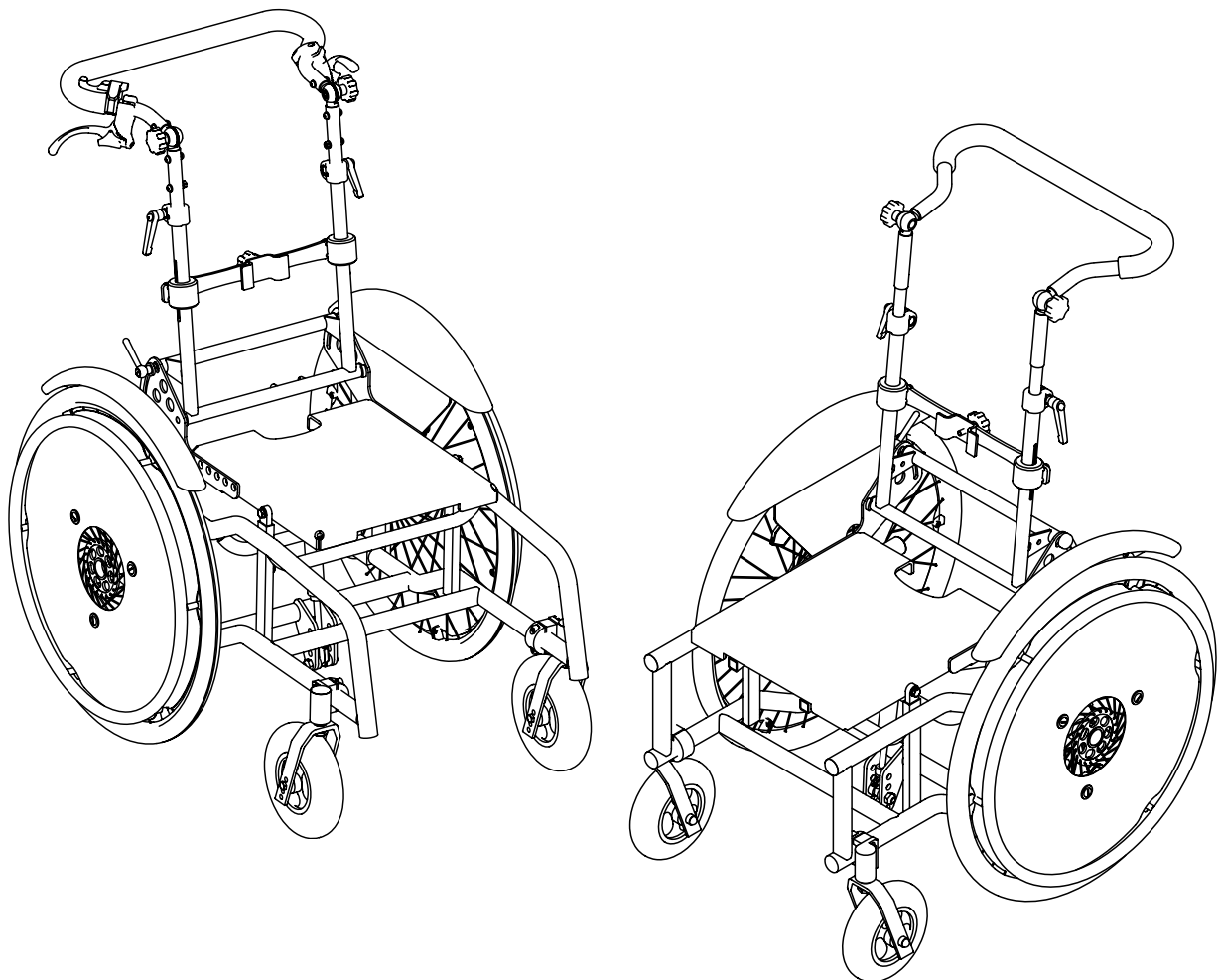


Sunny & Sunny Swing Mobility Bases

INSTRUCTIONS FOR USE

SERIAL NUMBER: _____

English



Foreword

Dear Customer,

We would like to thank you for choosing a high-quality seat shell chassis from Rehatec® GmbH. Before using your new Sunny & Sunny Swing Mobility Base for the first time, please read the safety instructions and directions carefully and follow them at all times.


We reserve the right to make technical changes and improvements to our seat shell chassis. Please note that, due to individual configuration options, the features of your mobility base may differ slightly from the information and illustrations provided in this manual.

IMPORTANT!

Please read these instructions carefully before using your new Sunny & Sunny Swing Mobility Base for the first time. Individuals with visual impairments or limited functional abilities may have the instructions read aloud or explained to them by another person. Failure to follow the instructions in this manual may compromise the user's safety.

Keep these operating instructions readily accessible for future reference and ensure that they remain with the product. If the manual is lost, we will gladly provide a replacement copy.

The operating instructions can also be viewed and downloaded from our website at www.rehatec.com

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1. Intended use

The Sunny & Sunny Swing Mobility Bases are designed to accommodate a seat shell or seat system. The wide range of adjustment options makes it ideal for the individual needs of its user. Sunny can be optimally adapted to growth and a wide variety of usage requirements.

The seat shell chassis is used in general living areas, in care settings and in the home. It is intended for indoor and outdoor use. Use in wet areas is not permitted. The device must also be kept away from heat sources and strong sunlight – risk of burns! Failure to observe this may result in considerable damage and endanger both the user and the caregiver. Improper use beyond the specified area of application will void the warranty and product liability. In order to ensure safe and successful operation for users of **Rehatec® GmbH** devices, all instructions, precautions and information in these operating instructions must be observed. **Rehatec® GmbH** does not guarantee the suitability of this product for a specific therapeutic or diagnostic purpose. The operator determines the appropriate use.

risks

We are not aware of any risks associated with using the Sunny & Sunny Swing Mobility Base. However, please note the following:



The operator must be instructed in the proper use of the device. The individual abilities and limitations of each user must always be taken into account. Never leave users unattended!

1.1 SCOPE OF APPLICATION/INTENDED PURPOSE

Sunny is designed to accommodate a seat shell or seating system that can be used for a variety of conditions, such as: infantile cerebral palsy, myelodysplasia, muscular dystrophy and conditions involving scoliotic spinal deformities.

Contraindications

Before using the Sunny & Sunny Swing Mobility Bases, it must be clarified whether there are any contraindications. In principle, use should be supervised by a doctor or orthopaedic specialist. As a general rule, any type of pain is a contraindication! Under the following circumstances and/or symptoms: Users with damaged skin, severe tone dysregulation and/or scoliosis must consult their doctor before using the device actively and/or passively. Sunny & Sunny Swing Mobility Bases do not correct poor posture and are not suitable for growth guidance! Never stabilise your posture with force or strong pressure!

1.2 RESPONSIBILITY

The operator is responsible for the proper use, maintenance and care of the product. Product modifications, repairs, maintenance work and upgrades may only be carried out by authorised persons. Only original spare parts and original accessories may be used.


Rehatec® GmbH only provides a warranty if the product is used under the specified conditions and for the intended purposes (see also chapter „9 Warranty and Service“).

1.3 DECLARATION OF CONFORMITY


The corresponding declaration of conformity can be found in the download area at www.rehatec.com. The CE mark must be removed if the Rehatec® product is modified, altered or used in combination with unauthorised products from other manufacturers. The CE mark also becomes invalid if non-original Rehatec® spare parts/accessories are used.

1. Intended use


1.4 CARE AND MAINTENANCE

 *The user is responsible for regular maintenance and care.*







1.4.1 CLEANING

 *Do not use abrasive cleaners or cloths for cleaning.*

- You can use any conventional cleaning agent to clean the entire product. Please observe the care and safety instructions on the respective cleaning agent!
- Clean the powder-coated base frame and the chrome-plated and powder-coated attachments with a soft, slightly damp cloth. Then dry the parts thoroughly.
- Warm water and a little washing-up liquid (but please do not use too much) are sufficient for the visual care of the drive wheels, rims, wheel guards and spokes. Spray the relevant parts with a spray bottle and leave to work for a few minutes. You can then use a garden hose, setting the water jet to soft.

 **Do not use a high-pressure cleaner.**

1.4.2 MAINTENANCE


-  **Never use a device that is not in perfect condition!**
-  **In the event of excessive wear or if worn product parts are not replaced, the safety of the product may no longer be guaranteed!**
-  **Faults, malfunctions or defects may only be repaired by the manufacturer or the operator/service provider!**
-  **Do not make any changes to the product!**
-  **If you have any complaints or problems, please contact your service provider/operator!**
-  **Only use original spare parts/accessories or those approved by Rehatec® GmbH Before each use**

Please check the following functions before each use:

- All connecting parts and components required for the supply. You can treat moving parts/mechanisms with Teflon spray (dry lubricant) and wipe off any excess residue with a soft cloth.
- The functions of the drum brake

During use

- It is important that all components are undamaged during use. Therefore, check them regularly and have them repaired or replaced if necessary.

 **Taking into account any maintenance that may need to be carried out earlier, a maintenance interval of 12 months is specified for the device in accordance with the following inspection schedule.**


1. Intended use

1.5 REUSE

1.5.1 REUSE

The operator/service provider is responsible for reuse or refurbishment. Sunny & Sunny Swing Mobility Bases are generally suitable for reuse, although products are subject to particular stress when reused.

When reusing the product, it is important that all documentation relating to the device is handed over to the next user.


 **Before each reuse, the product should be thoroughly inspected in accordance with the inspection plan and cleaned in accordance with the following preparation instructions:**
Important information on preparation:

Do not use abrasive agents or cloths for preparation. The powder-coated base frame, drive wheels, wheel guards and chrome-plated and powder-coated attachments must be cleaned with a CE-certified disinfectant. Then dry the parts thoroughly. Alternatively, disinfection can also be carried out in a certified cold fogging system.

service life

A corresponding list of service lives can be found at www.rehatec.com in the download area.

1.5.2 DISPOSAL

 **The product must not be disposed of with household waste.**

The Sunny & Sunny Swing Mobility Bases must be disposed of properly. Please contact your specialist dealer for this.

Packaging materials must be separated according to waste type and disposed of in the waste containers in accordance with the municipal recycling concept. Waste disposal may vary from municipality to municipality. For proper disposal, please contact your local waste disposal authority or the administration of your place of residence if necessary. Observe the disposal regulations of your country..

1.6 WARRANTY AND SERVICE

Warranty services apply to product defects that can be proven to be due to material or manufacturing faults.

We provide a 3-year warranty on the frame parts of the Sunny & Sunny Swing Mobility Bases. Such defects will be repaired free of charge by **Rehatec® GmbH**. Upholstery, wooden parts, fabrics and castors are excluded from the warranty. The manufacturer's warranty conditions apply to the electrical components.

Rehatec® GmbH cannot accept any further warranty or liability for damage resulting from:

Non-original spare parts and accessories or those not approved by **Rehatec® GmbH**

Modifications or interventions to the product not approved by **Rehatec® GmbH**

Natural wear and tear or excessive strain

Improper use or forceful damage

Failure to observe the operating instructions

1.6.1 WARRANTY TERMS


- Complaints must be made in writing.
- The warranty shall be void in the event of design changes without the written consent of **Rehatec® GmbH**.
- Defective or replaced parts are the property of **Rehatec® GmbH**.
- The warranty does not cover accidental damage.

1.6.2 SERVICE/COMPLAINTS

Rehatec® GmbH is at your disposal for complaints, enquiries and further information or orders for accessories and retrofittable additional equipment.

1. Intended use

1.6.3 SERVICE PLAN

 Inspections must be carried out by a specialist dealer and documented on the copy. This document belongs with the device and serves as proof for reuse and for claiming warranty services. Please keep it together with the operating instructions.

product

serial number


Scheduled maintenance intervals

12 months

Item	Assembly		Settings & functions		Damage & deformation		Screw connections	
			without defects	with defects	without defects	with defects	without defects	with defects
1	Frame	Frame, straight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Frame, abducted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Long frame	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Tipping bar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Parking brakes/knee lever brakes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Brake with extension lever	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Castor wheels with wheel forks and castor stems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Castor wheel stop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Drive wheels with drum brake carrier and hand brake levers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Quick-release axles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Spoke guards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Wheel guards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Seat tilting via gas spring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Wheelchair-tiedown and occupant-restraint system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Seat	scala-/viamobil attachment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		scalamobil anti-tip	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Seat plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Back	Trapezoid adapter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Mounting for footplate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Back adjustment, mechanical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Back adjustment via gas spring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Push bar, angle-adjustable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Push handles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Mounting device with a split, fixed bracket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Mounting device with a split, adjustable bracket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Item	Assembly		Settings & functions		Damage & deformation		Screw connections	
			without defects	with defects	without defects	with defects	without defects	with defects
		Standard armrests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Comfort armrests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Feet	Footrest throughout	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Footstool, split	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Foot angle, adjustable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Folding mechanism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Heel loop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Calf support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Calf supports, split	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Flip-up foot rests, standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Flip-up foot rests, special	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Heel loop for flip-up foot rests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Swivel footrest, straight frame Sunny Swing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Swivel footrest, abducted frame Sunny Swing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notes for any repairs and further maintenance:

 You can find an interactive inspection plan that you can fill out yourself on our website in the download area.

2.Safety

2.1 SIGNS AND SYMBOLS



Attention!

Indicates particularly important safety information..



Important!

Indicates particularly useful information in the respective context.

2.2 SAFETY INSTRUCTIONS

Please follow all instructions in this manual carefully. Incorrect operation may impair important functions. All safety instructions and other regulations must be observed at all times by both the user and the accompanying person/supervisor.

General



Never leave the user unattended. Constant supervision by an adult is required.



Under the following circumstances and/or symptoms, active and/or passive use of the device must be explicitly clarified with the attending physician or therapist: Users with damaged skin; with severe tone dysregulation



The maximum permissible load must not be exceeded.

Please note that this specification refers to the patient including the seat shell (see chapter „6. Technical data“). If necessary, use a stronger gas spring.



The seat shell chassis is only approved for use by the person for whom it was adjusted by the specialist dealer.



The user must be adequately secured/fastened to prevent them from falling out, without compromising their comfort.



Surfaces may heat up when exposed to heat – there is a risk of burns if temperatures exceed 40°C! To protect the user from burns, keep the device away from heat sources (e.g. wood-burning stoves) and strong sunlight.



Only place weight on the seat shell chassis in the permitted areas – excessive weight due to incorrect handling (e.g. by attaching objects, leaning on it, etc.) leads to a risk of tipping.



The seat shell chassis may only be operated by authorised or trained persons who have read and understood the complete operating instructions.



The use of the device must be practised. This applies to self-drivers as well as accompanying and operating personnel. The device must be protected from access by unauthorised persons.



Never carry the device with the user!



Observe additional safety instructions under „5. Device settings“.

Setting/ function



All settings must be adjusted correctly before each use of the device. Before each use, check that all parts are securely fastened.



Check all settings at regular intervals. Check all screw connections for tightness and check the wheels regularly. Carry out maintenance at the prescribed intervals (see chapter „8. Care and maintenance“).



Only regular inspection of all safety-relevant parts will maintain safety and the manufacturer's warranty.



Never use force when making adjustments, as improper handling can cause defects and damage to the device.



Combining the seat shell chassis with unauthorised third-party products can be dangerous. The manufacturer accepts no liability for damage or complications resulting from such combinations.



The device must not be modified without the manufacturer's permission. The seat shell chassis must not be used if it is defective, damaged or modified.



Repair and adjustment work may only be carried out by *Rehatec® GmbH* and authorised specialist dealers, and only when the user is not in the device. Be aware of the risk of pinching and crushing with all rotating/turning parts!



Adjustment ranges must not be exceeded. A secure connection between parts must be ensured.

Environment/Operation



When using on uneven ground or slopes, as well as during transport, observe the instructions (see chapter „4. Handling“).



Operate only at an ambient temperature of -5°C to 35°C.



Store the seat shell chassis indoors only.



To avoid the risk of fire, never use the device near or in conjunction with flammable substances and fire-causing objects.



The seat shell chassis must not be used in wet areas, outdoors or in environments with high humidity. It must be protected from moisture.

3. Product and delivery overview

3.1 SCOPE OF DELIVERY

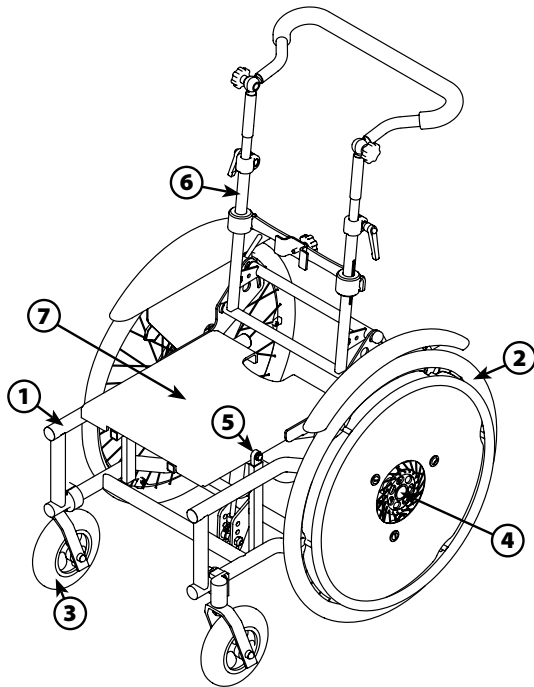
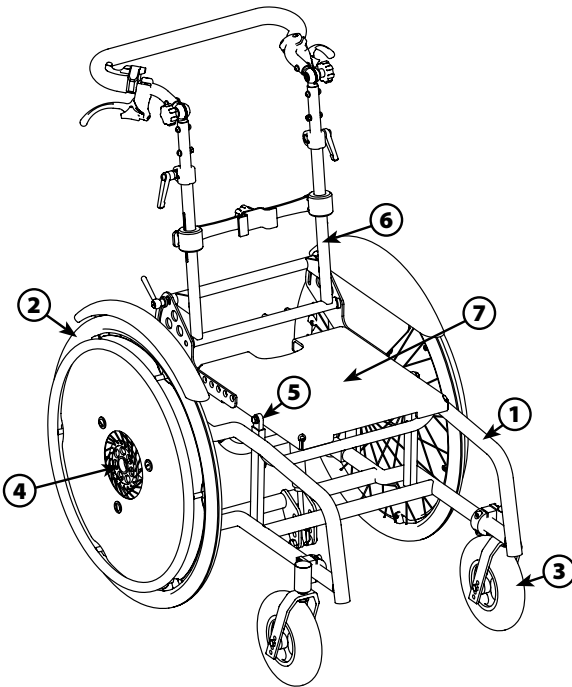
The Sunny & Sunny Swing Mobility Bases can be individually equipped with accessories. Technical data on size and permissible weight can be found in the table in chapter „6. Technical Data“.

The Sunny & Sunny Swing Mobility Bases is usually delivered fully assembled and in its default setting. To prevent damage during transport, plug-in and unfastened parts are packed separately in the box.

The standard scope of delivery includes the following components:

i The illustration may differ from your product due to individual configuration options.

Sunny	Sunny Swing
① Base frame (straight; abduction frame)	① Base frame (short frame)
② Drive wheels (12"; 16"; 20"; 22"; 24")	② Drive wheels (12"; 20"; 22"; 24")
③ Steering wheels (6"; 7"; 8")	③ Steering wheels (6"; 7"; 8")
④ Brake levers/drum brake	④ Brake levers/drum brake
⑤ Seat height adjustment Seat tilt via gas spring	⑤ Seat height adjustment Seat tilt via gas spring
⑥ Backrest, height and angle adjustable Push handles	⑥ Backrest, height and angle adjustable Push handles
⑦ Seat plate	⑦ Seat plate



3.2 ACCESSORIES

Accessories are parts or components that are not included in the standard version of your seat shell chassis.

We recommend ordering the desired accessories when placing your initial order. However, you can also purchase and install all accessory components at a later date. For further information, please contact your specialist dealer.

You can purchase the following accessories:

- Additional gas spring for seat tilt
- Gas spring adjustment for backrest adjustment
- Push bar, angle adjustable
- Backrest attachment with fixed angle
- Adjustable angle for backrest attachment
- Trapezoidal adapter (complete; lower part)
- Steering wheel stop from 7"
- Tilting bracket
- Tilting safety device
- Power knot system
- Wheel guard from 20"
- Spoke guard
- Parking brake/knee lever brake
- Armrests
- Footrest (continuous; split)
- Footrest mechanisms (adjustable foot angle; flip-up mechanism)
- Heel edge
- Calf pads
- Footrest mount for separate footrest

i Further information and data can be found at: www.rehatec.com
Or simply request it by e-mail, fax or post..

! When selecting and attaching medical accessories, care must be taken to ensure that the mobility of the device is not impaired.

3.3 CHECKING THE DELIVERY

Please check your delivery for completeness and integrity. In the event of damage or incomplete delivery, please contact our customer service department.:

Telephone number: +49 (0) 6228 - 91 36 - 0















When reordering accessories or spare parts, you should always provide the serial number. The serial number can be found on the type plate. (See chapter „7. Product identification“)

4. Handling


Sunny is primarily intended as a push wheelchair, but it is also suitable for independent use. Taking into account the instructions for use and the individual abilities and knowledge of the user, the decision regarding independent use and the routes to be travelled is at the discretion of the user or the assistant.

Information about the various adjustment options for the seat shell chassis and their effects on handling can be obtained from your specialist dealer.










4.1 DRIVING CHARACTERISTICS GENERAL

-  When sitting down and standing up from the seat shell chassis, do not step on any supposed footrests (e.g. footboard) – there is a risk of tipping! Only get in and out with the parking brake applied, on level and firm ground.
-  Check that the seat shell is securely anchored before each use.
-  Do not hang any objects on the push handle or backrest – there is a risk of tipping!
-  Never reach between the spokes or drive wheel while driving.
-  Always apply the brake on both sides. Do not lean on the brake lever.
-  Before each journey, check the condition of the wheels and that the brakes are working properly.
-  Manoeuvrability is restricted on unpaved surfaces (gravel, mud, water, ice, etc.). There is a risk of tipping and slipping!
-  Risk of tipping when the route conditions change (surface conditions, edges, slopes and weather conditions).
-  Dangerous routes should be avoided, e.g. paths on unsecured slopes, downhill sections, narrow paths, etc.
-  An abrupt start from a standstill can cause the device to tip over.
-  Extreme settings and unfavourable body posture, e.g. leaning out too far, increase the risk of tipping.
-  If the steering wheels flutter, reduce the driving speed.
-  You may only use the device on public roads if you have driving experience. The seat shell chassis may only be driven where pedestrian traffic is permitted. When using the device on public roads, equip it with reflectors. The road traffic regulations must be observed.
-  Secure the stationary seat shell chassis against rolling away by applying the parking brake.



4.2 SHIFT IN FOCUS BY THE USER

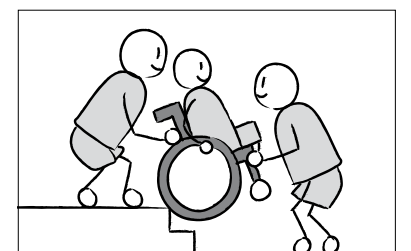
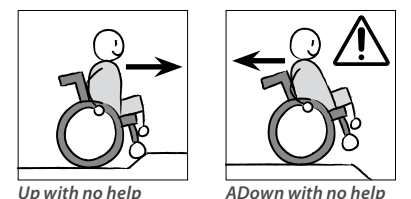
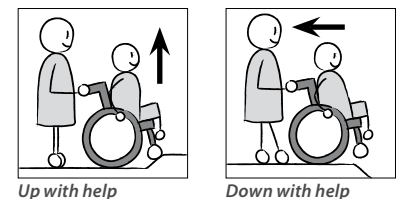
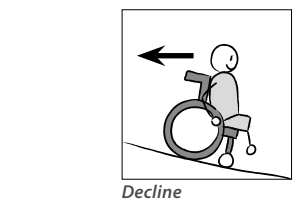
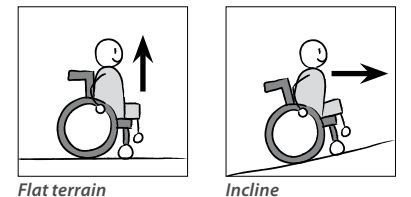
-  Changes in the centre of gravity always affect the behaviour of the seat shell chassis. The centre of gravity can be influenced by changing your posture and by changing the device settings (influencing the centre of gravity through device settings is described in the relevant section).

The use of the device should be practised for different environmental conditions with the assistance of a helper. The use of the anti-tip device is recommended for inexperienced users.

-  Risk of tipping! Proceed very carefully and at minimum speed on slopes and obstacles (steps/edges). Lean your upper body towards the hill as much as possible (bear in mind the increased effort required).
-  The seat and backrest unit must be in a 90° position when driving independently on inclines/declines.
-  When driving over obstacles (steps/edges), swivel the anti-tip device into the passive position – risk of getting stuck. (see section „5.18 Anti-tip device“).
-  To drive over obstacles, actively tilt the device and, if necessary, seek assistance from another person.
-  Always approach obstacles head-on. There is an increased risk of tipping when approaching obstacles at an angle or from the side. Do not drive parallel to rails or level crossings – the wheels may become stuck.
-  The maximum permissible angle of a drivable slope is 10°. Do not drive across the slope due to the increased risk of tipping.
-  There is an increased risk of tipping when cornering and turning. Pay attention to the footrests when changing the ground clearance.
-  On long downhill slopes, only drive at a speed that allows the device to be brought to a standstill at any time.
-  When tilted or when the back is tilted >90°, which shifts the centre of gravity, activated tilt protection is necessary!

Stairs/Ramps

-  Only climb stairs with the help of two accompanying persons. Only climb stairs by pushing or pulling the device, do not carry it. Swivel the anti-tip device into the passive position. Take care of your back!
-  Never use escalators (even with an accompanying person).



4. Handling

- ⚠ Only hold onto fixed frame parts and the backrest, never the push bar or other attached parts.

Grip ring

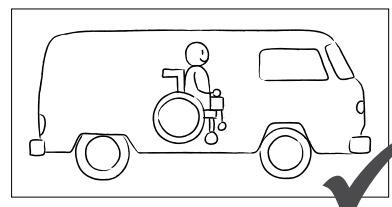
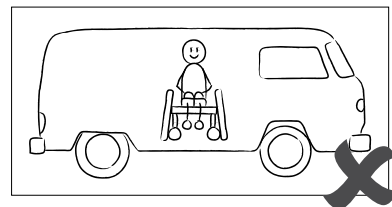
- ⚠ When navigating narrow pathways or entrances, be mindful of your hands – risk of injury.
- ⚠ Do not place your fingers between the wheel cover or backrest adjustment mechanism – risk of crushing.
- ⚠ The push rim may become hot during prolonged descents or when braking from high speeds.
- ⚠ Use suitable wheelchair gloves for protection..

4.3 TRANSPORTATION IN MOTOR VEHICLES

- i This seat shell chassis has been tested in accordance with ISO 7176-19 and approved as a seat for transport in motor vehicles with a power node adapter.
- i For the transport of passengers in motor vehicles, the Sunny must be equipped with the power node adapter available from specialist retailers. This can be fitted to the device on request or purchased from specialist retailers.
- i The safest way to transport people is in a standard vehicle seat with a three-point seat belt. Transporting people in a wheelchair secured in the vehicle does not offer the same level of safety.

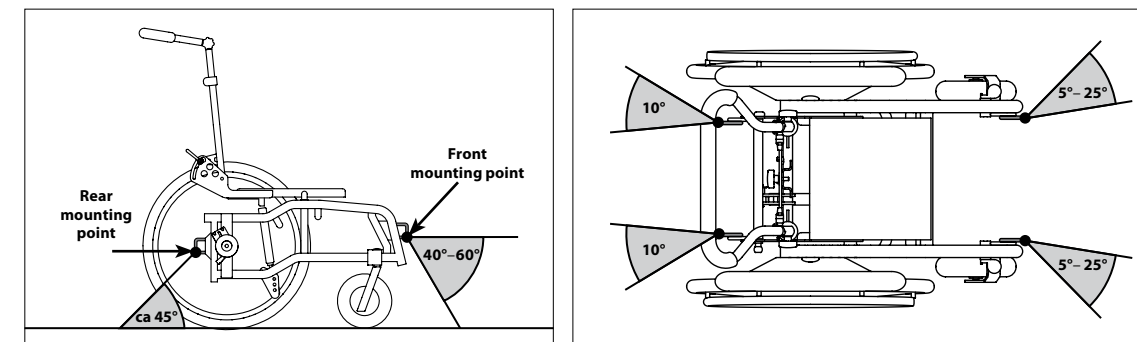
Fastening the seat shell chassis

- ⚠ Sunny is only approved for transporting passengers in motor vehicles with a special fastening system (power knot adapter).
- ⚠ The power knot adapter is only approved and may only be used in conjunction with the corresponding wheelchair mounting system. To transport wheelchairs/seat shell chassis with passengers, the motor vehicle must be equipped with the appropriate wheelchair mounting system.
- ⚠ The manufacturer's instructions for use for power knot adapters/ wheelchair mounting systems must be followed.
- ⚠ After motor vehicle collisions, the seat shell chassis, seat shell and fastening system must be inspected by a specialist dealer before further use and replaced if necessary.
- ⚠ Passengers may only be transported in the seat shell chassis in the direction of travel.



- ⚠ For transport, all attachments (e.g. therapy table, loose parts) must be removed and stowed safely in the vehicle.
- ⚠ The brakes must be applied for transport (see device setting „5.8 Drum brake“).
- ⚠ Any airbags in the vicinity must be deactivated.
- ⚠ Tensioning reactor belts or static belts for the front and rear must not be mixed up.

Proposal for mounting brackets for the wheelchair mounting system with Wheelchair securement adapter



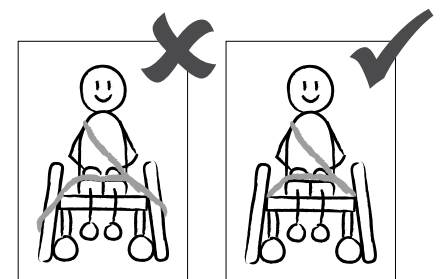
- ⚠ As the mounting depends on the wheelchair-accessible features of the individual vehicle, it is essential to follow the manufacturer's instructions!

Belting

- ⚠ Belts must not be twisted and must be tightened so that the user is adequately secured but comfort is not compromised.
- ⚠ The belt and buckle must not be routed over parts of the seat shell chassis or seat shell (e.g. armrests, wheels), thereby keeping them away from the body. Buckle tongues must be securely locked in the buckle.
- ⚠ The user must be secured with a lap belt and shoulder belt.

The lap belt must fit snugly just above the pelvic bone. The shoulder belt runs centrally over the collarbone. To fasten the shoulder belt, the buckle tongues on the lap belt must be as far to the outside of the pelvis as possible. The lap belt buckle is located centrally between the pelvic bones.

The back should be in an upright position (90° angle) if possible. A head-rest suitable for transport should be centred and close to the head when the head is upright..



5. Setting up the device

! During all adjustment work, be aware of the risk of pinching and crushing. Adjustments should be carried out by two people to prevent possible injury.!

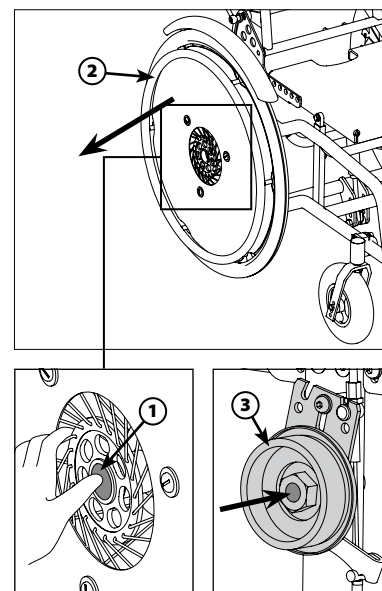
The numerous adjustment options must be repeatedly readjusted to suit the user during the course of the illness and as they grow. Only a perfectly adjusted seat shell chassis enables controlled use of the device.

5.1 DRIVE WHEEL

- !** Be aware of the risk of pinching and crushing!
- !** The parking brake must be readjusted after changing the wheel. The thru axle must be fully engaged.
- !** Ensure correct tyre pressure and sufficient tyre tread.
- !** The drive wheel may only be removed when the button is pressed. Check that the wheel is securely seated by pulling on it.
- !** Assembly and adjustments may only be carried out without passengers.

Assembly of the drive wheel

Release brakes. Quick-release axle release ① Press and hold with one hand. Drive wheel ② Remove with the other hand. If necessary, hold the drive wheel with one hand. With the other hand, activate the quick-release mechanism and place the wheel in the drum brake carrier. ③ Insert until it clicks into place automatically.

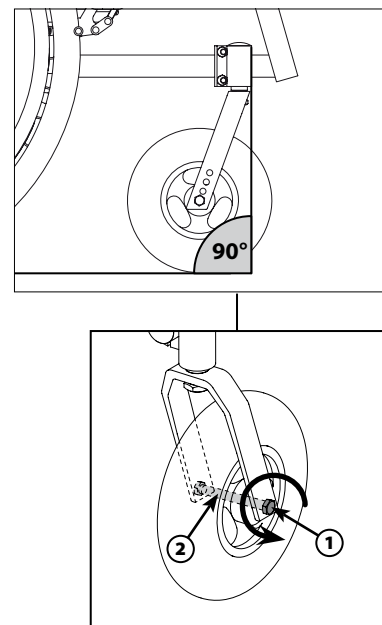


5.2 STEERING WHEEL

The steering wheel position is crucial for the chassis to travel in a straight line and is optimally preset at the time of delivery.

- i** Small wheels make the frame more manoeuvrable, while large wheels make it easier to negotiate obstacles.
- i** After changing the size of the drive wheel or changing the tyres, it may be necessary to adjust the height of the steering wheel.
- i** The steering axle must be perpendicular to the road surface.
- !** These settings may only be adjusted by Rehatec® GmbH and authorised specialist dealers, and only when the vehicle is unoccupied.
- !** Ensure sufficient tyre tread. For optimum driving characteristics, align the steering axle perpendicular to the ground.

Remove the nut ① by turning it anticlockwise while holding the bolt ② in place, and remove the bolt ②. Move the steering wheel. Replace the bolt ② and tighten the nut ① again by turning it clockwise while holding the bolt in place.



5.3 STEERING WHEEL LOCK (OPTIONAL)

The steering wheel lock prevents the steering wheels from turning and is suitable for long journeys in a straight line..

- !** Be careful of the risk of getting caught or crushed!
- i** When the steering wheel stop is activated, the steering wheel forks must be aligned.
- i** The steering wheels must be aligned parallel to the drive wheels..

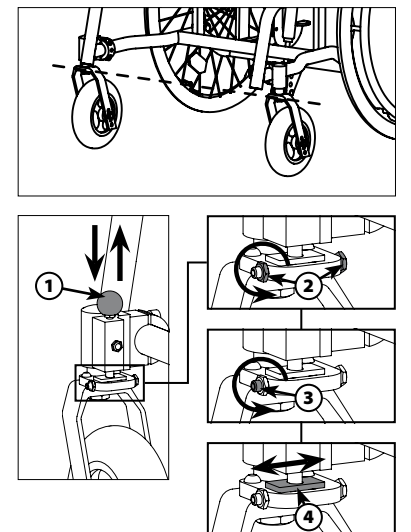
Activate steering wheel lock: Press the button down.

Deactivate steering wheel lock: Pull the button upwards.

Aligning the wheel forks

- !** These settings may only be carried out by Rehatec® GmbH and authorised specialist dealers.

Button ① Press down. All nuts ② and grub screws ③ Loosen counter-clockwise. Align steering wheel forks parallel to each other. Slotted nut ④ by tightening or loosening the grub screws ③ align. Nuts ② tighten clockwise.



5.4 DRIVE WHEEL TRACK

The wheel track affects the smooth running of the seat shell chassis and is optimally preset upon delivery.

- i** The distance between the drive wheels and the centre of the device should be the same.

5.5 WHEELBASE

A change in the wheelbase affects the driving and tipping behaviour of the device. The choice of setting depends on the type of use as well as the individual abilities and driving skills of the user and the assistant.

- !** These adjustments may only be carried out by Rehatec® GmbH and authorised specialist dealers, and only when the wheelchair is unoccupied.
- !** Be aware of the risk of pinching and crushing!
- !** A short wheelbase requires confident control of the seat shell chassis.
- !** The centre of gravity must be adjusted so that the base frame is stable and cannot tip backwards. Use anti-tip devices if necessary. Adjusting the seat and backrest changes the centre of gravity – risk of tipping.

5. Setting up the device

! A change in the centre of gravity caused by the repositioning of attachments may need to be corrected via the wheelbase. After changing the wheelbase, the parking brake must be readjusted..

i A greater distance between the drive wheels and the centre of gravity results in greater stability.

i The closer the drive wheels are to the centre of gravity (short wheel-base), the more manoeuvrable the chassis becomes. This improves driving characteristics and steering behaviour and reduces the amount of effort required by the user (self-driver) or assistant. The risk of tipping is increased.

Shifting the wheelbase

Remove the wheel (see section „5.1 Drive wheel“). Bowden cable ① by pressing the brake release upwards ② hang up. Screws ③ Loosen by holding the nuts counterclockwise and remove the drum brake with spacer bushings. If present, remove the wheel guard (see chapter „5.6 Wheel guard“). Move the drive wheel.

Reassemble parts in reverse order.

! Tighten the screws alternately until all screws are securely fastened!

5.6 WHEEL GUARD (OPTIONAL)

i The drive wheel must be removed before making any adjustments (see section „5.1 Mounting the drive wheel“).

Height adjustment

Screws ① Loosen by holding the nuts on the rear side and turning them anticlockwise. Adjust the wheel guard to a distance of 5–10 mm. Screws ① Tighten the nuts again by turning them clockwise.

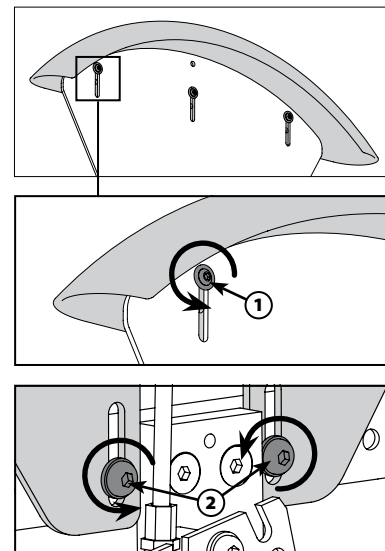
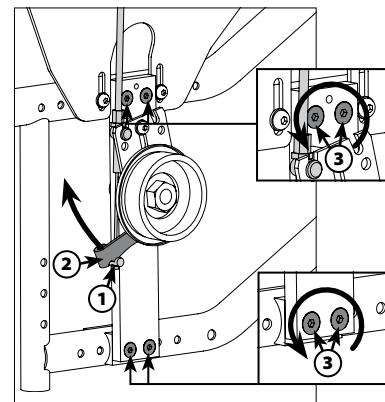
Assembly

Screws ② loosen counterclockwise.
Fitting the mudguard/adjusting the height.
Screws ② tighten clockwise.

5.7 MEMORY PROTECTION (OPTIONAL)

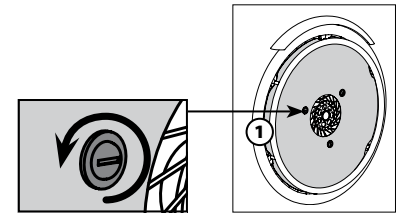
The spoke guard prevents fingers from getting caught in the spokes and causing injury.

! Tighten the screws alternately until all screws are securely fastened!



Assembly

Unscrew the screws on the grab ring counterclockwise and carefully remove the grab ring. Place the spoke guard ① on. Screw the screws on the spoke guard ① clockwise. Carefully attach the grab ring and tighten the screws clockwise again.



5.8 DRUM BRAKE

The brake levers enable assistants to brake while pushing. They cannot be used by self-drivers.

! Check that the brakes are working properly before each journey. Precise brake adjustment and regular maintenance are essential for safe braking (see section „8.2 Maintenance“).

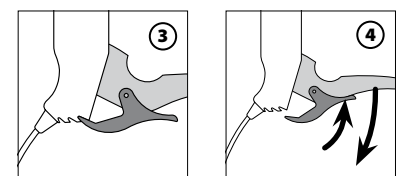
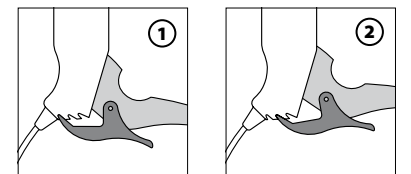
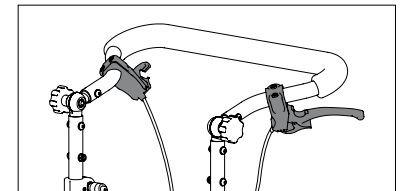
! The braking effect must be the same on both sides. Always apply the brakes on both sides – risk of tipping. The braking effect may be reduced on slopes.

! Set the brake to the parking position when the device is stationary.

Operating the brake levers on the push bar

i The braking effect of the locking positions can be adjusted using the brake cable adjustment screw. The braking effect should be within the ranges shown. A secure parking position must be ensured..

- ① **Slight deceleration:** By pulling lightly on the brake lever, engage the lock in the first gear.
- ② **Hard braking:** By pulling firmly on the brake lever, engage the lock in the second gear.
- ③ **Parking position:** By pulling firmly on the brake lever, engage the lock in the third notch.
- ④ **Releasing the brake:** Lock and tighten the brake lever, release the brake lever with the lock tightened.



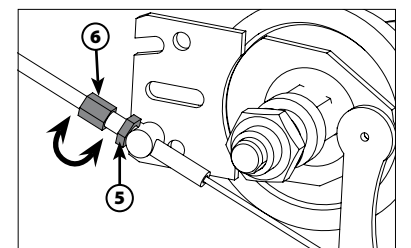
To adjust the braking effect

! Assembly and adjustment only without passengers!

! The functionality of the brake must be checked regularly and adjusted if necessary!

Loosen the nut ⑤. Adjust the brake pressure by turning the screw ⑥. Turning towards the drum brake reduces the braking effect. Tighten the nut ⑤ again.

i Check the braking effect according to the information on the locking positions. Repeat the process if necessary..



5. Setting up the device

5.9 PARKING BRAKE ON DRIVE WHEEL (OPTIONAL)

Parking brakes secure the seat shell chassis against rolling away when stationary and are not suitable for braking while driving..

- ⚠ These adjustments may only be carried out by **Rehatec® GmbH** and authorised specialist dealers, and only when the wheelchair is unoccupied.
- ⚠ Check that the brakes are working properly before each journey. Precise adjustment of the brakes and regular maintenance are essential for safe braking performance (see section „8.2 Maintenance“).
- ⚠ After changing wheels or tyres, the parking brake may need to be readjusted. The brakes will only work effectively with the correct tyre pressure and tyres.
- ⚠ Only apply the brakes when the device is stationary.
- ⚠ Do not use the brakes to reduce speed while driving. Always apply the brakes on both sides – risk of tipping. Do not lean on the brake lever.
- ⚠ Be aware of the risk of pinching and crushing!

Parking brake position

The position of the brake carrier is determined by the wheel size and wheelbase. Depending on the equipment and settings, the position can also be changed retrospectively..

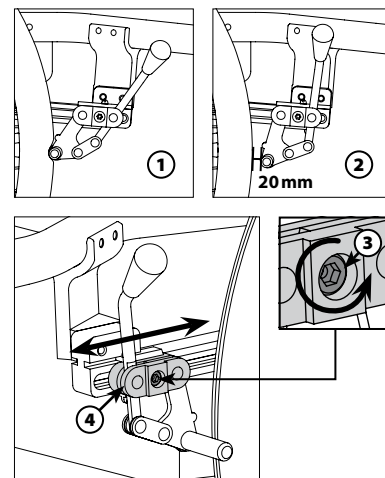
- ① **Brake engaged:** The wheel must not be allowed to turn..
- ② **Deactivated brake:** The distance between the wheel and the brake cylinder should be approximately 20 mm.

ⓘ The distance depends on the tyre size, tread and pressure..

Position adjustment

Loosen the screw ③ anticlockwise.
Move the parking brake ④ on the brake guide.
Tighten the screw ③ clockwise again.

- ⚠ At least two screws must always be used, spaced at least one hole apart!
- ⚠ Tighten the screws alternately until all screws are securely fastened!



5.10 TILTING OF THE SEATING POSITION

The seat angle can be adjusted at any time for a more comfortable or therapeutically beneficial position.

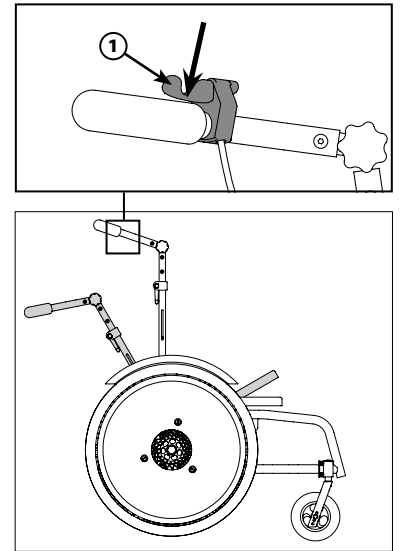
- ⚠ Due to increased risk of tipping when adjusting the angle, use anti-tip device.
- ⚠ Apply brakes before adjusting seat position.

Press and hold the release lever on the adjustment handle ①.

Adjust the frame to the desired tilt:

Lower the seat unit: Press down on the seat with both hands on the push bar.

Raise the seat unit: Pull the seat upwards with both hands on the push bar. Release the adjustment handle ①.



5.11 BACKREST ANGLE ADJUSTMENT

The backrest can be adjusted either by gas spring (release lever on the push handle/arch) or manually..

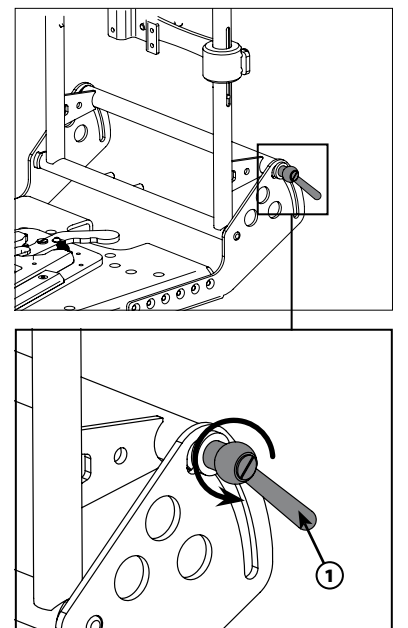
- ⚠ Due to increased risk of tipping when adjusting the back angle, use anti-tip device. Apply brakes before adjusting seat position.
- ⚠ When driving independently on slopes/gradients, adjustment >90° is not permitted.
- ⚠ Beware of risk of pinching and crushing!

Manual adjustment

The manual backrest adjustment can be adjusted continuously.

Loosen the clamping lever ① counterclockwise.
Adjust the backrest to the desired position.
Tighten the clamping lever ① again by turning it clockwise.

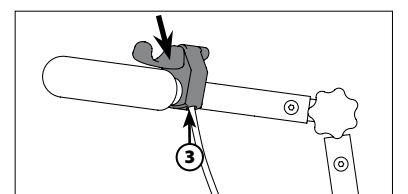
- ⚠ Check that the back is securely fastened!
- ⚠ The clamping lever must be tightened firmly – otherwise there is a risk of injury!



Gas spring adjustment (optional)

The gas spring backrest adjustment can be adjusted continuously.

Press and hold the release lever ③. Use both hands on the push bar to adjust the angle of the backrest. Release the release lever ③.



5. Setting up the device

5.12 FOLDABLE BACKREST

For easy transport of the device, the backrest can be folded down to the seat plate.

- ⚠ The seat shell must be removed before the backrest can be folded down. There is no lock when the backrest is folded down.
- ⚠ Be aware of the risk of pinching and crushing!

Fold manually

Move the backrest to the frontmost position (see section „5.11 Backrest angle adjustment“). Press the pins ① together with one hand and fold the back forward with the other hand. Move the push bar forward and down (see section „5.15 Push bar“).

To open Press the pins ① together with one hand and open the back until the locking bolts are against the guide ②. Release the pins ① and allow the locking bolts to engage. Adjust the sliding bar.

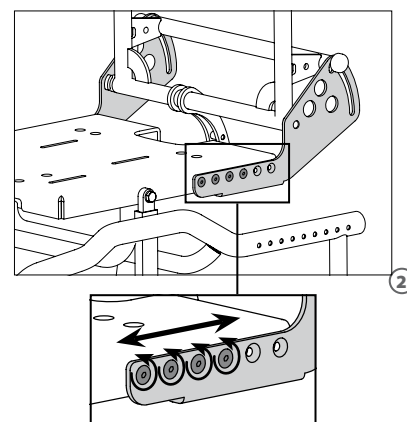
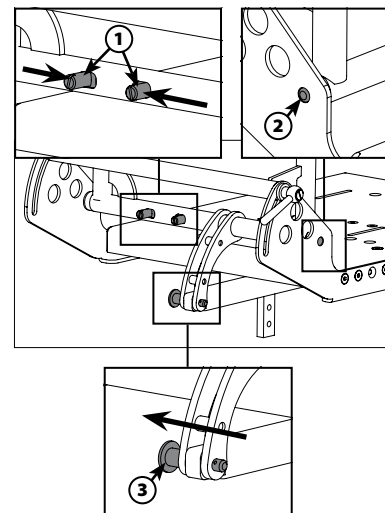
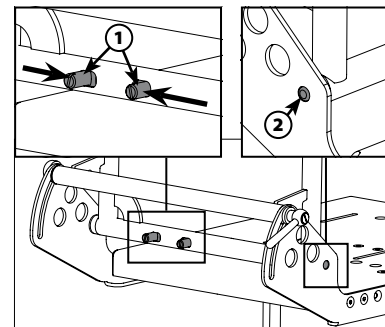
- ⚠ Check that everything is securely fastened by pulling on the back.!

Gas spring adjustment

Move the backrest to the frontmost position (see section „5.11 Backrest angle adjustment“). With one hand, insert the quick pin ③ Press and pull out, and with the other hand, push the gas spring down. With one hand Pins ① Press them together and fold the back forward with your other hand. Place the push bar forward and down (see section „5.15 Push bar“).

To open Press the pins ① together with one hand and open the back until the locking bolts are against the guide ②. Release the pins ① and allow the locking bolts to engage. Hold the gas spring against the guide with one hand and, with the other hand, press the quick pin ③ and push it through until it engages automatically. Adjust the sliding bracket.

- ⚠ Check that everything is securely fastened by pulling on the back.!



5.13 SEAT DEPTH ADJUSTMENT

- ⚠ These adjustments may only be carried out by Rehatec® GmbH and authorised specialist dealers, and only when the vehicle is unoccupied.
- ⚠ Adjust the wheelbase if necessary due to changes in the centre of gravity. Adjustments may only be carried out when the vehicle is unoccupied.

Loosen the screws ① counterclockwise on both sides.
Move the backrest to the desired depth.
Tighten the screws ① clockwise again.

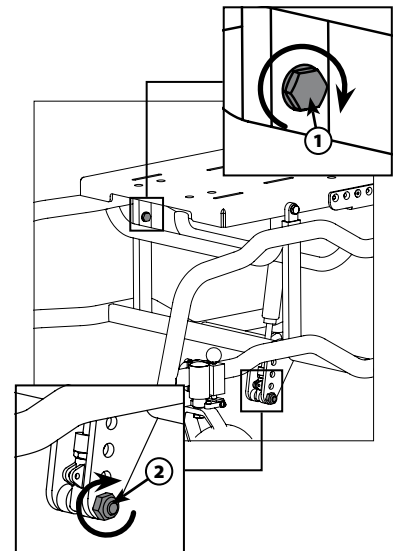
- ⚠ Use at least four screws! Tighten the screws alternately until all screws are securely fastened!

5.14 SEAT HEIGHT ADJUSTMENT

- ⚠ These adjustments may only be carried out by Rehatec® GmbH and authorised specialist dealers.
- ⚠ The seat must be in its basic horizontal position, i.e. parallel to the floor. It should not be tilted forward.
- ⚠ Adjustments may only be made when the user is not seated in the chair.

Loosen the screws ① on both sides by turning them anticlockwise. Loosen the screw ② by holding the nut in place and turning it anticlockwise. Adjust the height of the seat. Move the gas spring by the same number of holes as the seat plate. Tighten the screws ① and ② again by turning them clockwise.

- ⚠ Tighten the screws alternately until all screws are securely fastened!
- ⚠ Check that everything is securely fastened by pulling on the seat!

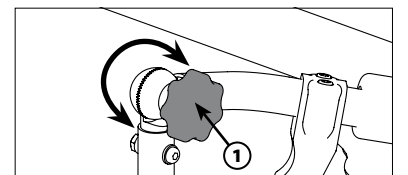


5.15 PUSH HANDLES/BARS

- ⚠ Do not hang any objects on the push bar – there is a risk of tipping. The push bar is not suitable for lifting, carrying or tilting the device.
- ⚠ Do not remove or bypass the locking mechanism. Back tubes must be secured against accidental removal.
- ⚠ Only use the locking mechanism to remove the back tubes.
- ⚠ Be aware of the risk of pinching and crushing!

Angle adjustment of sliding arch

Loosen both star handles ① anticlockwise until all tooth segments can move freely. Adjust the slide angle. Tighten the star handles ① clockwise again so that all tooth segments mesh with each other.



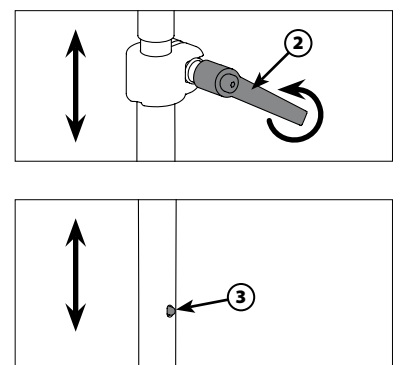
Height adjustment back

- ⚠ Maximum extension is reached when the safety spring releases. When fully extended, the safety spring must be activated to lower the height.

Loosen both clamping levers ② anticlockwise. Adjust the height of the sliding arch. Tighten the clamping levers ② again by turning them clockwise.

Removal of the back tubes

Loosen both clamping levers ② counterclockwise. Pull the sliding bracket upwards. Press and hold the retaining spring ③ with one hand. Pull out the sliding bracket with the other hand.



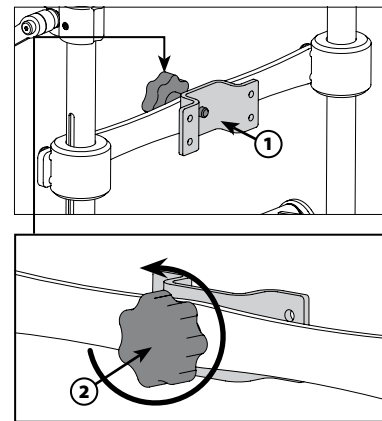
5. Setting up the device

5.16 BACK ATTACHMENT FOR SEAT SHELL (OPTIONAL)

- ⚠ Be aware of the risk of pinching and crushing!
- ⚠ Tighten the screws alternately until all screws are securely fastened!
- ℹ When adjusting the backrest, the seat shell mount is automatically moved along with it.

The seat shell/unit can be easily attached to the angle adapter ① using four screws.

For quick and easy assembly or disassembly of the adapted seat shell/unit on the back of the seat shell chassis, turn the star knob ② counterclockwise to tighten or unscrew.

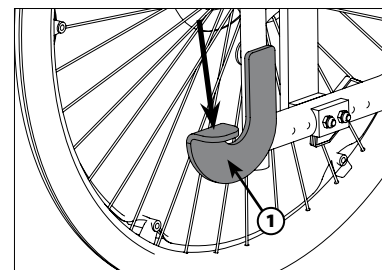


5.17 TILTING BRACKET (OPTIONAL)

The tilt bar makes it easier for accompanying persons to overcome differences in height.

- ⚠ Risk of tipping if excessive pressure is applied and extreme tilt angles are used. Anti-tip device, if fitted, must be in passive position.

Press the tilting bar ① down with your foot and simultaneously press down on the push bar with both hands.



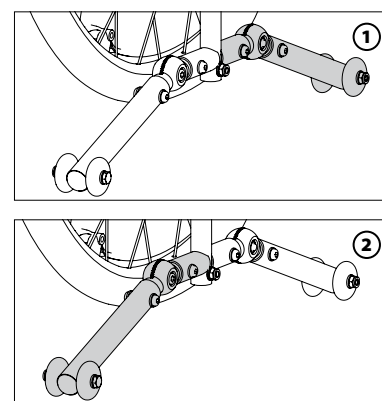
5.18 ANTI-TIP DEVICE (OPTIONAL)

The anti-tip device prevents accidental tipping backwards with a short wheelbase or extreme seat tilt..

- ℹ For improved stability, we recommend installing anti-tip devices on both sides.
- ⚠ Anti-tip wheels are not suitable as drive wheels!
- ⚠ To overcome obstacles, the anti-tip device must be in the passive position.
- ⚠ Do not use the anti-tip device on soft ground or uneven terrain..

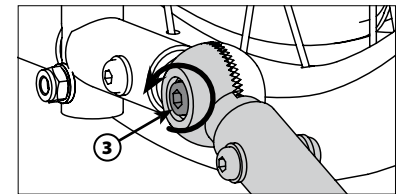
- ① **passive voice:** The anti-tip device points towards the steering wheels. It is inactive.
- ② **operating position:** The anti-tip device points away from the steering wheels. It will now activate if the machine tips over. Press down on the anti-tip device and hold it in place. Swivel towards the centre of the appliance until the anti-tip device locks into place automatically.

- ⚠ The anti-tip device must be fully engaged – otherwise there is a risk of tipping!



Height adjustment

Loosen the screw ③ anticlockwise until all tooth segments can move freely. Set the anti-tip device with a floor clearance of 30 mm. Tighten the screw ③ clockwise again so that all tooth segments interlock.



5.19 FOOTREST (OPTIONAL)

- ⚠ Feet must not slip off the footrests while driving. Do not stand on the footrest when sitting down or standing up – risk of tipping.
- ⚠ The maximum adjustment is reached when the ends of the adjustment tubes are flush with the guides/holders.
- ⚠ Changing the height of the footrest changes the ground clearance. Take this into account when negotiating obstacles.
- ⚠ The footrest must not collide with the steering wheels. Correct if necessary by tilting the seat.

Height adjustment, footrest

Loosen the Mini-wings ① anticlockwise. Adjust the height of the footrest. Tighten the Mini-wings ① clockwise again.

Depth adjustment, footrest bracket

Loosen the mini wing ② nut counterclockwise. Adjust the depth of the footrest. Tighten the screws ② clockwise again..

Angle adjustment, knee angle

Loosen both clamping levers ③ counterclockwise until all tooth segments can move freely. Adjust the footrest to the desired angle. Tighten both clamping levers ③ clockwise again so that all tooth segments interlock.

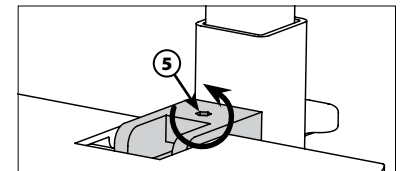
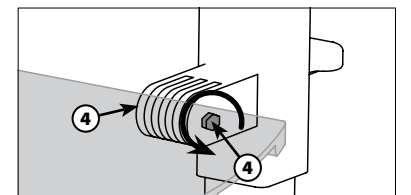
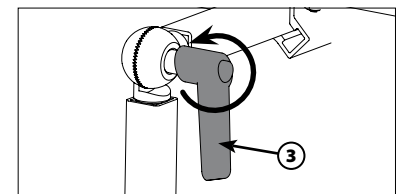
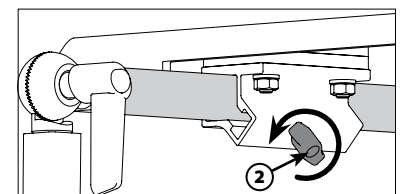
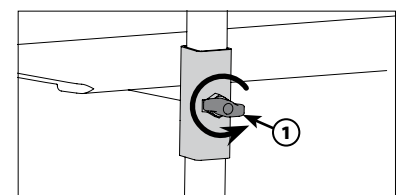
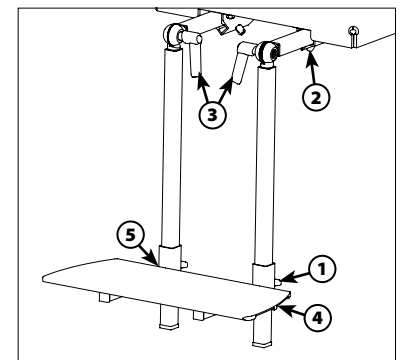
Foot angle, adjustable

Loosen both screws ④ anticlockwise. Adjust the footrest to the desired angle. Tighten both screws ④ clockwise again.

lift-up mechanism



- ⚠ Tighten the screws alternately until all screws are securely fastened!

Limit/extend the angle radius by turning the screw ⑤.



5. Setting up the device

5.20 SWIVEL FOOTREST (ONLY FOR SUNNY SWING, OPTIONAL)

-  Feet must not slip off the footrests while riding. Do not stand on the footrest when sitting down or standing up – risk of tipping over.
-  The footrest must not collide with the steering wheels. If necessary, correct this by tilting the seat.


Swivel

The footrest of the Sunny Swing can be swung outwards for easy entry and exit.

Pull the pin ① away from the device and hold it. At the same time, swing the folding unit outwards. If necessary, swing the folding unit back until it clicks into place.

Folding

Fold the footplate upwards. Fold it down again if necessary.

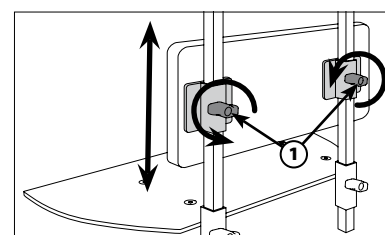
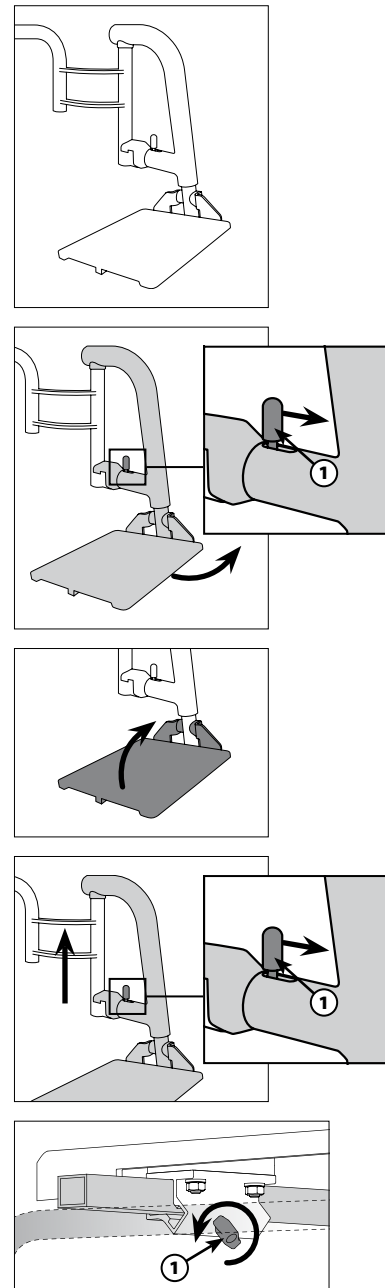
-  Ensure that the footrest does not collide with the patient's feet!

Removal

Pull the pin ① away from the device with one hand and hold it. With the other hand, pull the folding unit upwards. If necessary, guide the folding unit into the holder, press the pin ① and hold it. Lower the folding unit until it stops. Release the pin ①.

Depth adjustment

Loosen the mini-wings ② counterclockwise.
Adjust the depth of the footrest.
Tighten the mini-wings ② clockwise again..







5.21 CALF PADS (OPTIONAL)


Height adjustment

Loosen the mini-wings ① on both sides by turning them anticlockwise.
Adjust the height of the calf pads.
Tighten the mini-wings ① again by turning them clockwise.

5.22 TRAPEZOIDAL ADAPTER (OPTIONAL)

-  The trapeze adapter is used for the secure mounting/fastening of a seating system..
-  The seat system must always be securely locked to the adapter. Check that the trapezoidal adapter is locked by pulling on the seat shell to test it. The lock must not open without the lever being operated.
-  The trapezoidal adapter must be installed so that the seat system is facing in the direction of travel.
-  Installation and adjustments must only be carried out without occupants in the vehicle..


Assembly

-  These settings may only be adjusted by Rehatec® GmbH and authorised specialist dealers, and only when the vehicle is unoccupied.

Screw the lower part of the trapezoidal adapter to the device ①.

Observe the direction of movement.

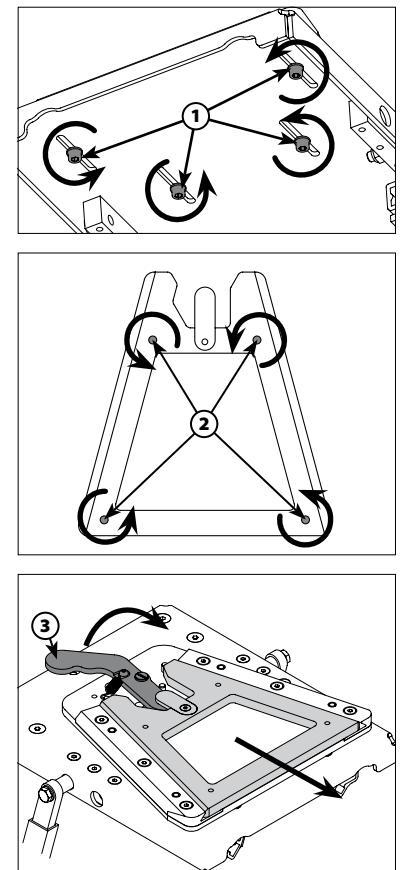
Screw the upper part of the trapezoidal adapter to the seat system. ②.

-  The position of the trapezoidal adapter on the seat plate must be selected so that the lock engages completely when the seat shell is mounted..



Attaching / Removing

Push the seat system all the way into the trapezoidal adapter holder. It will lock into place automatically. Check that it is securely locked by pulling on the seat shell to test it.

Unlock the lever ③ by pressing it and pull out the seat system.




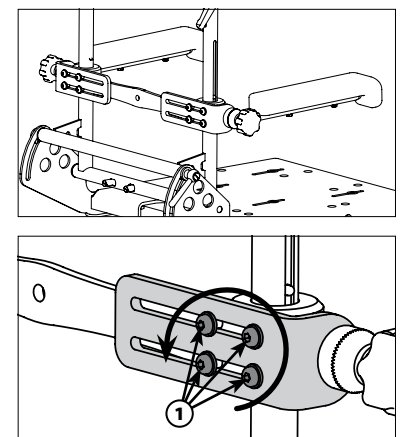
5.23 ARMRESTS (ON THE BACK, OPTIONAL)

-  The armrests are not suitable for lifting or carrying the device.
-  Do not hang any objects on the armrests – risk of tipping.

Width adjustment

Loosen all screws ① on both sides by turning them anticlockwise.
Adjust the armrests to the desired width.
Tighten all screws ① again by turning them clockwise.

-  Tighten the screws alternately until all screws are securely fastened!



5. Setting up the device

Angle adjustment


Loosen the star handle ② anticlockwise until all tooth segments can move freely. Turn the armrest to the desired angle.
Tighten the star handle ② clockwise again so that all tooth segments interlock.

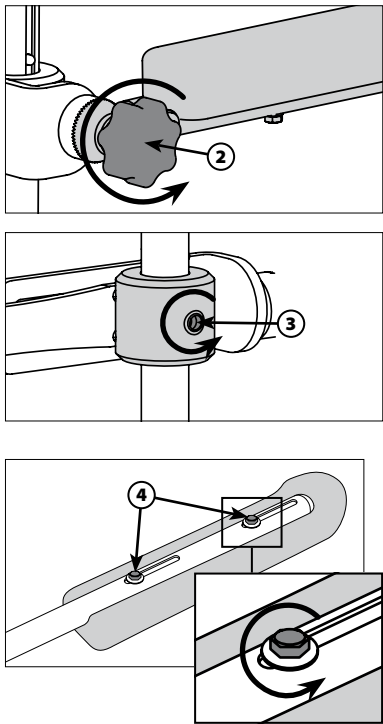
Height adjustment

Hold the armrest bracket firmly with one hand. With the other hand, loosen the grub screws ③ on both sides by turning them anticlockwise. Adjust the height of the armrest bracket. Tighten the grub screws ③ on both sides again by turning them clockwise.




Depth adjustment

Unscrew both screws ④ anticlockwise.
Move the arm pads.
Tighten both screws ④ clockwise again.

 Tighten the screws alternately until all screws are securely fastened!




5.24 ARMRESTS (ON THE SEAT, OPTIONAL)

-  The armrests are not suitable for lifting or carrying the device.
-  Do not hang any objects on the armrests – risk of tipping.
-  When retrofitting, spacers (10 mm thick) must be installed under the trapezoidal adapter!

Width adjustment

Loosen the screws ① anticlockwise. Adjust the armrest to the desired width. Tighten the screw ① clockwise again.


 Tighten the screws alternately until all screws are securely fastened!

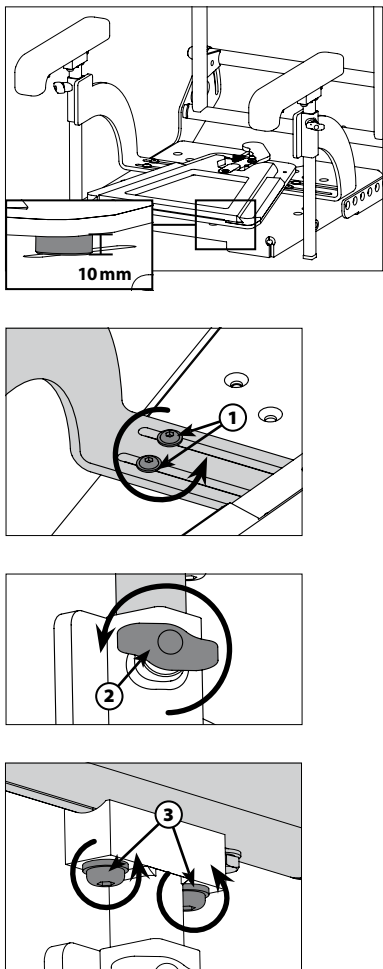
Height adjustment

Hold the armrest bracket firmly with one hand. Loosen the mini wing ② counterclockwise with the other hand. Adjust the height of the armrest bracket. Tighten the mini wing ② again clockwise.

Depth adjustment

Loosen both screws ③ anticlockwise. Adjust the depth of the arm pads. Tighten both screws ③ clockwise again.

 Tighten the screws alternately until all screws are securely fastened.!



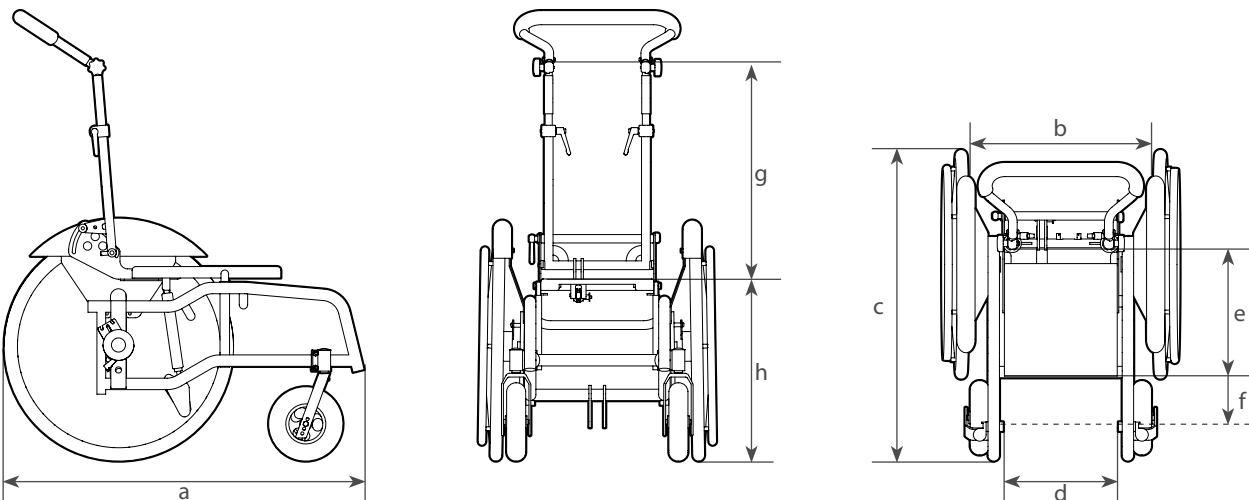
6. Technical specifications

Dimensional tolerances: +3 %

For type plate, see section „7.1 Type plate“

- Model: Sunny / Sunny Swing
- Aid number:
26.99.01.3017 (with push rim drive)
26.99.01.1025 (with 12" drive wheels)

- Pitch angle: 30°
- Rear angle: 50°



		Sunny		Sunny Swing	
Model dimensions		Size 2	Size 3	Size 2	Size 3
a	Overall length (1) without footrest	84,5 – 96 cm	84,5 – 96 cm	69 – 80 cm	69 – 80 cm
b	Width between drive wheels without wheel guards (2)	53 cm	56 cm	53 cm	56 cm
c	Frame length without footrest	70 cm	70 cm	57 cm	57 cm
d	Inner frame width				
	straight frame	38 cm	41 cm	38 cm	41 cm
	abducted frame	46 cm	49 cm	46 cm	49 cm
seat plate width		35,5 cm	38,5 cm	35,5 cm	38,5 cm
seat depth	Standard	39 cm	39 cm	39 cm	39 cm
	Extended	44 cm	44 cm	44 cm	44 cm
e	Usable seat depth				
	Standard	40 – 45 cm	40 – 45 cm	40 – 45 cm	40 – 45 cm
	Extended	45 – 50 cm	45 – 50 cm	45 – 50 cm	45 – 50 cm
f	Knee angle depth adjustment	20 cm	20 cm	14,5 cm	14,5 cm
g	Back height from seat plate	55 – 65 cm	55 – 65 cm	55 – 65 cm	55 – 65 cm
h	Minimum seat height (3)	43 cm	43 cm	43 cm	43 cm
Payload incl. seat shell (max) (4)		90 kg	90 kg	90 kg	90 kg

(1) Minimum overall length = overall length with 20" drive wheels and minimum wheelbase.
Maximum overall length = overall length with 24" drive wheels and maximum wheelbase.
(2) Width between drive wheels with wheel guards = dimension „b“ -3 cm.
(3) Seat height with 20" drive wheels.
Minimum seat height with 22" = measurement „h“ +2 cm.
Minimum seat height with 24" = measurement „h“ +4 cm.
Seat height adjustment +2 cm/+4 cm.
CAUTION! Take care with a very high centre of gravity! This adjustment may only be carried out by Rehatec® GmbH and authorised specialist dealers, and only when the wheelchair is unoccupied!
(4) 120 kg with double gas spring.

Material

The base system is made of aluminium, steel and plastic. Parts subject to higher stress, such as back components, are made of steel. All parts are anodised or powder-coated. Steel components are chrome-plated or powder-coated..

7. Product identifier

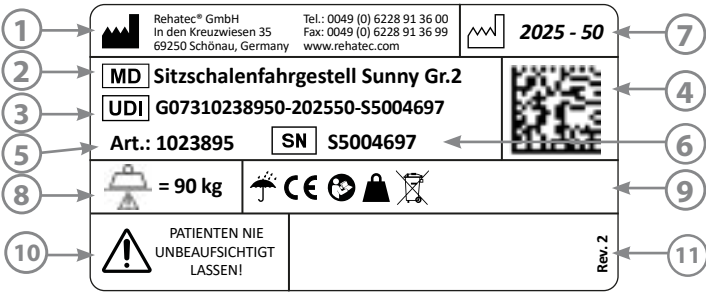
.1 SYMBOLS AND SIGNS ON THE PRODUCT

1		Follow the instructions for use!
2		Only suitable for indoor use.
3		Manufacturer
4		Date of manufacture (week/year)
5		CE mark
6		Maximum permissible patient weight
7		Maximum permissible nominal load
8		Battery/device disposal
9		Serial number
10		Medical device
11		Unique identifier of a medical device
12		Protect the product from moisture.
13		Warnings. Caution!
14		Caution! The device weighs more than 10 kg! At least 2 people are required to carry the device.
15		Warnings. Risk of crushing hands/fingers!
16		Instructions for use

7.2 TYPE PLATE ON THE DEVICE

For clear identification and information, the following labels are attached to the base frame (see chapter „Product and delivery overview“):

- 1 Manufacturer address
- 2 Device type/name/size (MD = Medical Device)
- 3 UDI number (readable form)
- 4 UDI number (machine-readable code)
- 5 Model number
- 6 Manufacturer serial number
- 7 Date of manufacture (week/year)
- 8 Maximum permissible patient weight/
Maximum permissible rated load
- 9 Symbols
- 10 Safety notice
- 11 Power supply/Power/Duty cycle



The illustration shows an example type plate. The serial number shown does not correspond to that of your device..

7.2 SAFETY INSTRUCTIONS

This label warns against releasing the clamping lever on the backrest before adjusting the backrest angle using a gas spring.

**Before adjusting the backrest
using the gas spring, loosen the
clamping lever!**



Warranty card

You have purchased a high-quality product from **Rehatec® GmbH**.

The Rehatec® product described below is of impeccable quality and functional design.
Rehatec® GmbH undertakes to repair any damage resulting from material defects free of charge within the three-year warranty period from the date of purchase.

The only items excluded from the warranty are electrical components, upholstery, wooden parts, fabrics, castors, gas springs, Bowden cables, raster and tooth segments..

Sunny & Sunny Swing Mobility Bases / Sunny Swing
model designation

serial number

purchase date

DEALER'S STAMP AND SIGNATURE

REHATEC®



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