attendant to tip up the rehab buggy, e.g. to cross a step or curb.

Tipping the product
1) At an obstacle, place one foot on the tip-assist and push down (see Fig. 36).
2) Slightly tip the rehab buggy by simultaneously pressing down on the push bar.

6.7.3 Grab rail

⚠️ CAUTION
Improper lifting by attendants
User may fall or tip over
▶ The grab rail must not be used to lift the seating unit or the entire rehab buggy.

INFORMATION
Please note that the grab rail cannot be combined with the options "armrests" or "tray", as the same mounts are used.

The rehab buggy can be equipped with a grab rail that prevents the sitting child falling forward for certain indications.

The grab rail can be removed to facilitate getting into the buggy.

Removing the grab rail
1) Press in the tripod springs (see Fig. 130, item 1).
2) Pull out and up the grab rail.

Mounting the grab rail
1) Insert the proper sides of the grab rail into the adapter (see Fig. 130).
2) Press in the tripod springs (see Fig. 130, item 1).
3) Press down the grab rail until the tripod springs lock into place.

6.7.4 Armrests

⚠️ CAUTION
Improper lifting by attendants
User may fall or tip over
▶ The armrests must not be used to lift the seating unit or the entire rehab buggy.
Please note that the armrests cannot be combined with the options "grab rail" or "tray", as the same mounts are used.

The rehab buggy can be equipped with armrests that support the arms for certain indications. The removable armrests have been attached to the seating unit and secured against rotation.

**Removing/mounting the armrests**

1) Press in the tripod spring (see Fig. 38).
2) Pull the armrest up and out or insert the armrest into the adapter.

---

**6.7.5 Headrests**

The seat of the rehab buggy can be equipped with headrests that provide additional support for certain indications.

**6.7.5.1 Headrest supports**

In this option (see Fig. 39), the free space in the head region is adjusted by shifting the supports in the vertical slots (large adjustment range).

The option has been preset by qualified personnel.

**6.7.5.2 Integrated headrests**

With this option (see Fig. 40), the free space in the head region is adjusted through the insertion of foam pads into the lateral supports (adjustment range: 3 cm in 1-cm increments).

The option has been preset by the qualified personnel.
6.7.6 Safety belts

**WARNING**

Incorrect application of the belt system/positioning aid

Strangulation, suffocation

- Follow the instructions for proper application so that the user cannot slip into a position that would endanger him or her.
- Note that the user’s back must be up against the back upholstery when securing the belt system/positioning aid and during use of the product.
- Do not use safety belts or positioning aids if the user is able to sit without them.

**WARNING**

Use of the belt system as a restraint system in a wheelchair accessible vehicle is forbidden

The user may fall out of the product or sustain severe injuries if there is an accident

- Under no circumstances may the safety belts and positioning aids offered with the product be used as part of a restraint system for transportation in a wheelchair accessible vehicle.
- Note that the safety belts and positioning aids offered with the product are only intended to help support the user sitting in the product.

The product can be equipped with different types of safety belts. The option has been installed and preset by qualified personnel. If the option has been adjusted too tightly or cannot be engaged, the safety belt can be subsequently adjusted.

6.7.6.1 Lap belt

The rehab buggy can be equipped with a lap belt. It provides additional support for the pelvis and keeps the user from sliding out of the seat (see Fig. 41).

Adjusting the belt

1) Pull the belt out of the belt restraint (see Fig. 42, item 1).
2) Close the belt buckle firmly (see Fig. 42, item 2) and pull the belt in the desired direction.
   Make sure that the belt extends at least 2 cm beyond the buckle so that the belt restraint can be pushed over the loose end.
3) Thread the belt back into the belt restraint (see Fig. 42, item 1).

Using the belt

1) To open the belt buckle, press the “Push” button (see Fig. 41, item 1).
2) Sit the user into the seat.
3) To close the belt, slide the metal tab into the buckle until you hear it click.

6.7.6.2 Four-point belt

The rehab buggy can be equipped with a four-point belt (see Fig. 44). It additionally stabilises the pelvis and shoulders and prevents the user from sliding out of the seat. The buckle makes it easy to get in and out.
Adjusting the belt
1) The setting of the lap-belt part corresponds to the setting of the lap belt (see Page 27).
   INFORMATION: If the lap belt was run under the padding, the closures of the backrest pad must be opened.
2) Adjust the shoulder straps using the clip buckles at the base of the backrest (see Fig. 48).
   → The four-point belt is adjusted correctly when the belt buckle lies against the child’s abdomen (see section "Five-point belt").

Using the belt
1) Press the release button to open the belt (see Fig. 44, item 1).
2) Move the shoulder/lap belt straps to the side.
3) Sit the user into the seat.
4) Place the belt over his/her shoulders (see section "Five-point belt").
5) Make sure the two belt tabs click into the buckle (see Fig. 44, item 2).

6.7.6.3 Five-point belt
The rehab buggy can be equipped with a five-point belt (see Fig. 45). It additionally stabilises the pelvis and shoulders and prevents the user from sliding out of the seat. The buckle makes it easy to get in and out.

Adjusting the belt
1) Lengthen/shorten the crotch strap at the belt buckle (see Fig. 46).
2) Adjust the lap-belt part behind the seat using the adjustment buckle (see Fig. 47).
   INFORMATION: If the lap belt was run under the padding, the closures of the backrest pad must be opened.
3) Adjust the shoulder straps using the clip buckle at the base of the backrest (see Fig. 43).
   → The five-point belt is adjusted correctly when the closed belt buckle lies against the child’s abdomen (see Fig. 45).
Using the belt
1) Press the red button to unfasten the belt (see Fig. 45, item 1).
2) Move the shoulder/lap belt straps to the side.
3) Sit the user into the seat.
4) Place the belt over his/her shoulders.
5) Make sure the two belt tabs click into the buckle (see Fig. 50).

6.7.7 Positioning aids

⚠️ WARNING
Incorrect application of the belt system/positioning aid
Strangulation, suffocation
- Follow the instructions for proper application so that the user cannot slip into a position that would endanger him or her.
- Note that the user’s back must be up against the back upholstery when securing the belt system/positioning aid and during use of the product.
- Do not use safety belts or positioning aids if the user is able to sit without them.

⚠️ WARNING
Use of the belt system as a restraint system in a wheelchair accessible vehicle is forbidden
The user may fall out of the product or sustain severe injuries if there is an accident
- Under no circumstances may the safety belts and positioning aids offered with the product be used as part of a restraint system for transportation in a wheelchair accessible vehicle.
- Note that the safety belts and positioning aids offered with the product are only intended to help support the user sitting in the product.

The rehab buggy can be equipped with positioning systems.
The option has been installed and preset by qualified personnel. If the option is too tight or cannot be locked, the positioning system can be adjusted subsequently if necessary.
6.7.7.1 Thoracic supports
The seat of the rehab buggy can be equipped with thoracic supports that provide additional support to the upper body for certain indications (see Fig. 51). The option has been preset by qualified personnel.

6.7.7.2 Abductor
The rehab buggy can be equipped with an abductor (see Fig. 52) that ensures that the legs are abducted (spread to the sides) from the centre of the body for certain indications. The option has been preset by qualified personnel.

6.7.7.3 Pelvic band

**INFORMATION**
For further information, please see the instructions for use included with the product.

The rehab buggy can be equipped with a pelvic band (see Fig. 53) that secures the pelvis in the seat for certain indications.

**Opening the pelvic band**
1) Press on the back end of a buckle with the thumb/forefinger (see Fig. 54).
2) Pull out the plastic belt while holding the buckle down.

**Fastening the pelvic band**
1) Sit the user into the seat. Make sure that the user’s buttocks are up against the backrest padding.
2) Press on the back end of a buckle with your forefinger (see Fig. 54).
3) Insert the plastic belt while holding the buckle down.

**CAUTION!** If the pelvic band is too loose, the pelvis can slide forward and lead to incorrect positioning or cause the user to slide out of the buggy. Make sure the user is correctly positioned in the seat.
6.7.7.4 Chest and shoulder support

**INFORMATION**
For further information, please see the instructions for use included with the product.

The rehab buggy can be equipped with a chest/shoulder support that secures the trunk in the seat for certain indications (see Fig. 55). It is used to achieve upright symmetrical position of the pelvis and trunk.

**Adjusting the chest and shoulder support**
The adjustment of the final belt tension takes place when putting it on by adjusting the belt length at the two pairs of clips on the back of the seat (see Fig. 56, item 1).

**Applying the chest and shoulder pad**
1) If needed: Before putting the user into the seat, unfasten the clip buckles at the back of the seat (see Fig. 56, item 1) and pull the belt straps of the chest/shoulder pad forward somewhat.
2) Unfasten the bottom belt straps of the chest/shoulder pad at the clip buckles (see Fig. 57/see Fig. 58, item 1), pull the belt straps through and move the chest/shoulder pad back.
3) Sit the user into the seat. Make sure that the user’s back is up against the backrest padding.
4) Pull the chest and shoulder pad over the user’s head onto his or her chest.
5) Put the lower belt straps of the chest/shoulder pad into the clip buckles (see Fig. 57/see Fig. 58, item 1).
6) If needed: Tighten the belt straps in the clip buckles at the back of the seat and fasten them (see Fig. 56, item 1). Make sure that the chest/shoulder pad lies symmetrically on the pelvis.

**CAUTION!** If the chest and shoulder pad is too loose, the user can slide forward. This may lead to incorrect positioning or cause the user to slide out of the buggy. Please ensure that the child is positioned correctly in the seat. The lower pad belts must lie firmly against the spinae.

6.7.7.5 Fixation Vest

**INFORMATION**
For further information, please see the instructions for use included with the product.
The rehab buggy can be equipped with a fixation vest that secures the trunk in the seat for certain indications (see Fig. 59). The fixation vest does not provide any support for the pelvis.

**Adjusting the fixation vest**
The adjustment of the final belt tension takes place when putting it on by adjusting the belt length at the six clip buckles on the back of the seat (see Fig. 60).

**Putting on the fixation vest**
1) Unfasten the hook-and-loop tabs over the zipper (see Fig. 59, item 1).
2) Unzip the zipper (see Fig. 59, item 2).
3) If needed: Before putting the user into the seat, unfasten the clip buckles at the back of the seat and pull the belt straps of the fixation vest forward somewhat (see Fig. 60).
4) Sit the user into the seat. Make sure that the user’s back is up against the backrest padding.
5) Close the zipper (see Fig. 59, item 2).
6) If needed: Tighten the belt straps in the clip buckles at the back of the seat (see Fig. 60, item 3) and fasten them.
7) Close the hook-and-loop tabs over the zipper (see Fig. 59, item 1).

---

**INFORMATION**
In daily use, the fixation vest can also be put on/removed by opening/closing the clips on the front (see Fig. 61, item 1/2).

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**6.7.7.6 Groin strap**

**INFORMATION**
For further information, please see the instructions for use included with the product.

The rehab buggy can be equipped with a groin strap that secures the pelvis in the seat for certain indications (see Fig. 62).
**Adjusting the groin strap**
The adjustment of the final belt tension takes place when putting it on as follows:
- Adjusting the belt length at the two clips on the back of the seat (see Fig. 63, item 1).
- Adjusting the belt in the strap adjustment at the leg straps (see Fig. 64, item 1).

**Putting on the groin strap**
1) If needed: Open the clip buckles and pull the belt straps of the leg straps to the front somewhat (see Fig. 63, item 1).
2) Open the two clips at the leg straps by pressing on the fastener tabs (see Fig. 64, item 1).
3) Place the user on the groin strap and thread the leg straps between the legs and over the thighs to the outside (see Fig. 62).
4) Close the two clips at the leg straps (see Fig. 64, item 1).
5) If needed: Tighten the belt straps in the clip buckles at the back of the seat and fasten them (see Fig. 63, item 1).
6) By pulling on the free belt ends in the belt adjustment, the length of the leg straps can be adjusted, if needed (see Fig. 64, item 2).

**6.7.7.7 Neck Support**
The shaped padding helps to immobilise the user's head in the rehab buggy.
The option has already been installed by qualified personnel.
6.7.7.8 Lumbar Padding
The shaped padding offers additional support for the lumbar spine.
The option has been positioned and fastened below the seat padding by qualified personnel.

6.7.7.9 Hook-and-loop foot straps
The rehab buggy can be equipped with hook-and-loop foot straps that secure the child’s feet firmly to the footrest for certain indications (see Fig. 68).

**Using the hook-and-loop foot strap**
1) Open the velcro/fleece fastener.
2) Place the foot on the footrest.
3) Pull the strap firmly around the shoe and close the velcro/fleece fastener fully.
### 6.7.8 Tray

**CAUTION**

**Improper lifting by attendants**

User may fall or tip over
- The product must not be lifted by the tray.

**NOTICE**

**Overloading**

Damage to the product
- Trays must not be loaded with heavy objects.

**INFORMATION**

- Please note that the tray cannot be combined with the options "armrests" or "grab rail", as the same mounts are used.
- The tray can be used only when the seat is facing forward.

The rehab buggy can be equipped with a tray on which objects can be placed directly next to the seat. The tray is mounted on the seating unit and secured against rotation.

#### Mounting the tray

1. Plug the tray into the retainers.
2. Push in the tripod spring (see Fig. 69, item 1).
3. Press down the tray until the tripod springs lock into place.

#### Removing the tray

1. Push in the tripod spring (see Fig. 69, item 1).
2. Pull the tray out and up.

#### Adjusting the tray position

1. **Adjust height**: loosen the Allen screws on the frame with a size 4 Allen wrench (see Fig. 69, item 2) and adjust the frame in parallel on both sides. Tighten the Allen head screws again.
2. **Adjust depth**: release the adjustment lever under the tray and set the depth by moving the tray (see Fig. 70, item 1). Then firmly close the adjustment lever.
3. **Adjust the angle**: release the adjustment lever under the tray and set the tray angle by turning the tray at the joint (see Fig. 70, item 2). Then firmly close the adjustment lever.

### 6.7.9 Canopy

**CAUTION**

**Exposed pinch points**

Risk of crushing or pinching the fingers
- Do not reach into the folding mechanism when folding/unfolding.
NOTICE
Improper use of the canopy
Material may be damaged
► Remove the canopy before folding the rehab buggy.
► Remove the canopy from the rehab buggy if it is stored for a long period to protect it from damage.

The rehab buggy can be equipped with a canopy to protect the user from sun or rain (see Fig. 71).

Mounting the canopy
1) Move the backrest to an upright position.
2) Move the locking tongues for the canopy into parallel mounting position (see Fig. 72).
3) Press the locking tongues for the canopy into the buckle (see Fig. 72, item 1) until they click into place audibly (see Fig. 72, item 2).

Adjusting the canopy angle
1) Fold up the canopy.
2) Hold the canopy at the front support and change the angle by pressing or pulling on the support. The setting joint locks into place automatically (see Fig. 72, item 3).

Removing the canopy
1) Move the backrest to an upright position.
2) Release the locking tongues for the canopy from the buckle by pressing lightly (see Fig. 72, item 2).
3) Pull the locking tongues out and remove the canopy.

Special features of the canopy
• Opening the window allows for permanent visual contact with the child (see Fig. 73).
• Removal of the back part allows for improved ventilation (e.g., in case of accumulating heat in summer, see Fig. 74).
• The rain cover bag contains the rain cover (see Fig. 76).
6.7.10 Rain cover

**NOTICE**

Incorrect attachment
Damage to the product
► During the attachment, make sure that the product cannot grind against the wheels.

The rehab buggy can be equipped with a rain cover that prevents the user getting wet (see Fig. 75). The rain cover can be stored in the side bag of the canopy (see Fig. 76).

**Using the rain cover**
1) Take the rain cover from the side bag of the canopy (see Fig. 76).
2) Put the rain cover over the canopy and the footrest. Make sure that the air intake is placed open over the user’s nose (see Fig. 75, item 1).

6.7.11 Summer/winter slip sack

**NOTICE**

Incorrect attachment
Damage to the product
► During the attachment, make sure that the product cannot grind against the wheels.

The rehab buggy can be equipped with a summer/winter slip sack (see Fig. 77). The warming winter part can be inserted/removed using snap fasteners.

**Fastening the slip sack**
1) Place the slip sack in the rehab buggy.
2) If needed, place the lap belt (see Fig. 78, item 1), the abductor/five-point belt (see Fig. 78, item 2) or the groin strap (see Fig. 78, item 3) through the openings underneath the slip sack.
3) Fasten the attachment cords (see Fig. 78, item 4) depending on the attachment situation:
   → Back: e.g., at the seat plate (see Fig. 79, item 1)
   → Front: e.g., at the footrest tube (see Fig. 79, item 2)

**Using the slip sack**
1) If needed: insert/remove winter part using snap fasteners.
2) Open the zipper and place the user inside.
3) Close the zipper and the closures.
6.7.12 Frame padding
The rehab buggy can be equipped with frame padding that provides additional protection for the user from impact in the area of the folding mechanism (see Fig. 80).

Using the frame padding
1) Fit the frame padding around the pushbar and close the hook-and-loop strap.
2) Twist the hook-and-loop strap down and push the frame padding over the folding mechanism all the way to the release handles.

INFORMATION
Before folding up the outdoor mobility base, remove the frame padding, so that the folding mechanism is clear.

6.7.13 Storage basket

NOTICE
Incorrect attachment
Damage to the product
➤ During the attachment, make sure that the product cannot grind against the wheels.

NOTICE
Overloading
Damage, for example tearing
➤ The storage basket can hold a maximum load of 7 kg.

The rehab buggy can be equipped with a storage basket.
The storage basket is fastened to the frame via snaps and hook-and-loop fasteners (see Fig. 81, item 1; see Fig. 82, item 1).
The storage basket can be removed for cleaning purposes.
6.7.14 Buggy Board

⚠️ CAUTION

Overloading
Risk of the user falling due to non-observance of the technical data

- Do not exceed the maximum load capacity (see the manufacturer’s instructions for use).

The buggy board (see Fig. 83) allows children to ride safely while standing on their own feet and offers sufficient standing room.

All information about the use, attachment and adjustment of the buggy board is contained in the manufacturer’s instructions for use enclosed with the product.

Installation tips

- The couplings with the plastic straps face to the rear and are tightened securely to the rear lashing points (see Fig. 84, item 1).
- The plastic straps face inwards (see Fig. 84, item 2).
- The securing pins face from the inside to the outside (see Fig. 84, item 3).
- The securing strap can be fastened above the folding lock to the ratchet joint (see Fig. 85, item 1).

Note on use

- The folded-up buggy board must be secured with the securing strap supplied by the manufacturer (see Fig. 85, item 2).
6.7.15 Platform for Respirator

⚠️ WARNING

Use in a wheelchair accessible vehicle is forbidden
Severe injury in case of accidents
- Use of the product in wheelchair accessible vehicles in combination with the artificial respiration platform option is not permitted.

INFORMATION

The respiration platform cannot be used on a product with fixed front wheels.

The respiration platform is for attaching respiration equipment. This is secured with belts using the slots on the respiration platform.

The option has been installed in the following way, depending on the order:
- Installation of the large plate over the front wheels (see Fig. 86) – the user sits in the seat facing away from the direction of travel
- Installation of the large plate over the rear wheels (see Fig. 87) – the user sits in the seat facing in the direction of travel

The seating unit can only be turned around if the respiration platform is moved.

INFORMATION: in this case, contact the qualified personnel who adjusted your product.

6.7.16 Cup Holder

The cup holder (see Fig. 88) is for holding a drinking bottle within reach of the user or the attendant. It can be placed as required on the push bar, on the folding tube or on the grab rail.

Installing the cup holder

1) Only when the tube is vertical: secure the self-adhesive hook-and-loop straps in the desired position and at the correct distance apart. These secure the cup holder when the bottle is full.
2) Secure the cup holder with the hook-and-loop straps in the desired position.
6.7.17 Footrest Padding
The padding (see Fig. 90) is intended for users who, for example, cannot wear shoes. It also inhibits loud stepping noises on the footrest.
The option has been attached to the footrest by qualified personnel.
For cleaning it can be pulled off the hook-and-loop straps attached to the footrest.

6.7.18 Anti-Slip Upholstery
The anti-slip upholstery (see Fig. 91) on the surface of the footrest makes it more difficult for the feet to slip on the footrest.
The option has been attached to the footrest by qualified personnel.

6.7.19 Seat depth reducer

⚠️ CAUTION
Exposed pinch points
Risk of crushing or pinching the fingers
风控 When adjusting the seat angle, do not grip in the area between the seat depth reducer and the chassis frame.

The seat depth of the multifunctional seating unit in size 1 can be reduced using the seat depth reducer by 5 cm to 14 cm.
If the seat depth needs to be increased, the seat depth reducer can be removed. Please contact the qualified personnel who adjusted the product.
6.7.20 Incontinence Cover
The incontinence cover (see Fig. 93) protects the padding of the multifunctional seating unit. The incontinence cover can be removed for washing. Close the hook-and-loop straps before washing.

Attaching the incontinence cover
1) Remove the seat padding and the back padding from the seating unit (see Page 51 et seq.).
2) Lay out the incontinence cover ready for the seat and back padding. To do this, open all the hook-and-loop straps (see Fig. 94).
3) Place the seat padding in the incontinence cover.
4) Secure the incontinence cover to the back padding:
   → Place the back padding on the incontinence cover (see Fig. 95).
   → Guide the lower 3 hook-and-loop straps around the back padding and strap them together (see Fig. 96, item 1).
   → Thread the vertical hook-and-loop straps through the back padding (see Fig. 96, item 2).
5) Secure the back padding to the seating unit:
   → Pull the back padding with its cap over the back insert.
   → Guide the vertical hook-and-loop straps towards the rear over or through the back plate (see Fig. 97, item 1).
   → Guide the upper horizontal hook-and-loop strap around the back plate and strap it together (see Fig. 97, item 2). In doing so, the vertical hook-and-loop straps must be secured with the horizontal hook-and-loop strap (see Fig. 97, item 3).
6) Push the back padding towards the rear and secure it to the back of the seating unit with the twist lock.
Removing and cleaning the incontinence cover
1) Remove the seat padding and the back padding from the seating unit (see Page 51 et seq.).
2) Remove the incontinence cover from the seat padding and lay it down.
3) Remove the incontinence cover from the back padding. To do this, open all the hook-and-loop straps and remove the incontinence cover from the back padding.
4) Wash the incontinence cover according to the washing symbols on the label with care instructions.
   INFORMATION: Fully close the hook-and-loop straps before washing.

6.7.21 Foot block for shortening the lower leg length
The foot block is attached to the footrest using a hook-and-loop closure and is usually 5 cm high. Other sizes can be ordered individually.
6.8 Disassembly/Transport

**CAUTION**
Exposed pinch points
Risk of crushing or pinching the fingers
► Do not reach into the folding mechanism when folding/unfolding.

**NOTICE**
Impermissible loading when folded
Deformation, problems when unfolding
► Never place heavy objects on the folded rehab buggy.

**INFORMATION**
The product can also be equipped with alternative seating systems. In this case, please observe the information in the separate instructions for use for the seating system.

The rehab buggy must be prepared for transport in a car:
• Folded version with attached seating unit (standard seat): see Fig. 99
• Space-saving version with detached seating unit (standard seat): see Fig. 100
1) If needed, unlock and flip up the footrest until it clicks into place (see Page 21).
2) If needed, remove the seat (see Page 17).
   INFORMATION: If the seat and backrest are facing backwards, the rehab buggy can only be folded once the seat has been removed.
3) Pull up the release handles of the folding mechanism (see Fig. 101).
4) Fold the push bar over the seat to fold up the rehab buggy (see Fig. 102).
5) If needed, fold up the push bar handle to save space (see Page 22).
6) If needed, press down the locks on the rear wheels and pull the wheels outwards (see Fig. 4, item 1).
7) **Only for versions with fixed front wheels:** if needed, press down the locks on the front wheels and pull the wheels outwards (see Fig. 5, item 1).
8) Place the rehab buggy in the boot and use transport locks to secure it from sliding.
6.9 Use in a Wheelchair Accessible Vehicle

6.9.1 General Safety Instructions

⚠️ **WARNING**

**Use as a seat in a wheelchair accessible vehicle**

Severe injury in case of accident

- Always use the seats and restraint systems in the wheelchair accessible vehicle first. This is the only way to provide optimal protection for the occupants in case of accident.
- The product was tested for use in a wheelchair accessible vehicle in combination with a multifunctional seating unit (standard seat) or with a Mygo seating system.
- Please note that the use of the Mygo seating system in a wheelchair accessible vehicle is permitted only if a second locking pin for securing the seat angle is fitted on the Kimba outdoor mobility base (see the section "Adjusting and Securing the Seat Angle").
- Use of the product in combination with the artificial respiration platform option is not permitted.
- The product may only be used as a seat in a wheelchair accessible vehicle with the securing elements offered by the manufacturer and with suitable restraint systems.
- Please note that you must always remove certain options before using the product in a wheelchair accessible vehicle (see the section "Permitted Use").
- In general, you should only use the product in wheelchair accessible vehicles with the seat facing forwards (see the section "Adjusting the Seating Unit").
- In general, you should only use the product in wheelchair accessible vehicles with the seating unit secured horizontally and the backrest locked in the upright position (see the section "Adjusting and securing the seat angle" and "Adjusting and securing the back angle").

⚠️ **WARNING**

**Incorrect transport weight when using in a wheelchair accessible vehicle**

Severe injury in case of accident

- When using the rehab buggy as a seat in a wheelchair accessible vehicle, the product may only be loaded as follows:
  → Kimba neo, **size 1/size 2**: max. user weight 40 kg (88 lbs)
- The storage basket must be emptied prior to use in a wheelchair accessible vehicle.

⚠️ **WARNING**

**Use of the belt system as a restraint system in a wheelchair accessible vehicle is forbidden**

The user may fall out of the product or sustain severe injuries if there is an accident

- Under no circumstances may the safety belts and positioning aids offered with the product be used as part of a restraint system for transportation in a wheelchair accessible vehicle.
- Note that the safety belts and positioning aids offered with the product are only intended to help support the user sitting in the product.
6.9.2 Permitted Use
The product may be used for seating in a wheelchair accessible vehicle if a suitable restraint system is used. The safety belts and positioning aids offered by the manufacturer only serve to further stabilise the person using the product.

The following options must be detached from the rehab buggy prior to transport in the wheelchair accessible vehicle:

- Sun canopy
- Grab rail
- Tray
- Diaper bag
- Backpack
- Buggy board

6.9.3 Required Options
A belt set is required to secure the rehab buggy for use as a seat in a wheelchair accessible vehicle.

- The lashing points are integrated in the base frame:
  - Lashing points, front: see Fig. 103, item 1
  - Lashing points, rear: see Fig. 104, item 1
- The belt set can be obtained from a third-party manufacturer. For more information on suppliers, please refer to our brochure on using our products in wheelchair accessible vehicles, order number 646D158.

6.9.3.1 Mygo Seating System - Specifics
- Use of the Mygo seating system in a wheelchair accessible vehicle is permitted only if a second locking pin for securing the seat angle is fitted on the Kimba outdoor mobility base (see Page 46).
- Use of the Mygo seating system in a wheelchair accessible vehicle is permitted only when a chest and shoulder belt or a chest and shoulder support is used.

6.9.4 Adjusting the Seating Unit
Before using the product in a wheelchair accessible vehicle, the seating unit must be adjusted in the driving direction (so the user faces forward in the direction of travel).

To remove/rotate and mount the seating unit: see Page 17.

6.9.5 Adjusting and Securing the Seat Angle
6.9.5.1 Multifunctional Seating Unit

Activating the Locking Mechanism
Before the product can be used in a wheelchair accessible vehicle, the seat angle must be adjusted horizontally and secured.

1) Turn the top knob to the right and adjust the seat bottom so it is horizontal (see Page 20).
2) Pull out the locking pin, rotate it to the left and reinsert it (see Fig. 105, item 1).
   → The locking pin is now engaged (see Fig. 106, item 1).
3) Tilt the seat adapter (see Fig. 106, item 2) against the locking pin.
   → The seat adapter must contact the locking pin without play.
**Deactivating the Locking Mechanism**

After use in a wheelchair accessible vehicle, the seat angle adjustment must be enabled again.

1) Pull out the locking pin and secure it in the disengaged position by turning it (see Fig. 107).
2) The locking pin is disengaged (see Fig. 108, item 1). The seat angle can now once again be adjusted by turning the top rotary knob.

**6.9.5.2 Mygo Seating System**

**Activating the Locking Mechanism**

Before the product can be used in a wheelchair accessible vehicle, the seat angle must be adjusted horizontally and secured.

1) Turn the knob on the upper front part of the frame in the direction indicated by the arrow and adjust the seat bottom so it is horizontal (see Page 22).
2) Pull out the first locking pin, rotate it to the left and reinsert it (see Fig. 105, item 1).
   → The locking pin is now engaged (see Fig. 106, item 1).
3) Tilt the seat adapter (see Fig. 106, item 2) against the locking pin.
   → The seat adapter must contact the locking pin without play.
4) For additional stability, pull out the second locking pin on the opposite side, rotate it to the left and reinsert it (no picture available).

**Deactivating the Locking Mechanism**

After use in a wheelchair accessible vehicle, the seat angle adjustment must be enabled again.

1) Pull out the locking pins on both sides and secure them in the disengaged position by turning them (see Fig. 107).
2) The locking pins are disengaged (see Fig. 108, item 1). The seat angle can now once again be adjusted by twisting the knob on the upper front part of the frame.
6.9.6 Adjusting and securing the back angle

6.9.6.1 Multifunctional Seating Unit

Activating the Locking Mechanism
Before using the product in a wheelchair accessible vehicle, the back angle must be locked in the vertical position.
1) Turn the bottom rotary knob to the left and adjust the back angle to vertical (see Fig. 18; see Page 19).
2) Turn the bottom rotary knob approx. 5 mm further to the left in order to activate the back securing bolt.
3) Pull out the back securing bolt and turn it 90° (see Fig. 110). The protruding locking aids on the back securing bolt (see Fig. 110, item 1) have to engage in the horizontal slotted holes (see Fig. 111, item 1).
4) Turn the bottom rotary knob to the right to secure the back angle.

Deactivating the Locking Mechanism
After use in a wheelchair accessible vehicle, the back securing bolt must be deactivated:
1) Turn the bottom rotary knob to the left until the back securing bolt is released.
2) Pull out the back securing bolt and turn it 90° (see Fig. 110). The protruding locking aids on the back securing bolt must engage in the vertical slotted holes (see Fig. 111, item 2).
3) Turn the bottom rotary knob to the right to secure the back angle without the back securing bolt (see Fig. 18; see Page 19).

6.9.6.2 Mygo Seating System
Before using the product in a wheelchair accessible vehicle, the back angle must be tilted back gently to an angle of approx. 95°.
INFORMATION: Please note the information in the separate instructions for use provided for the seating system.

6.9.7 Securing the Product in the Vehicle

INFORMATION
Please refer to the additional information in the brochure on using our products in wheelchair accessible vehicles, order number 646D158.
For transportation in a wheelchair accessible vehicle, the rehab buggy must be secured with tie-down straps as follows:

1) In the direction of travel, slide the product approximately in the middle between or over the perforated rails anchored on the bottom of the vehicle and secure it with the wheel lock.

2) Check that the belt system in the vehicle matches the lashing points installed on the product.

3) Attach the tie-down straps mounted on the bottom of the vehicle to the lashing points on the product (see Fig. 103; front: item 1, rear: item 2):
   → Front: engage the hooks in the lashing points from the inside to the outside (see Fig. 112, item 1).
   → Rear: engage the hooks in the lashing points from the inside or the outside (see Fig. 113, item 1).

4) Firmly tighten the tie-down straps in accordance with the manufacturer’s specifications. The maximum angle of the front tie-down-straps is 45° (see Fig. 114).

5) Fold the push handle down to provide additional stability for the seating system (see Fig. 114, item 1).

6) For "swiveling" front wheel option only: turn the caster wheels to face forwards for improved stability (see Fig. 114).

7) Remove all prohibited components from the product (see Page 46).

8) Adjust the suspension to "firm" (see Page 23).
   → The tie-down straps are correctly attached (see Fig. 114).

---

6.9.8 Securing the User in the Product

⚠️ WARNING
Lack of additional belt system on the Mygo seating system
Severe injury in case of accident

► Please note that the use of the Mygo seating system in a wheelchair accessible vehicle is permitted only when a chest and shoulder belt or a chest and shoulder support is used.
CAUTION

Incorrect belt settings

User fear, strangulation due to incorrectly positioned safety belts

- The safety belts must be positioned close to the body. They must never be held away from the user’s body by components of the product or other parts.
- Firmly tighten the safety belts after they are applied. However, the comfort of the user must be taken into consideration:
  - Excessively tight adjustment may lead to unnecessary pain or suffering for the user.
  - Adjusting the belt straps too loosely can cause them to shift up or down so that the user can slide into a position that is dangerous to him/her.
  - The belt straps must not be twisted but must lie flat on the user’s body.
- The shoulder belt must run over the user’s shoulder. If this is not possible, the user must not be transported in this position in a motor vehicle.

INFORMATION

Please refer to the additional information in the brochure on using our products in wheelchair accessible vehicles, order number 646D158.

For transportation in a wheelchair accessible vehicle, the user must be secured in the rehab buggy with safety belts as follows:

1) Place the user in a nearly upright seated position.
2) Attach the lap belt to the anchor points (pins) provided:
   - Pull one end of the lap belt from each side of the seat through to the bottom (see Fig. 115, see Fig. 116).
   - Engage the ends of the lap belt on the anchor points (pins) provided (see Fig. 117, item 1).
   - **INFORMATION:** The lap belt must be worn at an angle of 45° to 75° to the horizontal. When this is not possible in exceptional cases, an angle between 30° and 45° to the horizontal can also be chosen (see Fig. 118).
3) Engage the shoulder belt in the lap belt (see Fig. 119).
6.10 Care

6.10.1 Care Instructions

• Do not allow sand or other particles to get into the product. They could degrade the wheel bearings and the locking mechanism.
• Use in saltwater is not permitted.

6.10.2 Detaching/attaching the padding for cleaning (multifunctional seating unit)

INFORMATION
The product can also be equipped with alternative seating systems. In this case, please observe the information in the separate instructions for use for the seating system.

The padding can be removed for care and maintenance of the product.

6.10.2.1 Detaching/attaching the seat padding

1) Lift the seat padding and remove it from the hook-and-loop fastener on the seat plate (see Fig. 120).
2) Clean the seat padding.
3) Fit the seat padding onto the hook-and-loop fastener.
4) Push the seat padding under the hip supports (see Fig. 121).

6.10.2.2 Detaching/attaching the back padding

INFORMATION
The manufacturer offers two versions of the back padding:
► Back padding for standard back insert (see Fig. 122)
► Back padding for back insert with headrests (see Fig. 123)

1) Release the twist lock of the back padding behind the seat bottom (see Fig. 124).
2) Unzip the back padding zipper (see Fig. 125) and remove/clean the back padding.
3) Put the back padding in place and pull it through between the back and seat bottom.
4) Close the twist lock (see Fig. 124).
5) Slide the back padding under the lateral supports (no illustration).
6.10.2.3 Detaching/attaching the covers

**INFORMATION**
The manufacturer offers the covers in the following versions:
- Covers for headrest supports (see Fig. 126, item 1)
- Covers for lateral supports (see Fig. 126, item 2)
- Covers for thoracic supports (no illustration)
- Cover for the grab rail (see Fig. 126, item 3; see the following section for replacement)
- Covers for hip supports (see Fig. 126, item 4)
- Cover for the abductor (see Fig. 126, item 5)

1) Remove the seat padding or back padding if required.
2) Open the hook-and-loop closure on the cover.
3) Remove the cover from the support or abductor and clean it.
4) Slide the cover over the support with proper alignment. Note the following:
   - If present: position the side reinforced with foam material on the **outside** (over the screw heads) (see Fig. 127, item 1).
   - Pull the cover over the support starting with the side that does not have a lug (see Fig. 128, item 1).
   - Pull the cover over the support with the help of the lug (see Fig. 128, item 2).
   - Before fastening the hook-and-loop closure, push and fold down the lug (see Fig. 129).
5) Put the seat padding or back padding back into place.
6.10.2.4 Detaching/attaching the grab rail cover (option)
1) Push in the tripod spring and remove the grab rail (see Fig. 37, item 1).
2) Pull the grab rail pad (see Fig. 126, item 3) off the grab rail and clean it.
3) Slide the grab rail pad onto the grab rail (see Fig. 37).
4) Reattach the grab rail.

6.10.2.5 Detaching/attaching the frame padding (option)
1) Open the hook-and-loop closure on the frame padding.
2) Remove and clean the frame padding.
3) Fit the frame padding around the push bar and close the hook-and-loop strap.
4) Twist the hook-and-loop strap down and push the frame padding over the folding mechanism all the way to the release handles (see Fig. 80).
6.10.3 Cleaning
1) Clean all frame components and plastic parts using mild detergents only.
2) Wash covers made of spacer fabric and microfibre at a maximum temperature of 40 °C. To do this, remove the covers from the padding and wash the covers only.
   INFORMATION: You can wash covers in the washing machine – but only in a laundry bag or pillow case. However, wiping with a damp cloth is sufficient in most cases.

Important information on cleaning
• Do not use any aggressive cleaners, solvents or hard brushes etc.

6.10.4 Disinfection
► Wipe all parts of the product with a disinfectant.

Important information about disinfecting
• Water-based disinfectants should be used. Observe the usage information provided by the manufacturer.
• Before disinfecting, clean the pads and handles.

7 Maintenance
The product bears the CE marking. The manufacturer hereby guarantees that this medical device as a whole conforms to the requirements of the European Directive for Medical Devices 93/42/EEC.
• The function of the product should be checked before each use.
• If defects are found, especially instability of the product or altered driving characteristics as well as problems with the user’s seating position or the stability of the seat, the product should not be used. The specialist dealer must be contacted promptly in order to correct these defects.
• This also applies if loose, worn, bent or damaged components are identified.
• Some maintenance tasks can be carried out to a certain extent by the user at home (see the section “Maintenance Tasks”).
• The manufacturer also recommends regular maintenance every 12 months by an authorised dealer.
• Failure to maintain the product can lead to serious or life-threatening injury to the user of the product.
• Service and repairs may only be carried out by authorised dealers or the manufacturer. This will ensure that only Ottobock spare parts are used for repairs.

7.1 Maintenance intervals
The functions described below can be checked by the user at home at the specified intervals. While these tasks are being carried out, the user must not be sitting in the rehab buggy:

<table>
<thead>
<tr>
<th>Component</th>
<th>Task</th>
<th>Before each use</th>
<th>Weekly</th>
<th>Monthly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folding mechanism</td>
<td>Check for wear</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Seating unit</td>
<td>Check attachment on mobility base</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>Check locking of seat tilt feature</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Verify the function of knobs</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
7.2 Maintenance Tasks
During maintenance work, attention must be paid to the following:

• The rear wheels and fixed front wheels (standard equipment) are designed to be a quick-release axle system. To keep this system operational, ensure that no dirt adheres to the quick-release axle or axle housing. Periodically lubricate the quick-release axle very lightly with resin-free sewing machine oil.

• In the case of swiveling front wheel (option), hair and dirt frequently collect between the caster fork and the caster wheel and make the caster wheels harder to manoeuvre as time goes by. Remove the caster wheel and thoroughly clean the fork and caster wheel using a mild household cleaner.

• If the product gets wet it should be rubbed dry.

• Regularly check that the screw connections and rivet joints are secure.

Screw connections should be periodically checked for tightness, especially during the initial period of use or after making adjustments. If a screw connection loosens repeatedly, contact the specialist dealer promptly.

8 Disposal

8.1 Disposal Information
Return the product to the specialist dealer for disposal.
All components of the product must be disposed of properly in accordance with the respective national environmental regulations.

9 Legal Information

9.1 Service life
Based on market observations and the current state of technology, the manufacturer has calculated that the product can be used for a period of 4 years, provided that it is used properly and that the service and maintenance instructions are observed. Storage times at the dealer or with paying parties are not included in this period.

However, we would like to emphasise that the product is reliable far beyond this defined period of time, provided that it is cared for and maintained properly.

If the service life is reached, the user or a responsible attendant should contact the qualified personnel who fitted the product or the manufacturer’s service (see inside or outside of rear cover for address).

9.2 Liability
The manufacturer’s warranty applies only if the device has been used under the conditions and for the purpose described. The manufacturer recommends that the device be used and maintained according to the instructions for use.

The manufacturer is not responsible for damages caused by components and spare parts not approved by the manufacturer. Repairs must be carried out exclusively by authorised dealers or by the manufacturer.
### 9.3 CE Conformity
This device meets the requirements of the 93 / 42 / EEC guidelines for medical devices. This device has been classified as a class I device according to the classification criteria outlined in appendix IX of the guidelines. The declaration of conformity was therefore created by the manufacturer with sole responsibility according to appendix VII of the guidelines.

### 9.4 Warranty terms
More information on the warranty terms and conditions is available from the qualified personnel who adapted the product or from the manufacturer's service department (see back inside cover or back cover for addresses).

## 10 Appendices

### 10.1 Technical Data

**Dimensions (cm) and weights (kg)**

<table>
<thead>
<tr>
<th>Outdoor mobility base</th>
<th>Size 1</th>
<th>Size 2&lt;sup&gt;1)&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall width</td>
<td>60</td>
<td>70</td>
</tr>
<tr>
<td>Front wheel diameter, &quot;swiveling&quot; front wheels</td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td>Front wheel diameter, &quot;fixed&quot; front wheels</td>
<td>28</td>
<td>...</td>
</tr>
<tr>
<td>Rear wheel diameter</td>
<td>28</td>
<td>28</td>
</tr>
<tr>
<td>Push handle height (min./max.)</td>
<td>71/116</td>
<td>71/116</td>
</tr>
<tr>
<td>Seat tilt (seating unit angle (min./max.))</td>
<td>-35°/+10° or -10°/+35°</td>
<td>-35°/+10° or -10°/+35°</td>
</tr>
<tr>
<td>Max. load capacity&lt;sup&gt;2)&lt;/sup&gt;</td>
<td>55</td>
<td>55</td>
</tr>
<tr>
<td>Max. load storage basket&lt;sup&gt;2)&lt;/sup&gt;</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Weight of mobility base</td>
<td>10.5</td>
<td>11.5</td>
</tr>
<tr>
<td>Folded size without seat (LxWxH)</td>
<td>79x60x47</td>
<td>79x67x47</td>
</tr>
<tr>
<td>Min. folded size with seat facing forwards; seat tilted backwards 10°, back angle 100° (LxWxH)</td>
<td>90x60x53&lt;sup&gt;3)&lt;/sup&gt;</td>
<td>97x67x59</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Multifunctional seating unit</th>
<th>Size 1</th>
<th>Size 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seat width</td>
<td>20 – 30</td>
<td>26 – 35</td>
</tr>
<tr>
<td>Seat depth</td>
<td>19 – 31</td>
<td>24 – 40</td>
</tr>
<tr>
<td>with seat depth reducer (option)</td>
<td>possible from 14 cm</td>
<td></td>
</tr>
<tr>
<td>Backrest height</td>
<td>41 – 61</td>
<td>56 – 70</td>
</tr>
<tr>
<td>Backrest angle</td>
<td>80° – 180°</td>
<td>80° – 180°</td>
</tr>
<tr>
<td>Height of shoulder strap slots (min./max.)</td>
<td>30/45</td>
<td>30/45</td>
</tr>
<tr>
<td>Width of shoulder strap slots</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Lower leg length</td>
<td>19 – 31</td>
<td>20 – 37</td>
</tr>
<tr>
<td>Max. load capacity&lt;sup&gt;2)&lt;/sup&gt;</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Max. load capacity for use in a wheelchair accessible vehicle&lt;sup&gt;4)&lt;/sup&gt;</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Weight</td>
<td>7</td>
<td>8.5</td>
</tr>
<tr>
<td>Folded size with lateral padding (LxWxH)</td>
<td>58x37x42</td>
<td>59x43x58</td>
</tr>
</tbody>
</table>

<sup>1)</sup> The outdoor mobility base with fixed front wheels in size 2 is available only as a custom fabrication.

<sup>2)</sup> The load capacity differs between the outdoor mobility base and the seating unit:
  - Seating unit (max. 40 kg) + own weight of the seating unit, size 1 (7.5 kg) = 47.5 kg
  - Outdoor mobility base (max. 55 kg) – fully loaded seating unit (47.5 kg) = 7.5 kg for other accessories + weight in storage basket

<sup>3)</sup> Folded dimensions of the outdoor mobility base with fixed front wheels; 97x60x53 cm.

<sup>4)</sup> Observe the information in the section "Use in a Wheelchair Accessible Vehicle".
Versandanschrift für Rücksendungen/Adresse for Returns:
Otto Bock Manufacturing Königsee GmbH
Lindenstraße 13  07426 Königsee-Rottenbach/Germany