

SUMED<sup>®</sup>







Model PHONHDPS
Owner's Manual



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### introduction

### The new generation of UNIROLL modular heavy duty wheelchairs from SUMED.

Through innovation and technological development Uniroll have developed a new generation of modular heavy duty wheelchairs.

Using advanced materials and specialised components our wheelchairs represent cutting edge design, setting new standards in wheelchair manufacture. With a high level of adaptability our wheelchairs can be tailored to suit the needs of a wide range of clients.

We are delighted that you have chosen a Uniroll Phönix wheelchair from Sumed. You can be certain that it has been built with not only safety in mind, but for your comfort and ease of use.

Before using your wheelchair for the first time please read this owner's manual and keep for future use. Sumed International (UK) Ltd.

### delivery

All wheelchairs are quality inspected throughout the manufacturing process, with a final inspection before shipment to ensure that your wheelchair reaches you in perfect condition.

If after unpacking you find any fault with your wheelchair please immediately contact:-

Sumed International (UK) Ltd Telephone: 01457 890980

Fax: 01457 890990

Email: sales@sumed.co.uk

Note: Office hours 8.30am - 5pm, Monday - Friday

### usage

Your wheelchair is designed to assist mobility for indoor and outdoor use. It can be supplied either self propelled or for use with the aid of a carer/helper. This wheelchair is suitable for people with a wide range of medical conditions, but it is not suitable for self propelling for people with certain medical conditions e.g. extreme vertigo, double arm amputee, muscular dystrophy or blindness.

If you are unsure of the suitability of the wheelchair please seek professional advice.

Your wheelchair is designed only to be used on firm surfaces such as pavements and at a walking pace.

# safety instructions

- 1) Before using your wheelchair for the first time read the user manual carefully.
- Only use the wheelchair for its intended purpose.
- 3) Check all parts of the wheelchair for damage before each use.
- 4) Practice handling your new wheelchair on level ground and with a friend. Take extra care until your are confident handling your wheelchair.
- 5) Users of the wheelchair must exercise extreme caution when faced with obstacles. Ramps or other suitable equipment should be used whenever possible. If the wheelchair (with an occupant) needs to be lifted over an obstacle this should only be attempted with two helpers. The maximum safe slope for this wheelchair is 10°, a slope of approximately 1 in 6.
- 6) Wheelchairs **MUST NOT** be used on escalators.
- 7) Exercise caution when parking your wheelchair on hills or steep gradients. **BOTH BRAKES** must be applied to avoid **ROLLING** and **TIPPING**.
- 8) The wheelchair must not be used as a shower chair or to pull or transport goods and **MUST NOT** be exposed to sea water and sand.
- 9) The maximum body weight of the user is 185kg.

Please note: when folding/unfolding the wheelchair, when fitting or removing the foot rests or when adjusting arm rests or applying the parking brake, there is a danger of entrapment for fingers and other body parts.

#### ALWAYS TAKE GREAT CARE WHEN PERFORMING THESE OPERATIONS.

#### Special precautions on uneven ground

The wheelchair is for indoor and outdoor use on a flat and firm surface. Caution must be exercised when using on slippery surfaces such as wet or icy pavements or when using on ramps or steps. Seek help when travelling over difficult surfaces.

Always be aware of risks when travelling over uneven surfaces and assess safety before attempting.



# safety instructions cont.

#### **Transportation**

Transporting your wheechair must be by the frame only and in no case should the wheelchair be carried using the foot rests, the arm rests or the back rest. With a seated occupant, obstacles such as staircases should only be attempted with assistance. Remove the anti-tip arms on the rear of the wheelchair, this can be done by grasping the circular disc mounted at the rear of each anti-tip arm with finger and thumb each side (just behind where the aluminium arm passes through the black plastic fixing) and pulling towards the rear of the wheelchair. This will allow the anti-tip arm to slide out of the fixing. Once the steps are traversed the anti-tip arms must be replaced to original position and secured.

Please see section 5.2 for vehicular transportation details.

#### **Brakes**

Before every use test the brakes to ensure that they are working correctly. To ensure the safety of your wheelchair the braking system should only be serviced by authorised service personnel.

#### Setting instructions for parking brake

The distance of the brake block to the tyre tread should be no more than 13mm. As the brakes are applied directly to the tyres, the braking effect can be reduced due to wet tyres or worn brake blocks.

If the axis position of the rear wheels has been modified, the brakes must be checked to ensure correct function.

Correctly adjusted brakes to the rear wheels will, when applied, prevent the rear wheels from rotating. If for any reason the wheels can rotate you MUST check brake blocks for wear or incorrect adjustment. DO NOT use your chair with faulty brakes. Consult a qualified service engineer if in any doubt.

#### Operating forces of the parking brake

Ensure the brake levers are adjusted to enable the user to operate them easily on both sides. If the user experiences difficulties, brake lever extensions can be installed which significantly reduce the operating force required. Ensure that the brake levers are used only for the purpose of operating the brakes.

#### **Drum brakes (if fitted)**

If the braking effect of the drum brakes decreases noticeably it may mean that the brakes need adjusting or shoes may need replacing. The wheelchair must not be used and must be repaired by an authorised dealer/qualified engineer.





# safety instructions cont.

#### Adjusting the drum brakes (if fitted)

To set the drum brakes remove the wheel and unscrew the locking nut on the end of the brake cable where it passes through the brake drum assembly. Operate the brake lever, so that the brake shoes in the brake drum are centred in the assembly. Replace the wheel and adjust the brake cable half a turn at a time to ensure that the wheel can turn freely with no brake pressure applied. Test the brake system by applying the brake to ensure that the wheel cannot revolve, then remove the wheel and check that the brake shoes both move evenly when operating the brake and tighten the locking nut in position. Ensure all fixings on the brake system are secure and the brake system is fully functional.



#### Adjustment of brakes should only be done by qualified personnel

#### Adjusting rear wheels

The wheel mountings for the rear wheels can be adjusted vertically and horizontally, to suit the wheelchair user's needs and preferences. Vertical adjustment will change the seat height and the seat angle. It is important to note that if the wheelchair height is adjusted by altering the rear wheels, the front wheels must also be adjusted to maintain stability, see section 3.6.

If the rear wheels are moved forward i.e. horizontal direction adjustment (to suit certain clients), the centre of gravity of the wheelchair will be altered. There will be an increased risk of tipping and the anti-tip system should be fitted to avoid this happening.



#### Increased risk of tipping due to wheel repositioning

#### Rear wheels with anti-tip kit fitted

Before using your wheelchair ensure the anti-tip kit is securely attached and mounted correctly.

#### Front wheel settings

Different diameters of front wheels are available. It is important to ensure that the control heads on the front wheel forks are vertical.



Note: If smaller front wheels are used, the position of the rear wheels must be adjusted forward to align vertically. It may also be necessary to change the rear wheel dimensions

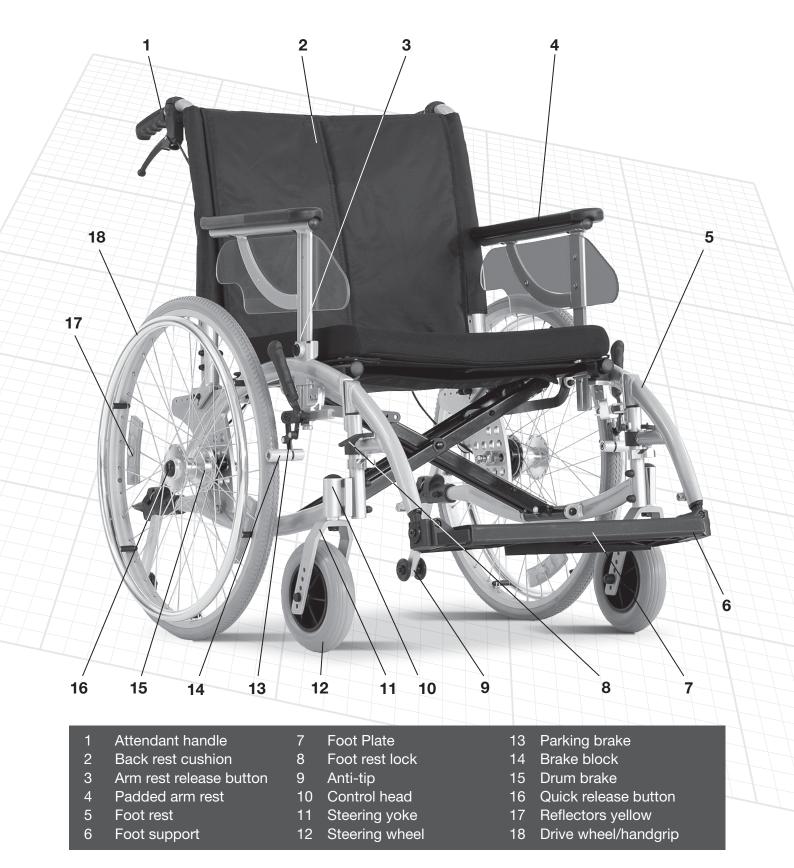
#### Be careful when driving on a gradient

Different gradients and obstacles can create problems and lead to a risk of tipping and falling. Changing the posture of the user in the chair can help increase stability. Sitting back in the chair when descending a gradient and leaning forward when climbing up a gradient can also help improve stability but care must always be taken to ensure user safety.



Be aware of potential accident risk when driving on steep gradients and assess for safety before attempting

# Fig. 1 - Phönix model overview





#### 1.1 Unfolding the wheelchair

The wheelchair is designed so that it can easily be unfolded. To do this place one hand on each side of the raised seat and press down until the seat is horizontal and clicks in to place (see fig. 2).

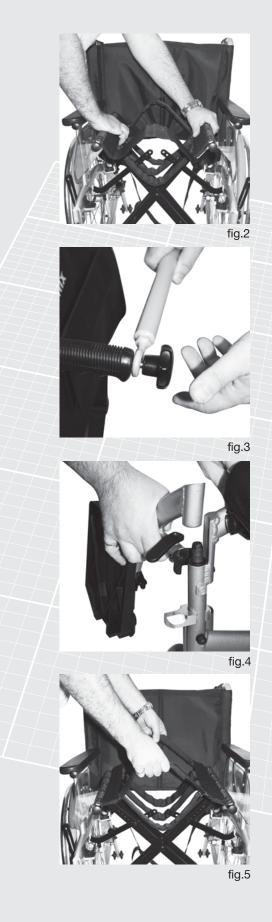
Fix the rear push bar in to place by attaching to the handles at the rear of the wheelchair (see fig. 3).

#### 1.2 Attaching the foot rests

To attach the foot rests, start with the foot rest at 90° to the frame, then place the top of the foot rest over the black plastic mounting bushes on the front of the frame and push downwards until the foot rest is located. Once attached, swivel the foot rest inwards through 90° until there is an audible click and the foot rest is aligned with the frame. Note the foot supports must be pointing inside the frame (see fig. 4).

#### 1.3 Folding the wheelchair

Release the rear push bar by unscrewing the black caps screwed in to the handles at the rear of the chair. Fully remove one screw cap but only loosen the other. The horizontal push bar will then drop in to a vertical position to allow the wheelchair to be folded (the rear push bar can be fully removed if required by removing both black screw caps from the handles). Ensure the foot rests are removed. Grasp the chair at the front and back of the seat and pull upwards and the wheelchair should fold easily (see fig. 5).







#### 2.1 Removing the arm rests

To remove the arm rests simply press and hold the black button on the outside of the armrest (below the PMMA polymethyl methacrylate splash guard) on the left or right hand and pull the arm rest vertically. The arm rests should slide up and out of the fixings (see fig. 6).

#### 2.2 Inserting the arm rests

To insert the arm rests simply press and hold the black button on the outside of the arm rests (below the splash guard) on the left or right handside and push the arm rest downwards. The arm rest should slide down into the mounting. Release the black button and the arm rest should be locked in to place (see fig. 7).



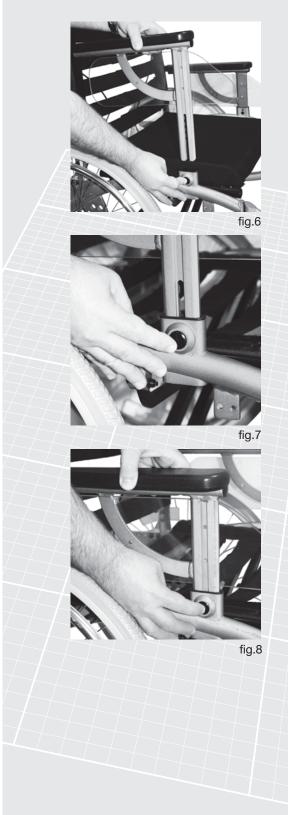
Ensure the arm rests are securely fixed in place

### 2.3 Setting the height adjustable arm rests

You can adjust the arm rests to suit your requirements. Simply press and hold the black button on the ouside of the arm rests (below the splash guard). There are 5 available height positions. Once you have pressed the button, slowly pull the arm rest upwards (see fig. 8). Release the button as you raise the arm rest and it will click in to the next available position. To raise or lower to the next position press the button in and either lift or lower the arm rest. Once again release the button and the arm rest should slot in to position. If you raise the arm rest too high it will not click into position and you will be able to remove the arm rest completely from the frame.



Ensure that the arm rests are securely locked in position before using chair







#### 2.4 Removing the foot rests

There are times when the foot rests should not be used, e.g. when transporting the wheelchair. To remove the foot rests, first remove the foot plate if fitted. To remove the foot plate, face the wheelchair, grasp the rear of the foot plate in the centre between the foot rests and pull upwards towards yourself (see fig.9). Once the foot plate is removed swivel the black plastic foot supports vertically so they are facing upwards (see fig.9a).

Press the locking lever on the foot rest and swivel the foot rest through 90° so the foot rests are facing out from the wheelchair. Once the foot rest is at 90° to the frame, it can be removed by grasping the support firmly and pulling upwards and slightly outwards at the same time. Repeat the process to remove the other foot rest.

#### 2.5 Swivelling the foot rests

The foot rests should not be used in confined areas i.e. when approaching cabinets etc. The foot rests can easily be swivelled to the outside of the wheelchair. To do this, press the locking lever and swing the foot rests to the outside of the chair (see fig. 10).



Note: swivelled foot rests are unlocked and care should be taken to ensure that they are not knocked from the mountings when moving the wheelchair





fig.9a



fig.10





#### 2.6 Folding the foot supports

In order to enter or leave the wheelchair you can fold the foot supports vertically. To do this, ensure that the brakes are applied to prevent the wheelchair rolling (if a foot plate is fitted, remove as per section 2.4). Turn each foot support vertically until they are both facing upwards (see fig. 11).

#### 2.7 Setting the foot support height

The foot rest is fitted with a telescopic adjustment of approximately 11-13cm to allow the foot support to be positioned to suit the user's needs. Before adjusting ensure the brakes are applied to prevent the wheelchair rolling. Unfasten allen head screw and nut (using 4mm key and 10mm spanner) adjust and refix in desired position (see fig. 12).



Ensure all bolts are secured before using foot rests and that both foot rests have been adjusted correctly

#### 2.8 Setting the foot support angle

The foot rests are designed so that the angle of the foot supports can be easily adjusted for comfort. Before adjusting ensure the brakes are applied to prevent the wheelchair rolling. Using an allen key (5mm), slacken the cap head bolt on the foot support (see fig. 13). Set foot support to the desired angle and retighten cap head bolt, repeat for other foot support.



Ensure all cap head bolts are fully tightened before using foot rests

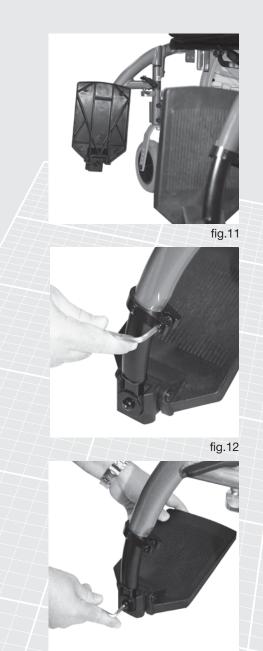


fig.13





#### 2.9 Setting the elevating foot rests.

The procedure for attaching or removing elevating foot rests is identical to that for standard foot rests.

The adjustment for setting the height and foot angles is identical to the adjustment for standard foot rests.

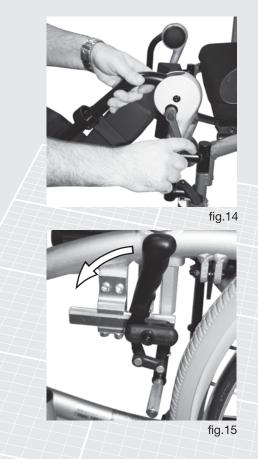
Before adjusting, ensure the brakes are applied to prevent the wheelchair rolling. With the aid of an assistant to adjust the elevation of the leg supports, slacken the handle (see fig. 14) at the top of the elevating foot rest. This will allow the foot rests to be raised or lowered. Once the desired position is achieved, tighten the handle. A calf support can be moved up or down by slackening the cap head bolts with a 5mm allen key. The foot support can be easily adjusted up to 20cm by slackening the cap head bolt and re-tightening after adjustment.



Care should be taken to avoid entrapment in the mechanism when adjusting

#### 3.1 Operating the parking brake

The brakes are one of the most important safety elements of your wheelchair. You must always make sure that they are functioning correctly. Braking can be affected by damaged tyre tread, wet tyres, or by a loose brake mechanism. To operate the parking brake press both brake levers forward to apply the brakes. To release the brakes simply pull back on both brake levers (see fig. 15).







#### 3.2 Setting the parking brake

Ensure that the parking brake is in the OFF position. Loosen the two cap head screws located on the parking brake lever mounting bar (see fig. 16). You can slide the entire brake assembly forward and backwards along the frame. Adjust the position until the brake block is a distance of approx 13mm from the tyre. Once set, retighten the two cap head screws.



Note this must be checked after any adjustment of seat height, seat tilt or width, repositioning of rear wheels or replacement of tyres

#### 3.3 Operating the drum brake

There are two positions in which the brakes can be locked. The first position applies a light braking force and in the second position the brakes are fully applied. The carer/ attendant can operate the drum brakes by pulling lightly upwards on the rear brake handles (see fig. 17). A light braking force can be continuously applied (when on slopes or uneven surfaces to control walking speed) by pulling the brake levers lightly and pressing the locking mechanism in the first position. To release the locking mechanism simply pull the brake levers upwards (the locking mechanism is automatically released).

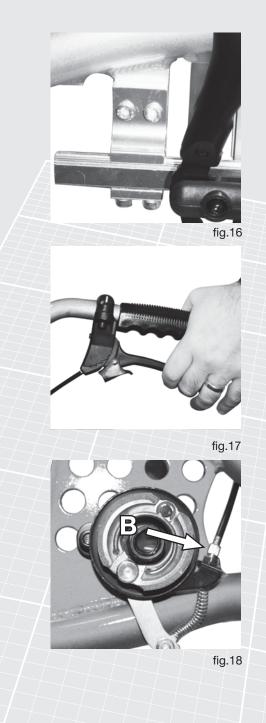
To stop the wheelchair fully, pull firmly upwards on the brake levers and at the same time press the locking mechanism. This will set the brakes in the second position and the wheelchair brakes will be fully locked.

#### 3.4 Adjusting the drum brake

Where drum brakes are fitted (for use by a carer/helper), it is important to ensure that they are functioning correctly. Problems can occur due to worn brake shoes, or other damage to the brake mechanism. The drum brakes can be adjusted by simply unscrewing the locking screw (B) and adjusting the cable tensioning (see fig. 18).



Ensure that the wheels run freely with no brake applied and are locked when the brake is applied





### 3.5 Removing the drive wheels with quick release axles

You can simply and quickly remove the drive wheels (e.g. for loading into a car boot). Press on the black button in the centre of the wheel with your thumb and hold down. Pull the wheel towards you (away from the chair frame). It should slide easily off the shaft mounting. To reinstall the wheels, press and hold the black button then slide the wheel back on to the shaft until it is locked in place. When you release the black button, the wheel should remain fixed in place and you should not be able to move the wheel horizontally on the shaft (see fig. 19).

After reinstalling wheels always check that they are correctly fixed in position.



When fitting or removing the wheels, make sure that the brakes are released and the pins on the shafts are in position (the two locking balls on the shaft must be clearly visible on the inside of the fixing see fig. 20)

#### 3.6 Adjusting the steering wheels

If seat height is adjusted (3.7) the steering wheel height should also be adjusted. Before adjusting, ensure the brakes are applied to prevent the wheelchair rolling. With two ring, or open-ended spanners (13mm) undo the wheel axle. Remove and reposition the steering wheel by using one of the additional fixing holes (see fig. 21). Once in position refasten all fixings. Repeat for the other wheel.

#### **Transit version**

Please note that some wheelchairs are supplied with small rear wheels which cannot be self propelled (see fig. 21a).



Changing seat height without adjusting steering wheel height increases the risk of tipping





fig.20





fig.21a



#### 3.7 Adjusting seat height

The seat height on the Phönix wheelchair can be adjusted from 42.5cm – 52.5cm in 2.5cm steps. To adjust the seat height first remove both wheels, unbolt (using a suitable 24 mm spanner) the axle mounting from the multi-position axle mounting plate and reposition at the required height. Ensure that the axle mounting is fully tightened after repositioning. If a seat height of 42.5cm is required, this is acheived by using 22" wheels. If a seat height of 52.5cm is required, this is acheived by using 26" wheels (see fig. 22).

Note: If drum brakes are fitted, the drum brake assembly must also be removed when raising the seat height. The drum brake assembly is mounted on the axle mounting and should be removed at same time as the axle mounting.



Note adjusting seat height may cause instability with an increased risk of tipping. Reposition front wheels to suit new seat height and ensure brake system is still functioning correctly

### 3.8 Horizontal movement of the drive wheels

The drive wheels of the wheelchair can be moved forward on the wheelchair to increase manoevrability for certain users. The axle support mounting can be moved forward rather than upwards in the multi-position axle plate (see fig. 23).



Repositioning the drive wheels can create a higher risk of tipping. Ensure brake system is still functioning correctly

#### 4.1 Setting the back height

The back height of the Phönix can be adjusted from 36cm – 46cm in 2cm increments. First remove the back canvas by unscrewing the two phillips screws, then unscrew the two cap head bolts with a 5mm allen key at the bottom of the back rest (on each side) the back rest can now be raised in 2cm steps. Once you have set the desired back height, re-fix and tighten all cap head bolts (see fig. 24).



Ensure all bolts are in place and firmly tightened before using chair

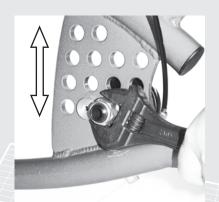


fig.22

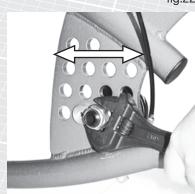


fig.23



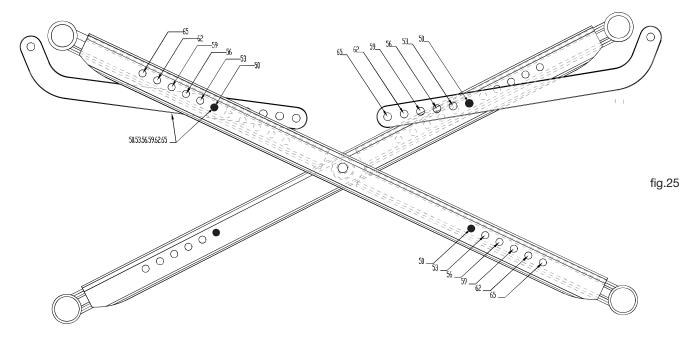
fig.24



#### 4.2 Adjusting the seat width

The seat width can be adjusted from 50cm to 65cm in 3cm increments.

- 4.2.1. First remove the seat and back and loosen the "hook and loop" straps for the seat and back rest.
- 4.2.2. The crossbar is telescopic to achieve following seat widths: 50 / 53 / 56 / 59 / 62 / 65cm. For a seat width of 50cm, all 4 allen bolts at the top and bottom of the crossbar should be at the innermost of the 6 available mounting holes (see fig. 25 solid holes).



4.2.3. First remove the two allen bolts with a 4mm allen key at the bottom of the crossbar and pull out both inner tubes to the desired seat width (e.g. seat width 59cm = 4th hole from the top, see drawing: solid marks) and screw the crossbar in this position. Note: The lower inner tubes are each provided with only one hole (see fig. 26).

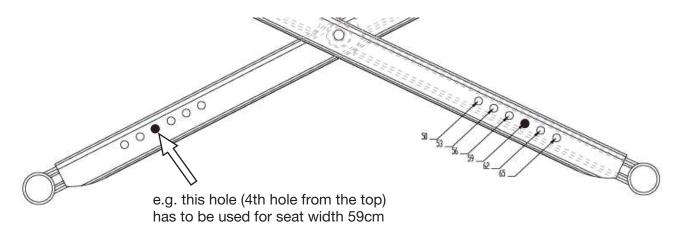


fig.26

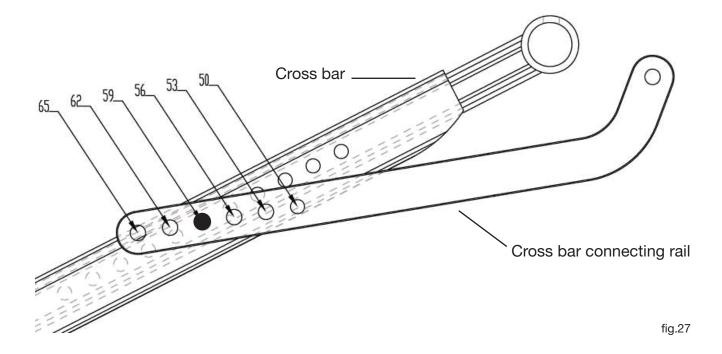


#### 4.2 Adjusting the seat width (cont.)

4.2.4. Remove the two allen bolts at the top of the crossbar and pull out both inner tubes by the same amount as the lower inner tubes. The upper inner tubes are provided with 6 holes, please ensure that the amount of pulled out inner tubes above and below is the same.

Secure the left and right outer and inner tube of the crossbar with the respective hole of crossbar connecting rail (e.g. seat width 59cm = 4th hole from outside, see fig. 27) in the bottom hole of the crossbar.

Note: For all seat widths from 50cm to 65cm always use the lowest hole in the crossbar and the corresponding hole in crossbar connecting rail for the desired seat width.



4.2.5. Attach the "hook and loop" straps to the seat and back rest and adjust them according to the user's needs. Place the seat and back onto the "hook and loop" straps.

Note: Depending on the amount of width adjustment, an additional seat canvas and stabiliser bar may be required.



Safety Note:

Before using the wheelchair, ensure all fixings are properly secured



#### 4.3 Adjusting the seat depth

The seat depth can be adjusted from 42cm – 50cm in 2cm increments. To adjust the seat depth, unscrew the two cap head bolts with a 5mm allen key on the bottom of the back rest (on each side of the frame) where it attaches to the wheel-chair frame. Remove bolts and slide the back rest horizontally along frame to desired position. Replace cap head bolts and tighten (see fig. 28).

#### 4.4 Adjusting the back rest angle

The back rest can be adjusted by 0°, 15° or 30°. Please note that the back rest angle is the angle from the pre-set angle of 10.6°. The actual back rest angles are therefore 10.6°, 25.6° and 40.6°. To adjust the back rest angle unscrew the cap head bolts as per seat depth adjustment (see section 4.3), tilt the back rest until the holes line up for either the 15° angle adjustment or 30° angle adjustment, refix and tighten cap head bolts (see fig. 29).

#### 5.1 Frame number

To ensure the effective continuing service of your wheelchair and to ensure your guarantee remains in place you must only use authorised spare parts. The model and specification for your wheelchair is on the label located on the lower part of the left frame (see fig. 30).

#### 5.2 Transport Kit for vehicles

Your Phönix wheelchair is suitable for use in an appropriate vehicle provided the correct equipment is used to secure the chair.

You can purchase a Transport Kit from Sumed International (UK) Ltd. (see page 3 for contact details) which will provide the necessary parts required for compliance with safety standards in transportation of wheelchairs. The kit comprises of:

- 2 brackets which attach to the front of the chair as shown in fig. 31. When a chair is ordered with a Transport Kit, these will already be fitted. If a Transport Kit is ordered separately, please refer to the instuctions suplied with the kit.
- 2 brackets which are attached as shown in fig.32.

  As for the front brackets, these will be fitted when ordered with a wheel chair. Please note that the Transport Kit cannot be used with a seat depth of 48cm or 50cm.







- Lap belt with steel quick release mechanism
- Shin/leg strap hook and loop belt to go across the front of shins secured to front posts



Chair restraints and client restraints are not supplied but can be obtained from Unwin Safety Systems. They should always be used in accordance with instructions supplied with the restraints

A range of wheelchair tie downs to suit your vehicle may be found on the Unwin Safety Systems website by following the link on the Sumed website (www.sumed.co.uk) or typing the details below in to a web browser:

http://unwinsafety.com



We recommend that chairs are forward facing during transportation in a vehicle and that all straps and brackets are used

The lap belt, with steel quick release mechanism attached to your chair should be loosely fitted.

Your wheelchair should be secured front and back using the appropriate restraints through the brackets front and back. They should be tightened in accordance with the manufacturer's instructions.

Three point patient restraints should be used and threaded inside the back posts, straps should be tightened and adjusted in accordance with the manufacturer's instructions.

#### 5.3 Maintenance of your wheelchair

#### Before using:

- Check that the brakes are working correctly. Do not use the chair if the brakes are not working
- Check for damage to the wheelchair
- Check the tyres for damage

#### Monthly:

- Lightly oil all of the moving parts with one or two drops of light machine oil (the ball bearings in the wheels on both sides are sealed and do not need to be greased)
- Check all screws and bolts for tightness

### Owner's Manual



fig.32



Regularly clean your wheelchair using warm water and soap solution, or a commercially available cleaner. Clean the plastic parts with commercially available cleaners. The seat and back rest cover should be cleaned using warm water and soap solution, or commercially available cleaning agents.

To remove stubborn stains use a commercially available stain treatment. Check suitability of cleaning agent prior to full cleaning by testing a small area of fabric for colour fastness.

The wheelchair can be disinfected with household disinfection agents.



Maintenance, adjustment and repairs may only be performed by authorised professionals

#### 5.4 Technical data

Seat width: Adjustable (New seat canvas may be required)	50 - 53 - 56 - 59 - 62 - 65cm		
Seat height: Adjustable	52.5 - 50 - 47.5 - 45 - 42.5cm		
Seat depth: Adjustable	42 - 44 - 46 - 48 - 50cm		
Back rest height: Adjustable	36 - 38 - 40 - 42 - 44 - 46cm		
Overall width: Adjustable	Seat width + 20 (+ 22 for DB) cm		
Overall height: (= Seat height + back height + 2cm)	From 80.5cm to 100.5cm		
Total length with foot rests:	108cm		
Total length without foot rests:	86cm		
Weight with AR, FR, PU-wheels:	20kg		
Weight with AR, FR, DB, PU-wheels:	21kg		
Shipping weight without AR, FR, rear wheels.	14kg		
Transit chair complete weight	22kg		
Transit chair without AR and FR	17kg		
Load capacity Max.:	185kg		
Material:	Frame and cross strut made from high- strength aluminum alloy, powder coated		
Back angle:	10.6 °		
Seat angle:	2.9 °		

AR = Arm rests • FR = foot rests • DB = drum brake





### warranty

Five years warranty on crossbar and frame (other parts 2 years for manufacturing defects). In case of complaint please send us your justification (within the warranty period), stating your full complaint and quoting model name, frame number and the delivery date.

To obtain the model name and the frame number please refer to the name plate on the left hand side of the frame (see fig. 30).

#### Caution:

Failure to follow the owner's manual, as well as incorrectly performed maintenance, technical changes or modifications without the consent of Sumed International (UK) Ltd., will void both the warranty and product liability in general.

#### Note for re-use:

The wheelchair is suitable for re-use.

The wheelchair should be cleaned and disinfected by the distributors and checked for damage prior to being released and all safety and technical information must be reissued with the wheelchair.

WARRANTY					
Model name:					
Frame No.:	Delivery date:				
Supplied by:	Dealer Address:				
Sumed International (UK) Ltd. Integrity house Units 1-2 Graphite Way Hadfield Glossop Derbyshire SK13 1QH					



# notes