



Breezy Unix2 Wheelchair Instruction Manual

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Breezy Unix2 Wheelchair



Foreword

Dear Customer,

We are very happy that you have decided in favour of a high-quality SUNRISE MEDICAL product. This user's manual will provide numerous tips and ideas so that your new wheelchair can become a trustworthy and reliable partner in your life. We want you to be satisfied with our products and service. Sunrise Medical has been consistently working at continuously developing its products, for this reason, changes can occur in our palette of products with regard to form, technology and equipment. Consequently, no claims can be construed from the data or pictures contained in this user's manual.

NOTE:

General user advice. Not following these instructions may result in physical injury, damage to the product or damage to the environment! Notice to the user and/or patient: Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

B4Me special adaptations

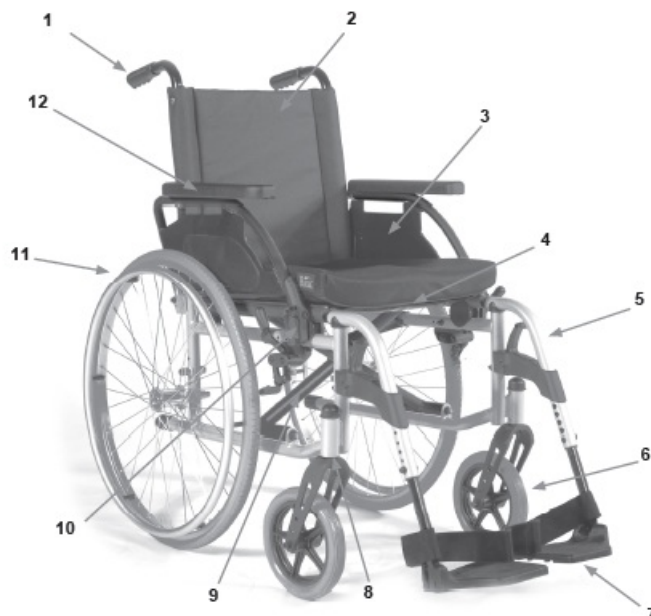
Sunrise Medical strongly recommends that in order to ensure that your B4Me product operates, and performs as intended by the manufacturer; all the user information supplied with your B4Me product is read and understood, before the product is first used. Sunrise Medical also recommends that the user information is not discarded after reading it, but it is kept safely stored for future reference.

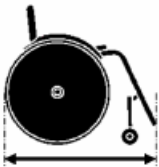

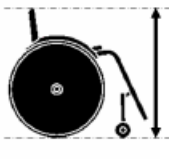
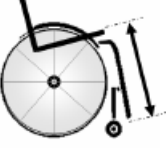


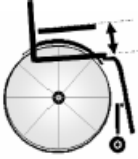





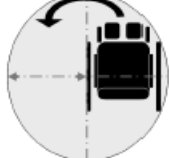





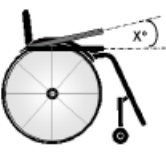

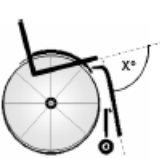

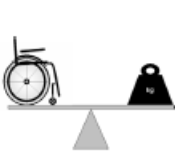

Medical Device Combinations

It may be possible to combine this Medical device with one or more other Medical Device or other product. Information on which combinations are possible can be found at www.Sunrisemedical.co.uk. All combinations listed have been validated to meet the General Safety and Performance Requirements, Annex I N^o 14.1 of the Medical Device Regulation 2017/745. Guidance on the combination, such as mounting, can be found at www.SunriseMedical.co.uk

Use

Steel wheelchairs are exclusively for a user who is unable to walk, has limited limited mobility, for their own personal use in- and outdoor on dry, firm and level surface terrains (self propelling or attendant push). The maximum weight limit (includes both the user and any weight of accessories fitted to the wheelchair) is marked on the serial number label, which is affixed to the crossbar or stabiliser bar below the seat. Warranty can only be taken on if the product is used under the specified conditions and for the intended purposes. The intended lifetime of the wheelchair is 5 years. DO NOT use or fit any 3rd party components to the wheelchair unless they are officially approved by Sunrise Medical.



	1090 ↕ 975		700 ↕ 580		970 ↕ 920		520 ↕ 360
	520 ↕ 470		420 ↕ 420		220 ↕ 220		535 ↕ 530
	425 ↕ 410		500 ↕ 380		1090 ↕ 975		310 ↕ 300
	850 ↕ 810		313 ↕ 183		+20 ↕ 0		MAX mm ↕ MIN mm
	10° ↕ 10°		10° ↕ 10°		10° ↕ 10°		MAX ↕ MIN
	3° ↕ 3°		80° ↕ 79°		115° ↕ 115°		MAX ↕ MIN
	13.4 ↕ 12.2		19.4 ↕ 18.0		125 ↕ ---		MAX kg ↕ MIN kg

Area of application

Indications

The varieties of fitting variants, as well as the modular design, mean that it can be used by those who cannot walk or have limited mobility because of:

- Paralysis
- Loss of extremity (leg amputation)
- Extremity defect deformity
- Joint contractures/joint injuries
- Illnesses such as heart and circulation deficiencies, disturbance of equilibrium or cachexia, Neurological disease patterns, Muscle dystrophy, Hemiplegia as well as for elderly people who still have strength in the upper body.

Contraindications

The wheelchair shall not be used without attendant in case of:

- Perception disorder
- Imbalance
- Loss of both arms, if not supported by a caregiver
- Joint contracture or joint damage on both arms
- Seating disability

When considering provision, please also note the body size, weight, physical and psychological constitution, the age of the person, living conditions and environment.

NOTE: Please note that driving a wheelchair requires sufficient cognitive, physical and visual skills. The user must be able to assess the effects of actions during the operation of the wheelchair and, if necessary, to correct them. These capabilities and the safe use of the additionally attached components cannot be assessed by Sunrise Medical as a manufacturer. We cannot accept any liability for any damage resulting from this.

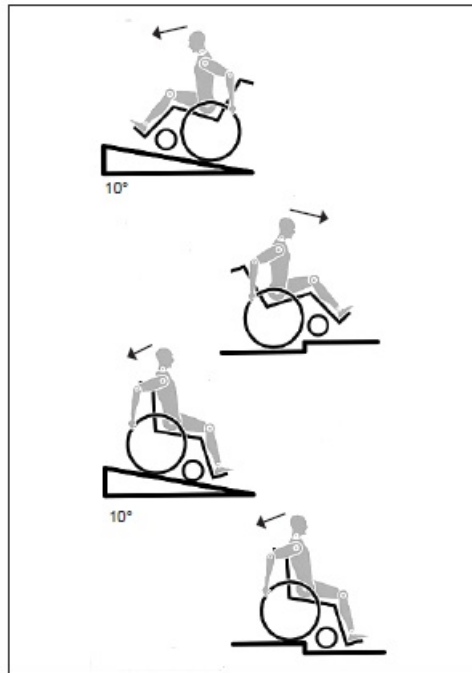
Please refer to the operating instructions of the wheelchair and the additionally mounted components. Instruct the user in the safe use of the wheelchair and the additionally mounted components. Inform users of specific warnings that need to be read, understood, and respected.

General safety notes and driving restrictions

The engineering and construction of this wheelchair has been designed to provide maximum safety. International safety standards currently in force have either been fulfilled or exceeded in parts. Nevertheless, users may put themselves at risk by improperly using their wheelchairs. For your own safety, the following rules must be strictly observed. Unprofessional or erroneous changes or adjustments increase the risk of accident. As a wheelchair user, you are also part of the daily traffic on streets and pavements, just like anyone else. We would like to remind you that you are therefore also subject to any and all traffic laws. Be careful during your first ride in this wheelchair. Get to know your wheelchair.

Before each use, the following should be checked:

- Fixed axles or Quick-release axles on the rear wheels.
- Velcro on seats and backrests
- Tyres, tyre pressure and wheel locks. Before changing any of the adjustments of this wheelchair, it is important to read the corresponding section of the user's manual. It is possible that potholes or uneven ground could cause this wheelchair to tip over, especially when riding uphill or downhill. When riding forwards over a step or up an incline, the body should be leaning forward.
- **DANGER!**
- NEVER exceed the maximum load of 125 kg for user plus any items carried on the wheelchair. If you exceed the maximum load, this can lead to damage to the chair, or you may fall or tip over, lose control and may lead to serious injury of the user and other people.
- When it is dark, please wear light clothing or clothing with reflectors, so that you can be seen more easily. Make sure that the reflectors on the side and back of the wheelchair are clearly visible.
- We would also recommend that you fit an active light



DANGER!

- To avoid falls and dangerous situations, you should first practice using your new wheelchair on level ground with good visibility.
- When getting on or off the wheelchair, do not use the footboards.
- These should be flipped up beforehand and swung to the outside as far as possible. Always position yourself as close as possible to the place where you wish to transfer to.
- Only use your wheelchair with care. For example, avoid travelling against an obstacle without braking (step, kerb edge) or dropping down gaps.
- The wheel locks are not intended to stop your wheelchair in motion. They are only there to ensure that your wheelchair does not begin rolling unintentionally. When you stop on uneven ground, you should always use the wheel locks to prevent unintended movement. Always apply both wheel locks; otherwise, your wheelchair could tip over.
- Explore the effects of changing the centre of gravity on the behaviour of the wheelchair in use, for example on inclines, slopes, all gradients or when overcoming obstacles. Do this with the secure aid of a helper.
- With extreme settings (e.g. rear wheels in the most forward position) and less than perfect posture, the wheelchair may tip over even on a level surface.
- Lean your upper body further forward when going up slopes and steps.
- Lean your upper body further back when going down slopes and steps. Never try to climb and descend a slope diagonally.
- Avoid using an escalator which may lead to serious injury in the event of a fall.
- Do not use the wheelchair on slopes more than 10°. The Dynamic safe slope is dependant on the chair configuration, the users abilities and the style of riding. As the users abilities and style of riding cannot be predetermined then the max safe slope cannot be determined. Therefore this must be determined by the user with the assistance of an attendant to prevent tipping. It is strongly recommended that inexperienced users have Anti-tips fitted.
- It is possible that potholes or uneven ground could cause this wheelchair to tip over, especially when riding uphill or downhill.

- Do not use your wheelchair on muddy or icy ground.
- Do not use your wheelchair where pedestrians are not allowed.
- To avoid hand injuries do not grab in between the spokes or between the rear wheel and wheel lock when driving the wheelchair.
- In particular when using lightweight metal handrims, fingers will easily become hot when braking from a high speed or on long inclines.
- Only attempt stairs with the help of an attendant. There is equipment available to help you, e.g. climbing ramps or lifts, please use them. If there is no such equipment available, then the wheelchair must be tipped and pushed, never carried, over the steps (2 helpers). We recommend that users over 100 kg in weight are not transferred in this way. In general, any anti-tip tubes fitted must be set beforehand, so that they cannot touch the steps, as otherwise this could lead to a serious tumble. Afterwards the anti-tip tubes must be set back to their correct position.
- Make sure that the attendant only holds the wheelchair using securely mounted parts. Do not use removable parts (e.g. not on the footrests or the side guards).
- When using the lifting ramp make sure that the anti-tip tubes fitted are positioned outside the danger area.
- Secure your wheelchair on uneven ground or when transferring, e.g. into a car, by using the brakes.
- If and whenever possible, during a journey in a specially fitted vehicle for disabled people, vehicle occupants should use the seats in the vehicle and the appropriate restraint system. This is the only way to ensure that occupants will have the maximum protection if there is an accident.
- Depending on the diameter and setting of the castors, as well as the centre of gravity setting of the wheelchair, the castors may begin to wobble at high speeds. This can lead to castor seizure and the wheelchair may tip over. Therefore, please make sure that the castors are adjusted correctly (see the Chapter "Castors").
- In particular, do not travel on an incline without brakes, travel at a reduced speed. We recommend that novice users use anti-tip tubes.
- Anti-tip tubes should prevent the chair tipping over backwards unintentionally. Under no circumstances should they take the place of transit wheels, and be used to transport a person in a wheelchair with the rear wheels removed.
- When reaching for objects (which are in front of, to the side or behind the wheelchair) make sure that you do not lean too far out of the wheelchair, as if you change the centre of gravity there is a risk of tipping or rolling over. The hanging of additional load (back pack or similar items) onto your chair back posts can affect the rearward stability of your chair, especially when used in combination with recliner backrests. This can cause the chair to tip backwards causing injury.
- For thigh amputees you must use anti-tip tubes.
- Before setting off, check that your tyre pressure is correct. For rear wheels it should be at least 3.5 bar (350 kPa). The max. pressure is indicated on the tyre. The knee-lever brakes will only work if there is sufficient tyre pressure and if the correct setting has been made (see the Chapter on "Brakes").
- If the seat and back sling are damaged, you must replace them immediately.
- Be careful with fire, in particular with burning cigarettes. Seat and back slings can be set alight.
- If the wheelchair is subject to direct sunlight / cold temperature for a long period of time, then parts of the wheelchair (e.g. frame, legrests, brakes and side guard) may become hot (>41°C) / very cold (<0°).
- Always make sure that, if fitted, the quick-release axles on the rear wheels are set properly and lock in (locking ball bearings are showing completely through the axle sleeve). If the button on the quick-release axle is not pressed in, the rear wheel cannot be removed.

CAUTION !

- The effect of the knee-lever brake as well as the general driving characteristics are dependant on tyre pressure. The wheelchair is significantly lighter and easier to manoeuvre when the rear wheels are pumped up correctly and both wheels have the same pressure.
- Make sure that your tyres have sufficient tread!
- Please note that you are subject to any and all traffic laws when driving in public traffic.
- Always be careful when handling or adjusting the wheelchair!
- Adjustments which require tools should always be done by authorized dealers.
- Clean the wheelchair regularly to avoid rust and salt corrosion.
- Check the rivets, nuts and bolts to make sure they are tight and that no wheelchair parts will come loose.
- With all moving parts there is a natural risk of finger traps. Please handle with care.
- The products shown and described in this manual may not be exactly the same in every detail as your own model. However, all instructions are still entirely relevant, irrespective of detail differences.
- The manufacturer reserves the right to alter without notice any weights, measurements or other technical data shown in this manual. All figures, measurements and capacities shown in this manual are approximate and do not constitute specifications.

DANGER!

CHOKING HAZARD – This mobility aid uses small parts which under certain circumstances may present a choking hazard to young children.

LIFETIME

The expected lifetime of this product is 5 years provided that: it is used in strict accordance with the intended use all service and maintenance requirements are met.

Warranty

GUARANTEE THIS GUARANTEE DOES NOT AFFECT YOUR LEGAL RIGHTS IN ANY WAY.

Sunrise Medical* provides a guarantee, as set out in the warranty conditions, for wheelchairs to its customers covering the following

Warranty conditions

1. Should a part or parts of the wheelchair require repair or replacement as a result of a manufacturing and/or material fault within 24 months or for frame and crossbraces within 5 years after delivery to the customer, then the affected part or parts will be repaired or replaced free of charge. (Batteries are guaranteed for a period of 12 months subject to the correct battery care plan being followed)
2. To enforce the warranty, please contact Sunrise Medical Customer Service with the exact details of the nature of the difficulty. Should you be using the wheelchair outside the area covered by the Sunrise Medical customer service agent, repairs or replacement will be carried out by another agency as designated by the manufacturer. The wheelchair must be repaired by a Sunrise Medical designated Customer Service agent, (dealer).
3. For parts, which have been repaired or exchanged within the scope of this warranty, we provide a warranty in accordance with these warranty conditions for the remaining warranty period for the wheelchair in accordance with point 1).
4. For original spare parts which have been fitted at the customer's expense, these will have a 12 months

guarantee, (following the fitting), in accordance with these warranty conditions.

5. Consumable parts such as pads, tyres, inner tubes and similar parts are excluded from the warranty, except in the case that premature wear of the part is the direct result of a manufacturing fault.
6. Claims from this warranty shall not arise, if a repair or replacement of a wheelchair or a part is required for the following reasons:
 1. The product or part has not been maintained or serviced in accordance with the manufacturer's recommendations as shown in the User Instructions and/or the Service Instructions.
 2. Accessories have been used which are not specified as original accessories.
 3. The wheelchair or part having been damaged by neglect, accident or improper use
 4. Changes/modifications have been made to the wheelchair or parts, which deviate from the manufacturer's specifications.
 5. Repairs have been carried out, before our Customer Service has been informed of the circumstances.
7. This guarantee is subject to the law of the country in which the product was purchased from Sunrise Medical“
* Means the Sunrise Medical facility from which the product was purchased.

Transportability

DANGER!

There is a risk of serious injury or death if this if this advice is ignored!

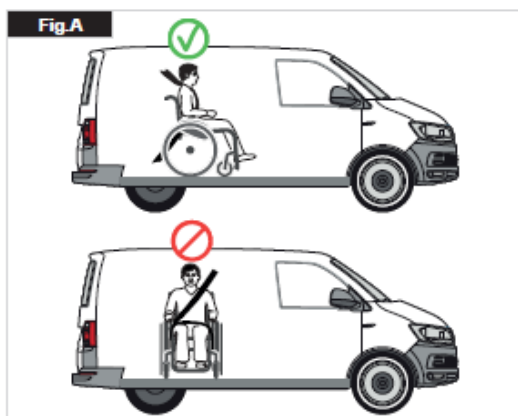
TRANSPORTATION OF YOUR WHEELCHAIR WITHIN A VEHICLE:

A wheelchair secured in a vehicle will not provide the equivalent level of safety and security as a vehicle seating system. It is always recommended that the user transfers to the vehicle seating. It is recognised that this is not always practical for the user to be transferred and in these circumstances, where the user must be transported whilst in the wheelchair, the following advice must be followed:

1. Confirm that the vehicle is suitably equipped to transport a passenger in a wheelchair, and ensure the method of access/ egress is suitable for your wheelchair type. The vehicle should have the floor strength to take the combined weight of the user, the wheel chair and accessories.
2. Sufficient space should be available around the wheelchair to enable clear access to attach, tighten and release the wheelchair and occupant tie down restraints and safety belts.
3. The occupied wheelchair must be located in a forward facing position and secured by the wheelchair tie down and occupant restraint straps (WTORS tie downs meeting the requirements of ISO 10542 or SAE J2249) in accordance with the WTORS manufacturer's instructions.
4. The wheelchair's use in other positions within a vehicle has not been tested e.g. transportation in a side facing position must not be carried out under any circumstances (Fig. A).
5. The wheelchair should be secured by a Tie Down Restraint system, conforming to ISO 10542 or SAE J2249 with nonadjustable front straps and adjustable rear straps, which typically use Karabiner clips/S hooks and tongue and buckle fittings. These restraints generally comprise of 4 individual straps that are attached to each corner of the wheelchair.
6. The tie-down restraints should be fitted to the main frame of the wheelchair as indicated in the diagram on the following page, and not to any attachments or accessories, e.g. not around the spokes of wheels, brakes or footrests.
7. The tie-down restraints should be attached as close as possible at an angle of 45 degrees and tightened

securely in accordance with the manufacturer's instructions.

8. Alterations or substitutions must not be made to the wheelchair securement points or to structural and frame or components without consulting the manufacturer. Failure to do so will invalidate the ability of a Sunrise Medical wheelchair to be transported within a vehicle.
9. Both pelvic and upper torso restraint belts must be used to restrain the occupant to reduce the possibility of head and chest impacts with the vehicle components and serious risk of injury to the user and other vehicle occupants. (Fig B) The upper torso restraint belt should be mounted to the vehicle "B" pillar – failure to do so will increase the risk of serious abdominal injuries to the user.
10. A head restraint suitable for transportation (see label on headrest) must be fitted and suitably positioned at all times during transportation.
11. Postural supports (lap straps, lap belts) should not be used or relied on for occupant restraint in a moving vehicle unless they are labelled as meeting the requirements specified in ISO 7176-19 or SAE J2249.
12. The safety of the user during transportation depends upon the diligence of the person securing the tie-down restraints and they should have received appropriate instructions and/or training in their use.
13. Wherever possible remove and stow safely away from the wheelchair all auxiliary equipment, for example: Crutches, Loose cushions and Tray Tables.
14. Articulating/elevating leg rest should not be used in the elevated position when the wheelchair and user are being transported and the wheelchair is restrained using Wheelchair Transport and Occupant Restraints.
15. Reclining backrests should be returned to an upright position.
16. The manual brakes must be firmly applied.
17. Restraints should be mounted to the vehicle "B" pillar and should not be held away from the body by wheelchair components such as armrest or wheels.



Transportability >>>

OCCUPANT RESTRAINTS INSTRUCTION:

1. The pelvic restraint belt must be worn low across the front of the pelvis so that the angle of the pelvic belt is within the preferred zone of 30 to 75 degrees to the horizontal. A steeper (greater) angle within the preferred zone is desirable i.e. closer to, but never exceeding 75degrees. (Fig C)
2. The upper torso restraint belt must fit over the shoulder and across the chest as illustrated Fig d and e
Restraint belts must be adjusted as tightly as possible consistent with user comfort. Restraint belt webbing must not be twisted when in use. The upper torso restraint belt must fit over the shoulder and across the shoulder as illustrated in Fig D and E.

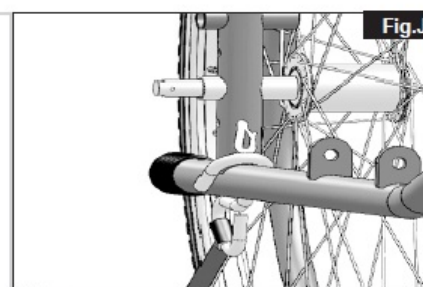
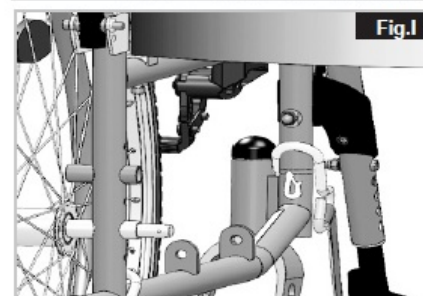
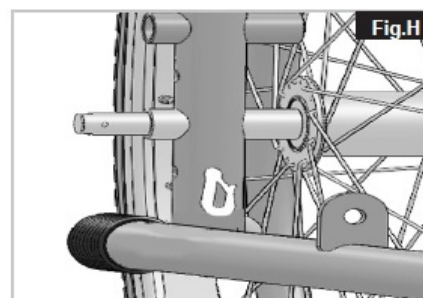
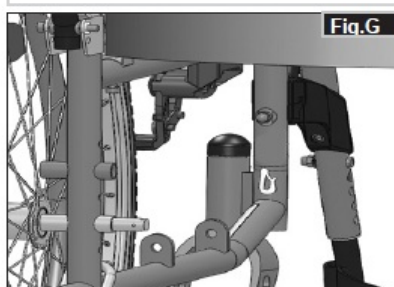
3. The attachment points to the chair are the inner front side frame just above the castor, and the rear side frame. The straps are fitted around the side frames at the intersection of the horizontal and vertical frame tubes. (See Figs G – K)
4. The tie down symbol (Fig F) on the wheelchair frame indicates the position of the wheelchair restraint straps. The straps are then tensioned after the front straps have been fitted to secure the wheelchair.

USER WEIGHT LESS THAN 22 kg

When the user being transported is a child, less than 22Kg mass and the vehicle involved has less than eight (8) seated passengers it is recommended that they be transferred to an UNCE Regulation 44 compliant child restraint system (CRS). This type of restraint system provides a more effective occupant restraint system than the conventional 3 point occupant restraint system and some CRS systems also include additional postural supports to assist in maintaining the position of the child when seated. Parents or care providers may consider the option, in some circumstances, for their child is to remain in their wheelchair whilst in transport due to the level of posture control and comfort provided by the set up in the wheelchair. We would recommend in such circumstances that a risk assessment be carried out by your healthcare professional and relevant competent persons.

Positioning of wheelchair tie down restraints on wheelchair:

1. Location of the front and rear tie down labels (Fig.G – H).
2. Position of the front, (Fig.I) and rear, (Fig.J), wheelchair tie down restraint and the tie down label.
3. Side view of tie down straps, (Fig.K).



Handling

FOLDING UP

First remove the seat cushion from the wheelchair and flip up the (platform) footplate or the individual footrests. Take hold of the sling or the seat tubes in the middle, from the back and pull upwards. The wheelchair will then fold up. To fold your wheelchair so that it is as small as possible, e.g., to put into a car, you can remove the footrests (depending on the model). For this purpose, open the latch from the outside and swing the footrest to the side. Then the footrest only has to be drawn out of the receiver tube (Fig. 1).

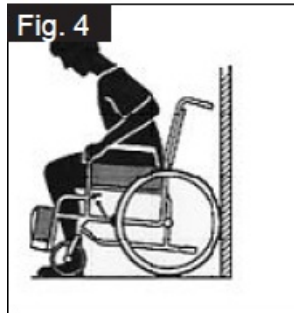


UNFOLDING

Press down on the seat tube (see figure). Your wheelchair is then unfolded. Now snap the seat tubing into position in the seat saddle. This can be facilitated by slightly tipping your wheelchair, as this means that the weight is taken off one of the rear wheels. Be careful not to get your fingers caught in the cross-tube assembly. Refit the seat cushion! (Fig. 2).

GETTING INTO YOUR WHEELCHAIR INDEPENDENTLY (FIG. 3)

- The wheelchair should be pushed up against a wall or solid piece of furniture;
- The brakes should be on;
- The footplates should be hinged up;
- The user can then lower himself into the chair;
- The footplates should then be pushed down and the feet rested on them in front of the heel loops.



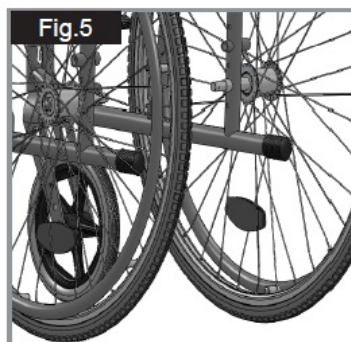
GETTING OUT OF YOUR WHEELCHAIR INDEPENDENTLY (FIG. 4)

- The brakes should be on;
- The hinged footplates should be hinged up;
- With one hand on each armrest, the person should bend slightly forward to bring the body weight to the front of the seat, and with both feet firmly on the ground, one foot well back, push up into the upright position.

WARNING!

When standing, do not stand on the footplates or the wheelchair will tip up. It is easier and safer to get into your wheel chair if you turn the footplates up and out of the way or take them off the wheelchair.

Options – Step Tubes STEP TUBES (FIG.5)



Step tubes are used by attendants to tip a wheelchair over an obstacle. Simply step on the tube to push a wheelchair, for example, over a kerb or step.

NOTE: Sunrise Medical strongly recommends the use of a step tube on any model where attendant use is the predominant intended use. Damage to the backposts may occur if you constantly use the backpost without a step tube, as a lever to pull back on to tip the wheelchair, in order to overcome obstacles.

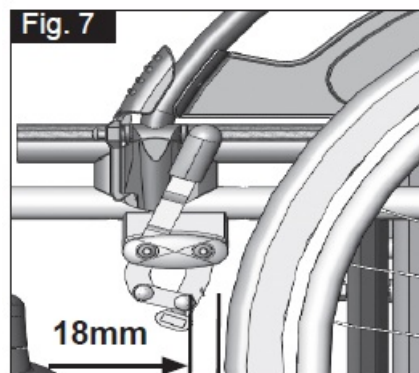
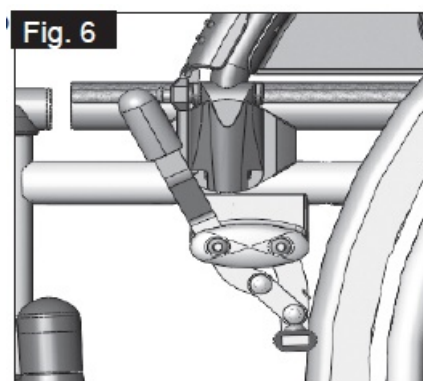
Options – Brakes

WHEEL LOCKS

Your wheelchair is equipped with two wheel locks. They are applied directly against the tyres. To engage, press both brake levers forward against the stops. To release the locks, pull the levers back to their original positions.

Braking power will decrease with:

- Worn tyre tread
- Tyre pressure that is too low
- Wet tyres
- Improperly adjusted wheel locks The wheel locks have not been designed to be used as brakes for a moving wheelchair. The wheel locks should therefore never be used to brake a moving wheelchair. Always use the hand-rims for braking. Make sure that the gap between the tyres and wheel locks complies with given specifications. To readjust, loosen the screw and set the appropriate gap. Then re-tighten the screw (Fig. 6 + 7).



- **CAUTION!** After each adjustment of the rear wheels, check the wheel lock gap and re-adjust if necessary.
- **CAUTION!** Mounting the wheel lock too close towards the wheel will result in a higher effort to operate. This might cause the brake lever to break!
- **CAUTION!** Leaning onto the brake lever while transferring will cause the lever to break! Splashing water from tyres might cause the wheel lock to malfunction..

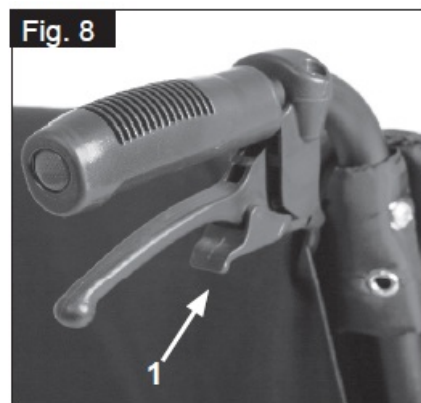
DRUM BRAKES

Drum brakes permit safe and convenient braking for an attendant. They can also be set with the aid of a locking lever (1) to prevent rolling. The lever must snap audibly into place. Drum brakes are not influenced by air pressure inside the tyres, (Fig.8.0).

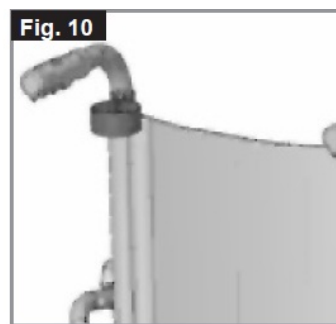
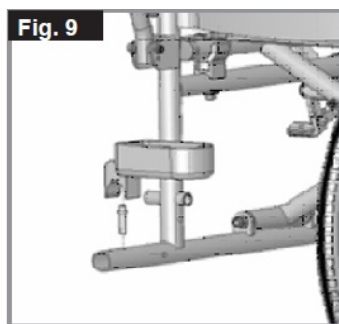
WARNING!

- Drum brakes must only be adjusted by authorised dealers.

- Always operate the two brakes simultaneously to guarantee the control of the driving direction!
- Drum brakes can only be used as a dynamic brake to stop the wheelchair while driving.
- Always engage the wheel locks to secure the wheelchair during a short or long stop, or for transfer.



Options – Crutch Holder



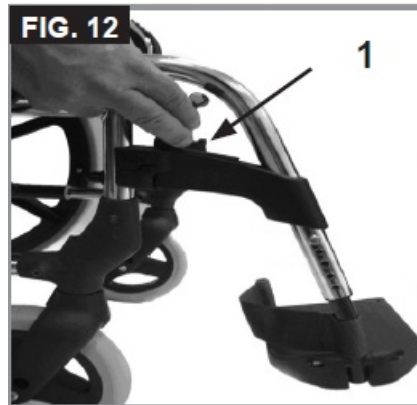
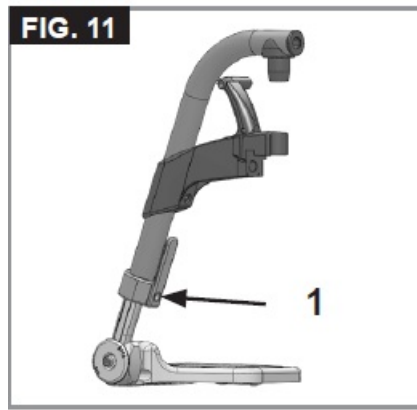
Options – Footplates

FOOTPLATES:

The footplates can be flipped up to make it easier to transfer to/from the chair. Each assembly weighs 1.0kg

LOWER LEG LENGTH:

For users with longer legs, the leg support can be lowered to the appropriate level by using the screws (1). Loosen the screws, push the tubes to the desired position and then re-tighten the screws (see section on torque). There must always be a minimum gap of 2.5 cm between the footplates and the ground, (Fig.11)



FOOTRESTS AND LATCH

The legrests can be swung inwards under the seat sling or outwards. When fitting the legrests, the footrests must be pointing inwards or outwards. Then rotate the legrest inwards, until it locks into place. To remove, pull the lever (1), swing the footplate inwards or outwards and then lift the legrest out. Make sure that the legrest is locked into place correctly, (Fig.12).

CAUTION!

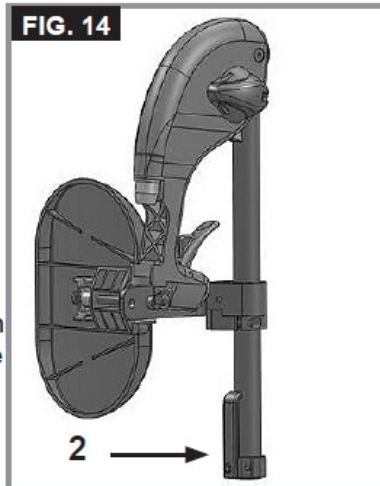
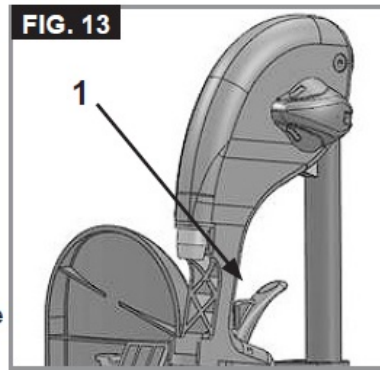
- The legrests must not be used to lift or to carry the wheelchair.
- When getting on or off the wheelchair, do not use the footboards. These should be flipped up beforehand or the footrest should be swung to the outside as far as possible.

OPTION ELEVATING LEGREST (Fig 13-15)

To remove, pull the lever (1), swing the footplate outwards and then lift the legrest out.

HEIGHT ADJUSTMENT:

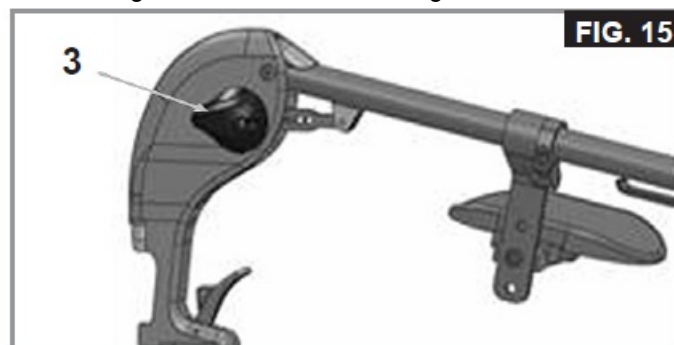
The lower leg length can be adjusted infinitely by releasing the screw (2). Adjust the suitable height and tighten the screw again.



CAUTION! The distance between the footplate and the ground must be at least 40 mm.

ANGLE ADJUSTMENT:

Press the lever (3) downward with one hand while supporting the legrest with the other hand to take the load off. When a suitable angle is achieved, let go of the lever and the legrest will lock into one of the preset positions.



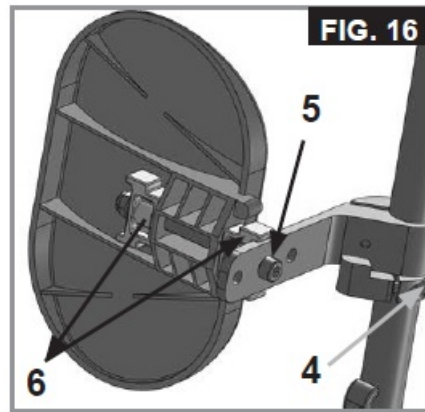
ADJUSTING THE CALF PAD (Fig 16).

The calf pad can be adjusted as follows:

Height: Open bolt (4) and move the clamping piece to the desired position. By rotating the clamping piece also the angle can be adjusted.

Depth: Open bolt (5) and move the calf pad into the desired position.

Width: Open bolt (5) and position the spacers (6) behind the pad, to get the desired position.

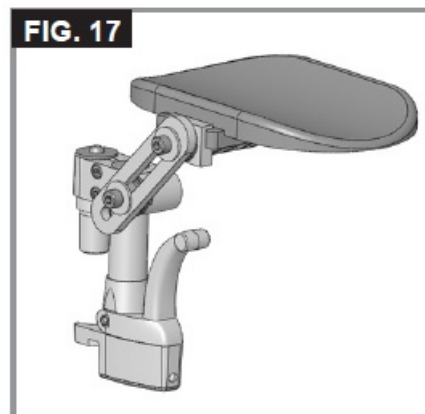


WARNING!

- Keep hands clear of the adjustable mechanism between the frame and the movable parts of the foot rest, while elevating or lowering the footrest.
- Always make sure that the fasteners are secure.
- The foot rests must not be used to lift or to carry the wheelchair.
- Risk of trapping fingers! When moving the foot rest up or down, do not put your fingers in the adjusting mechanism between the moving parts of the foot rest.

AMPUTEE SUPPORT (Fig.17).

The Amputee Support can be adjusted in every direction as required.



Options – Castors

CASTORS, CASTOR PLATES, FORKS

The wheelchair may veer slightly to the right or left, or the castors may wobble. This may be caused by the following:

- Forward and/or reverse wheel motion has not been set properly.
- The castor angle has not been set correctly.
- Castor and/or rear wheel air pressure is incorrect; the wheels do not turn smoothly.

The wheelchair will not move in a straight line if the castors have not been properly adjusted. Castors should always be adjusted by an authorised dealer. The wheel locks must be checked every time the rear wheel position has been altered. The seat height is determined by the castor and rear wheel position. The seat height can be adjusted by altering the position of the rear wheels and the castors

CAUTION! After adjusting the seat height, all screws must be re-tightened and the wheel lock must be

readjusted. The castors must be set at 90°

Options – Side Guard

STANDARD SIDE GUARDS, FLIP-UP, WITH SHORT OR LONG ARMRESTS

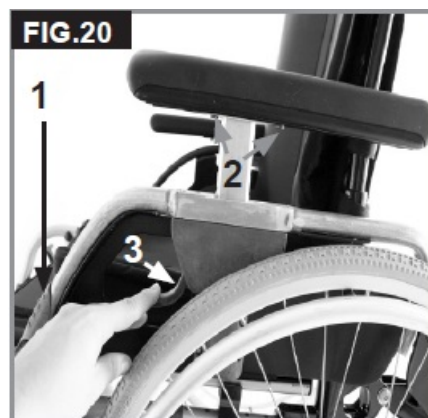
The side guard with rounded off front edges will allow you to get up close to a table. To flip the armrest up, push the lever (1), so that the side guard is released (Fig. 18). The length of the armrest can be adjusted by releasing the screws (2), then move the armrest to the desired position and re-tighten the screws (Fig. 19).



SIDEGUARD, FLIP-UP, REMOVABLE WITH SHORT OR LONG ARMRESTS, HEIGHT-ADJUSTABLE

The armrest can be height-adjusted as follows. Push the lever downwards and move the armrest to the desired height (3). Release the lever and press the armrest downwards until you hear it click into place. Always check that the sideguards are correctly in place. To flip the armrest up, push the lever (1) so that the sideguard is released. You can adjust the length of the armrest by releasing the screws (2) push the armrest to the desired position and then re-tighten the screws (Fig. 20).

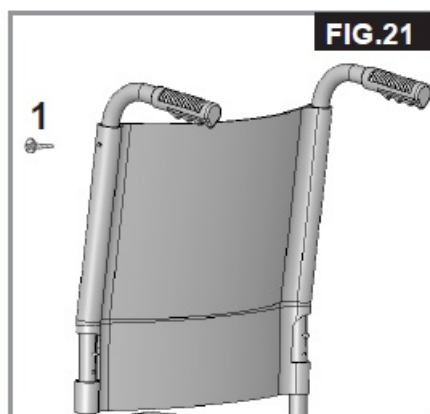
WARNING! Neither the sideguards nor the armrests are to be used for lifting or carrying the wheelchair.



Options – Back Rest

HEIGHT-ADJUSTABLE BACKREST

The height of the backrest can be set to 2 different positions (41 cm and 42.5 cm). Release and remove the bolts (1), and push the backrest sling to the desired position. Tighten up the bolts again (Fig. 21).



Options – Therapy Table

THERAPY TABLE

The tray provides a flat surface for most activities. Before using a tray, it first has to be adjusted to the width of the seat by an authorised dealer. The user must be sitting in the wheelchair during this adjustment (Fig. 22).



Options – Anti Tip Tubes

ANTI-TIP TUBES

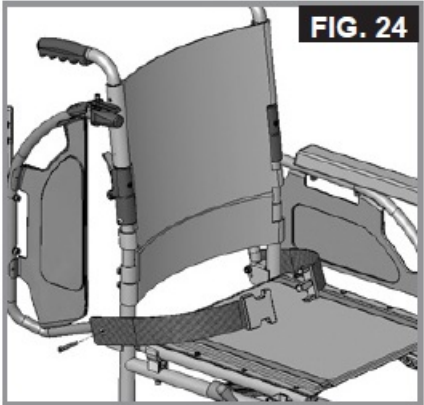
Anti-tip tubes provide additional safety for inexperienced users when they are still learning how to operate their wheelchair. They prevent a wheelchair from tipping over backwards. By pushing on the release button (1), the safety wheels can be set upwards or removed. There must always be a gap of between 3 cm and 5 cm between the tube and the ground. You must swing the safety wheels upwards when going up and down large obstacles (such as a kerb) to prevent them from touching the ground. Then rotate the safety wheels back down to the normal position (Fig. 23).

WARNING! Incorrect setup of the anti-tips will increase the risk of a rearwards tip.

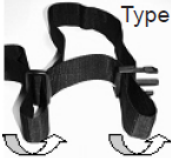
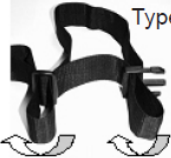
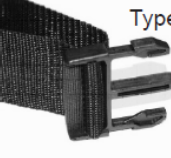





Options – Lap Belt

WARNING! Before using your wheelchair ensure the seat belt is worn and correctly adjusted before use. The lap belt is fitted to the wheelchair as shown in the illustrations. The seat belt comprises 2 halves. They are fitted using the existing arm rest fixing bolt fitted through the eyelet on the belt. The belt is routed under the rear of the side panel. Adjust the belt position so buckles are in the centre of the seat. (Fig.24-25)

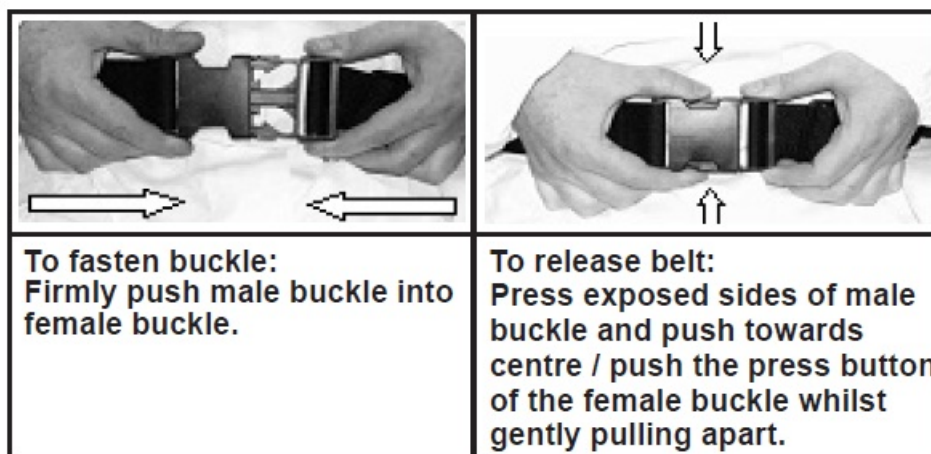
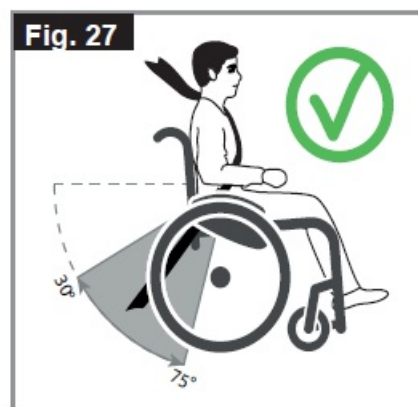


Adjust lap belt to suit the user’s needs as follows:

To increase the belt length	To reduce the belt length	✓
 <p>Type A</p>	 <p>Type A</p>	 <p>Type A</p>
 <p>Type B</p>	 <p>Type B</p>	 <p>Type B</p>
Feed free belt through slide adjusters and male buckle to provide more belt length.	Feed free belt back through male buckle and slide adjusters.	Ensure belt is not looped at male buckle.

Options – Lap Belt>>>

When fastened check space between the lap belt and user, when correctly adjusted it should not be possible to insert more than the flat of the hand between the lap belt and the user. (Fig. 26) Generally the Lap Belt should be fixed so that the straps sit at an angle of approximately 45°, and when correctly adjusted should not allow user to slip down in the seat. (Fig. 27)



ADVICE TO CLIENT

DANGER!

- Do not rely on the lap belt only when the wheelchair and occupant are transported in a vehicle, use the separate occupant lap and diagonal restraints provided in the vehicle.
- Before use we recommend that the lap belt be checked to ensure that it is adjusted correctly, free from any obstruction or adverse wear and that the buckle engages securely.
- Failure to make sure that the lap belt is secure and adjusted prior to use could cause serious injury to the user.
e.g. too loose a strap may allow the user to slip down in the chair and risk suffocation.

MAINTENANCE:

Check lap belt and securing components at regular intervals for any sign of fraying or damage. Replace if necessary. Clean the lap belt with warm soapy water and allow it to dry.






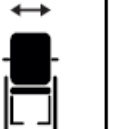





DANGER! The lap belt should be adjusted to suit the end user as detailed above Sunrise Medical also recommend that the length and fit of the belt is checked on a regular basis to reduce the risk of the end user inadvertently re-adjusting the belt to an excessive length. If in doubt about the use and operation of the seat belt then ask your health care professional, wheelchair dealer, carer or attendant for assistance.

Name Plate













NAMEPLATES

The nameplate is located on either the cross-tube assembly or the transverse frame tube, as well as on a label in the owner's manual. The nameplate indicates the exact model designation and other technical specifications. Please provide the following pieces of information whenever you have to order replacement parts or to file a claim:

SAMPLE

		 Sunrise Medical GmbH Kahlbachring 2-4 D-69254 Malsch / Germany		 XXXX-XX-XX	
TYPE: Unix2		Wheelchair, Rollstuhl, Fauteil Roulant, Silla de Ruedas		SN XXXXXXXXXXXXXXXX	
		ISO 7176-19:2008			
 XXX kg	 max X°	 XXX mm	 XXX mm	 	 

UK	RP	Sunrise Medical Limited Thorns Road, Brierley Hill West Midlands, DY5 2LD UNITED KINGDOM
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TYPE:	Product Name/SKU Number.
 max X°	Maximum safe slope with anti-tip tubes fitted, Depends on wheelchair setting, posture and physical capabilities of the user.
 XXX mm	Seat width.
 XXX mm	Seat depth.
 XXX kg	Load Maximum.
	UKCA Mark.
	CE Mark.
	Consult instructions for use.
 XXXX-XX-XX	Date of manufacture.
	Serial number.
	This symbol means Medical Device.
	Manufacturer's address.
ISO 7176-19:2008	Crash tested according to ISO 7176-19:2008.
	Importer's address
UK RP	UK Responsible Person
CH REP	Swiss Representative's address

Due to our policy of continuous improvement in the design of our wheelchairs, product specifications may vary slightly from the examples illustrated. All weight/dimensions and performance data are approximate and provided solely for guidance. All wheelchairs must be used in accordance with the manufacturer's guidelines.

Tyres and Mounting

TYRES AND MOUNTING

Solid tyres are fitted as standard from the factory. If pneumatic tyres are used, make sure that you maintain the correct tyre pressure, as this can have an effect on wheelchair performance. If the tyre pressure is too low, rolling resistance will increase, requiring more effort to move the chair forward. Low tyre pressure also has a negative impact on manoeuvrability. If the tyre pressure is too high, the tyre could burst. The correct pressure for a given tyre is printed on the surface of the tyre itself. Tyres can be mounted the same way as an ordinary bicycle tyre. Before installing a new inner tube, you should always make sure that the base of the rim and the interior of the tyre are free of foreign objects. Check the pressure after mounting or repairing a tyre. It is critical to your safety and to the wheelchair's performance that regulation air pressure be maintained and that tyres be in good condition.

Daily Checks

- As the user, you are the first person to notice any possible defects. We therefore recommend that before each use, you check the items in the following list:
- Check for correct tyre pressures
- Check that the brakes work correctly
- Check that all removable parts are secure, e.g. armrest, footrest, quick-release axle etc.
- Check for visible damage e.g. on the frame, backrest, seat sling and back sling, wheels, footplate etc. If there is any damage or malfunction, please contact your authorised dealer.

Trouble Shooting

- **Wheelchair pulls to one side**
 - Check tyre pressure (pneumatic tyres only).
 - Check to make sure wheel turns easily (bearings, axle).
 - Check the castors are set consistently and make proper contact with the ground.
 - Ensure castor fork bearings rotate freely.
- **Castors begin to wobble**
 - Check to make sure all bolts are secure; tighten if necessary (see the section on torque).
 - Check to make sure both castors are making proper contact with the ground.
- **Wheelchair squeaks and rattles**
 - Check to make sure all bolts are secure; tighten if necessary (see the section on torque).
 - Apply small amount of lubrication to spots where movable parts come in contact with one another.
- **Wheelchair begins to wobble**
 - Check angle at which castors are set.
 - Check all tyres for damage or wear.
 - Check to see if rear wheels are adjusted or fixed unevenly.

Maintenance and Care

MAINTENANCE

- Check the tyre pressure every 4 weeks. Check all tyres for wear and damage.
- Check the brakes approximately every 4 weeks to make sure that they are working properly and are easy to use.
- Change tyres as you would an ordinary bicycle tyre.
- All of the joints that are critical to using your wheelchair safely are self-locking nuts. Please check every three months to make sure that all bolts are secure (see the section on torque). Safety nuts should only be used once and should be replaced after use.
- Please use only mild household cleansers when your wheelchair is dirty. Use only soap and water when cleaning the seat upholstery and lap belt.
- If your wheelchair should ever get wet, please dry it after use, to avoid rust and salt corrosion.
- A small amount of sewing-machine oil should be applied to quick release axles approximately every 8 weeks. Depending on the frequency and type of use, we recommend taking your wheelchair to your authorised dealer every 12 months to have it inspected by trained personnel.

CAUTION!

Sand and sea water (or salt in the winter) can damage the bearings of the front and rear wheels. Clean the wheelchair thoroughly after exposure.

The following parts can be removed and sent to the manufacturer /dealer for repair:

Rear wheels, Armrest, Hanger, Anti – tips. These components are available as spares. More details can be found in the parts manual. **HYGIENE MEASURES WHEN BEING RE-USED:** Prior to the wheelchair being re-used, it must be carefully prepared. All surfaces which come into contact with the user must be treated with a disinfection spray. To do this, you must use a disinfectant as authorised/recommended in your country, for rapid alcohol-based disinfection for medical products and medical devices, which must be disinfected quickly. Please be aware of the manufacturer's instructions for the disinfectant you are using. In general, a complete disinfection cannot be guaranteed on seams. We therefore recommend that you dispose of seat and back slings to avoid micro-bacterial contamination with active agents according to your local infection protection law.

STORAGE

Please store/keep the wheelchair in a dry place.

Disposal / Recycling of Materials

NOTE: If the wheelchair has been supplied to you free of charge it may not belong to you. If it is no longer required follow any instructions given by the organisation issuing the wheelchair in order that it may be returned to them. The following information describes the materials used in the wheelchair in relation to the disposal or recycling of the wheelchair and its packaging. Specific waste disposal or recycling regulations may be in force locally and these should be taken into consideration when disposal arrangements are made. (This may include the cleaning or decontamination of the wheelchair before disposal).

Steel: Fasteners, QR axle, side frames, armrests, frame, leg rests, push handles.

Plastic: Handgrips, castor forks, tube plugs, castor wheels, footplates, armpads and 12" wheel/tyre, wheels, side guards.

Packaging: Low density polythene bag, cardboard box.

Upholstery: Woven polyester with PVC coatings and expanded combustion modified foam. Disposal or recycling should be done through a licensed agent or authorised place of disposal. Alternatively your wheelchair may be returned to your dealer for disposal.

Technical Data

MAXIMUM LOAD: 125 KG


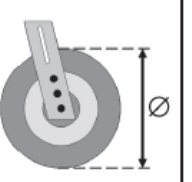
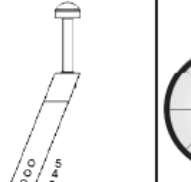
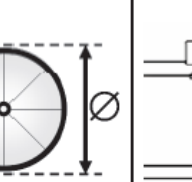
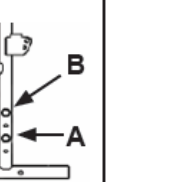
ALSO SEE PAGE 4

In Accordance with EN12183: 2009 all there listed parts (seat – back upholstery, arm pad, side panel...) are fire resistant as per EN1021-2 . The Dynamic safe slope is dependant on the chair configuration, the users abilities and the style of riding. As the users abilities and style of riding cannot be predetermined then the max safe slope cannot be determined. Therefore this must be determined by the user with the assistance of an attendant to prevent tipping. It is strongly recommended that inexperienced users have Ant-tips fitted.

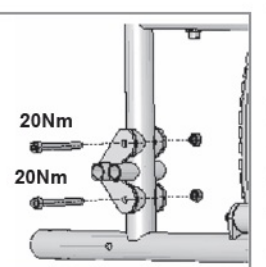
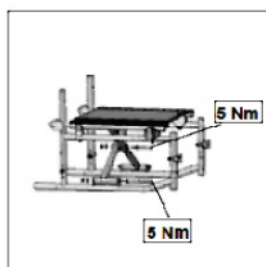
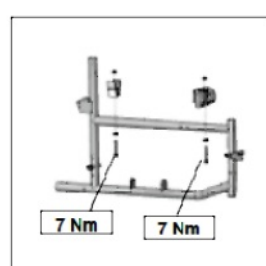
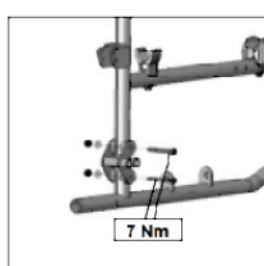
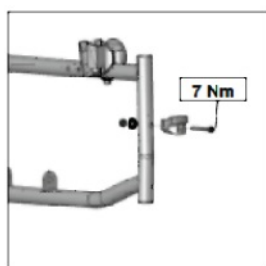
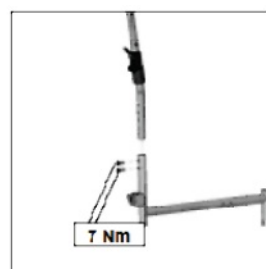
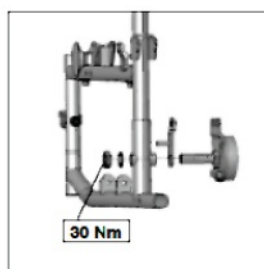
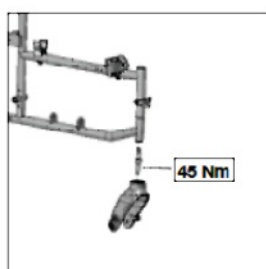
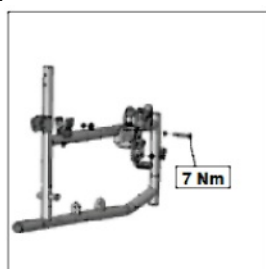
The wheelchair conforms to the following standards:


1. Requirements and test methods for static, impact and fatigue strengths (ISO 7176-8)
2. Requirements for resistance to ignition in accordance with ISO 7176-16 (EN 1021-1)

Seat Height Adjustment

				
470 mm	8"	5	24"	B
510 mm	8"	1	24"	A

Torque



 <p>Unix2</p> <p>Breezy</p>	<p>Breezy Unix2 Wheelchair [pdf] Instruction Manual</p> <p>Unix2, Unix2 Wheelchair, Wheelchair</p>
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References

- [Kørestole, rollatorer, siddesystemer | Sunrise Medical](#)
- [Oficiální stránky společnosti Medicco s.r.o. | Sunrise Medical](#)
- [Wózki manualne, elektryczne i dzieciÄ™ce. | Sunrise Medical](#)
- [Rollstühle, Elektromobile und Sitzsysteme | Sunrise Medical](#)
- [Wheelchairs, Seating & Mobility Scooters | Sunrise Medical](#)
- [Wheelchairs, Mobility Scooters & Custom Seating | Sunrise Medical](#)
- [Rollstühle, Rollstuhlzubehör & Elektromobile | Sunrise Medical](#)
- [Sillas de ruedas, grúas y scooters eléctricos | Sunrise Medical](#)
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- [Carrozzine, postura e ausili per la mobilità | Sunrise Medical](#)
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- [Hjem | Sunrise Medical](#)
- [Rullstolar, sittande & scooter | Sunrise Medical](#)
- [User Manual](#)