

User Guide

Pandhōra

MADE FOR YOUR HEALTH



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1 General Info

1.1

Engineering and innovation are key values of Pandhora S.R.L., and we are able to pursue these new ideas thanks to the professionalism and daily commitment of our team.

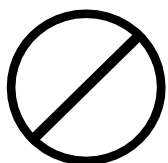
We carefully study new solutions to offer innovative and technically advanced products with the goals of practical and elegant design, high comfort and reliability. We believe that continuous research and a multidisciplinary approach are key in order to meet these goals. We exist to serve the needs of our customers.

1.2 Symbology

When reading this manual, you may see these important symbols:



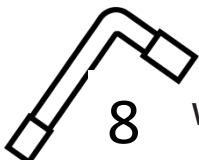
This symbol indicates that you must take special care to avoid damage to things or people, breakages, or dangerous situations in general.



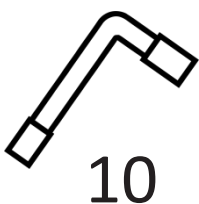
This symbol indicates actions or procedures to be avoided absolutely



General information to improve usage.



Essential tools: it is necessary to have a 8 mm pipe wrench for bolts



Essential tool: it is necessary to have a 10 mm pipe wrench for bolts.



Essential tool: it is necessary to use a hexagonal Allen key for screws with 5 mm hexagonal cable.



Essential tool: it is necessary to use an allen key for 6 mm hexagonal screws.

1.3 Features of the wheelchair

The Pandhora PEVO is a lightweight wheelchair with an attractive design and is intended to serve dual functions

The Pandora PEVO is constructed from high-grade materials and its soft lines are designed to have elegance when in motion.

A wide range of accessories allows you to customize the Pandhora PEVO to make it personal to you.

The bearing structure was designed to be robust and elegant and has been developed to withstand high stress, making the Pandhora PEVO very sporty.

The Pandhora PEVO's MULTI-SEATING option allows the user to adjust the seat and seated posture quickly and simply, thanks to the patented backrest.

1.4 Usage



The Pandhora PEVO wheelchair is a self-propelled model, so motion is created manually by pushing the handrails of the rear wheels. This can have a rehabilitative effect and keeps the user active, making the PEVO suitable for a wide range of users with different requirements.

The PEVO can be used safely both inside and outside, including with the full range of accessories and configurations. In the case of users with a serious reduction in physical ability it is always recommended to use the wheelchair with the presence of a carer. The PEVO is not recommended for use on particularly rough terrain such as mountain paths, sandy soil, acidic environments, or on slopes greater than the safe working angle.

The PEVO is suitable for teenagers and adults.

1.5 General recommendations

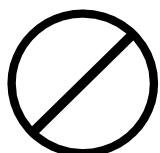


Before you start using your wheelchair, we recommend that you read the instructions carefully, paying particular attention to the chapter dedicated to safety.

2 Safety



The Pandhora PEVO wheelchair is a medical device. For this reason it is strictly forbidden to give others your own mobility aid, even if only temporarily.

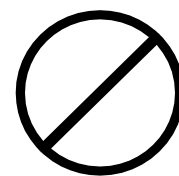


It is forbidden to make modifications to the wheelchair without the approval of the original manufacturer. Altering the design of the wheelchair may create stability and resistance problems resulting in danger for the user.



FAILURE TO FOLLOW ALL INSTRUCTIONS IN THIS USE AND MAINTENANCE MANUAL AUTOMATICALLY EXCLUDES THE COMPANY FROM ANY RESPONSIBILITY AND INVALIDATES IMMEDIATELY ANY WARRANTY PROVIDED WITH THE WHEELCHAIR AND PERMITS PANDHORA SRL TO BRING CHARGES DIRECTLY ON THE END USER TO SETTLE ANY COMPENSATION OR DAMAGES.

2.1 Movement: getting into and out of the wheelchair



When transferring into or out of the wheelchair, **do not place the feet on the front platform**. This could result in the tipping forward of the wheelchair with possible damage to the user or anyone nearby. Getting into or out of the wheelchair should always be treated with extreme caution, even by experienced users, and must only be done after receiving instructions from a qualified consultant. Always seek assistance from a carer if required. Only work within your capability and degree of autonomy.

General guidance for safe and secure transfers:

Place the wheelchair on a flat, dry, solid surface. Avoid transferring on sloping ground, soil or particularly rugged terrain that may make the wheelchair unstable and potentially cause the user to fall and the wheelchair to overturn.

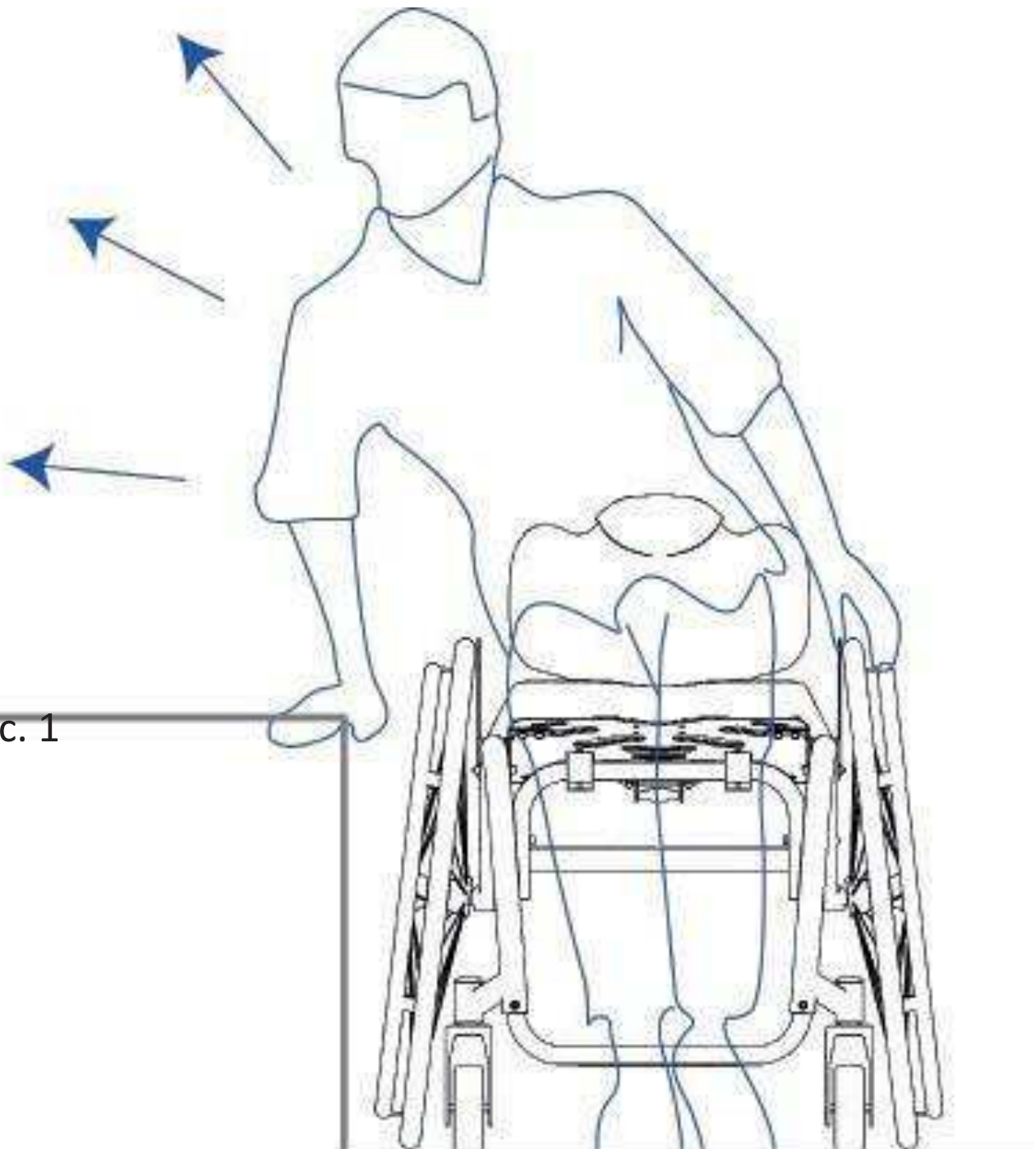
Apply the brakes on the wheelchair (see chapter 5.7 “Locking and Unlocking the Brakes”).

If required, lean on stable nearby object. If possible, use your arms to support yourself while lifting and moving

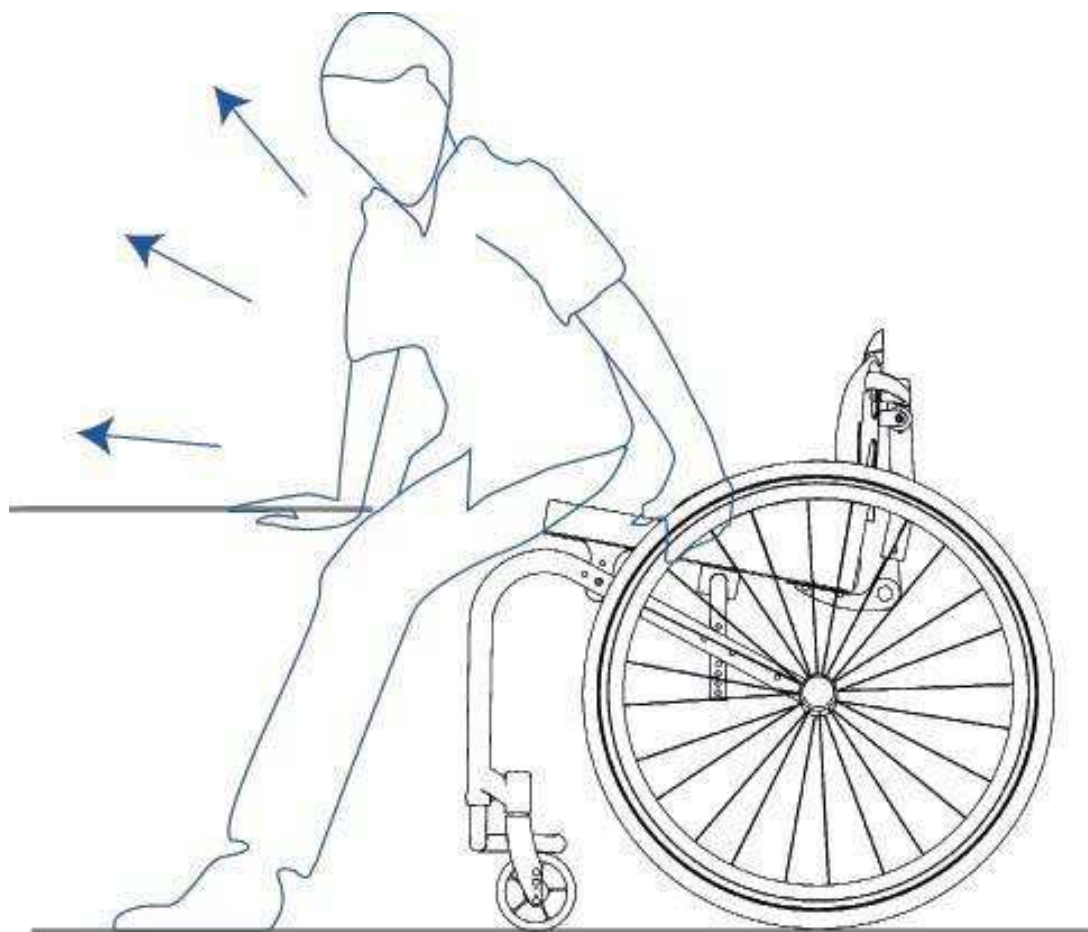
(see pic. 1, 2).

If the user is physically unable to move alone, or if in a problematic environment, use the help of a carer

(see pic. 3).



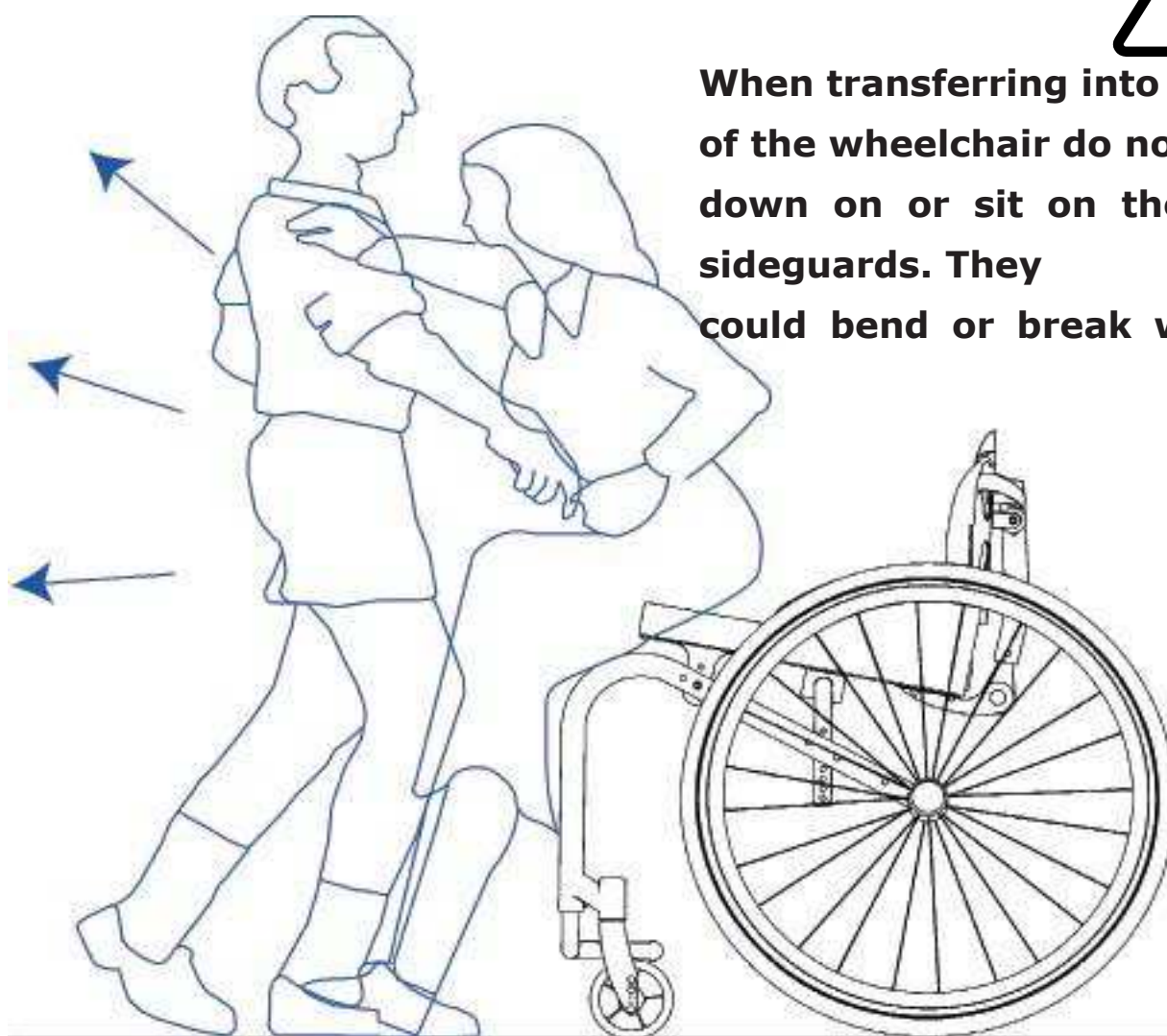
Pic. 1



Pic. 2



When transferring into or out of the wheelchair do not push down on or sit on the wheel sideguards. They could bend or break with the



Pic. 3

2.2 Start using the wheelchair

The PEVO is an active wheelchair designed for people with physical disabilities who may wish to perform intense external activity. It is ideal for indoor locations (at home or at work) and outdoor leisure, but requires that the ground/area is solid and not slippery.

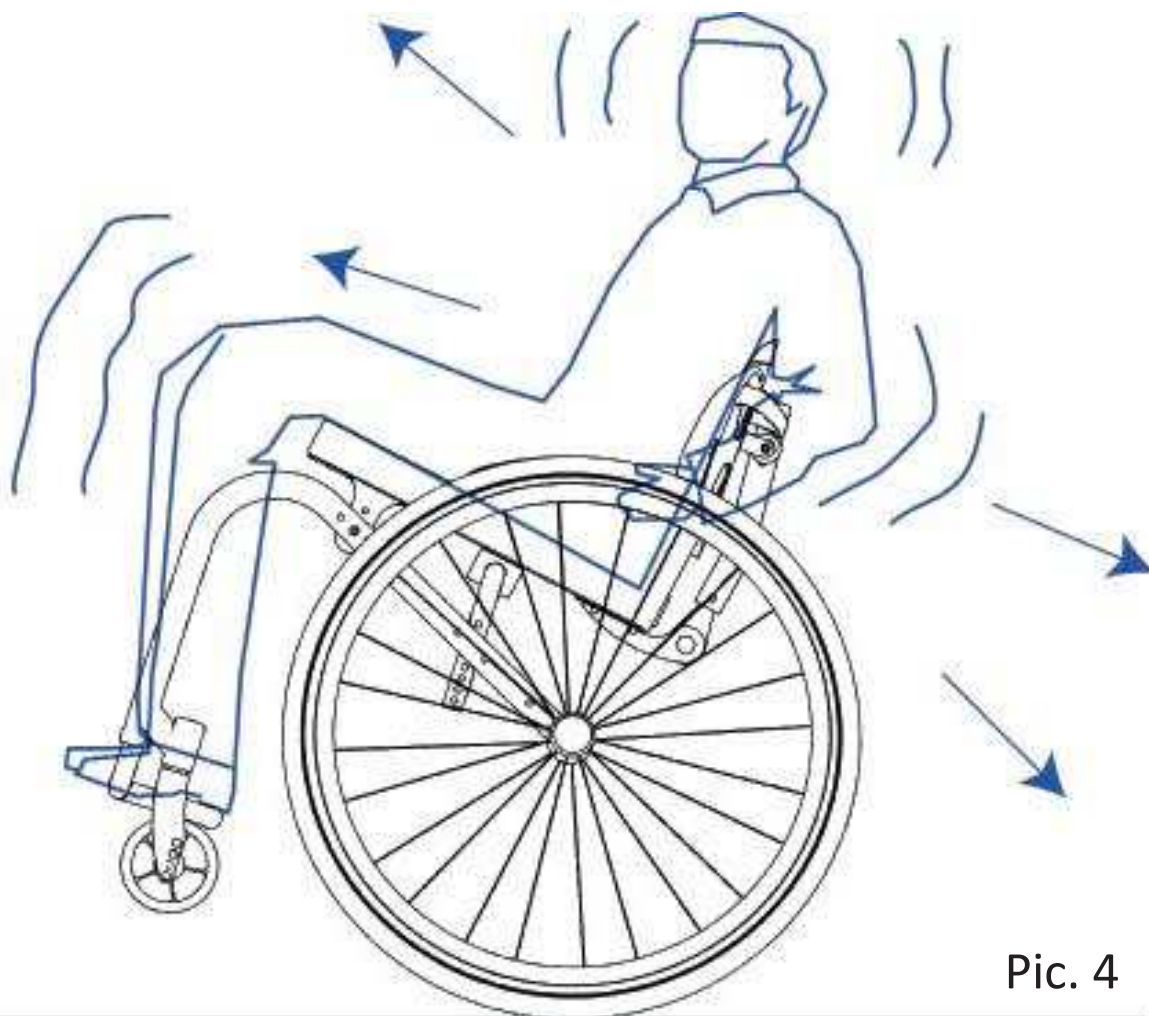


To find the tipping point, a carer or consultant must always be present, and must be positioned just behind the wheelchair to prevent it from tipping completely.

To determine the tipping point and therefore understand the safe limits of your manoeuvres, proceed as follows (see pic. 4):

You are sitting in your wheelchair. Move forward strongly holding the handrails of the rear wheels. With as light pulling back of the handrails while shifting your body weight back, the front of the wheelchair will rise up.

As soon as the front wheels begin to rise, quickly push your bodyweight forward and reverse push on the handrails in order to keep the tip under control. This will allow you to find the tipping point.



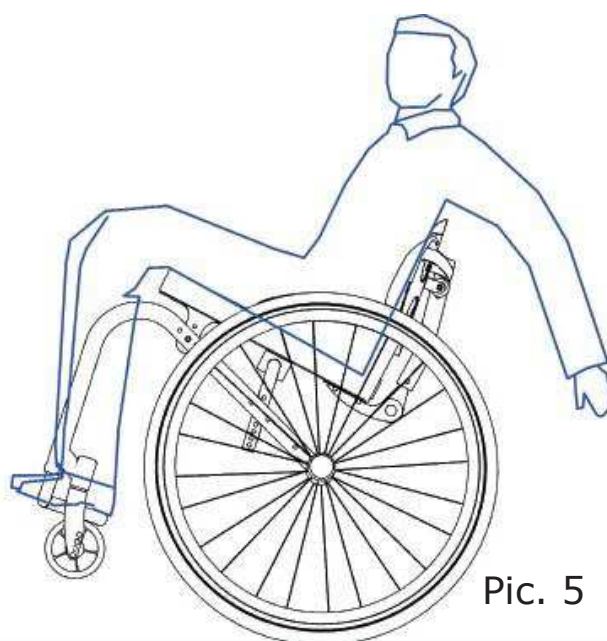
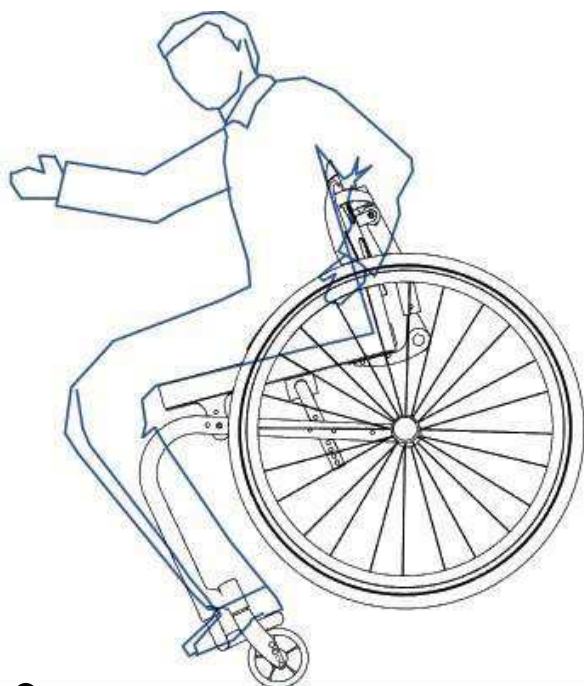
Pic. 4



TO PREVENT TIPPING OVER DURING THE NORMAL USE OF THE WHEELCHAIR IT IS RECOMMENDED TO INSTALL THE AN- TI-TIPPING SYSTEM SUPPLIED AS AN ACCESSORY ON THIS MODEL. (See chapter 6.4)

2.3 Negotiating Objects

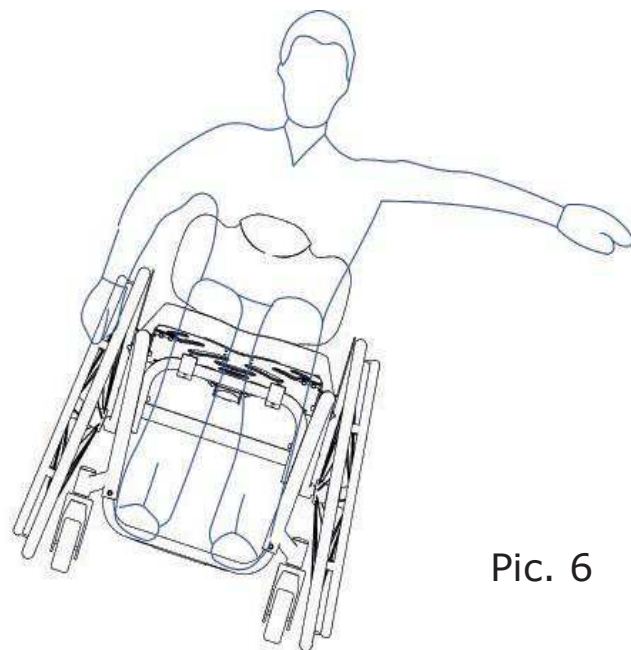
Do not reach down so far forward, sideways or backward to pick up or place objects: there is a risk of tipping or loss of balance of the wheelchair, especially if the wheelchair has been configured with a reduced width or if the seated position is high. (see pic. 5). The risks include.



Pic. 5



- Overturing in case of reaching Forward.
- Loss of balance in case of reaching toward the side;
- Overturning in case of reaching for an object placed behind the backrest. (see pic. 6).

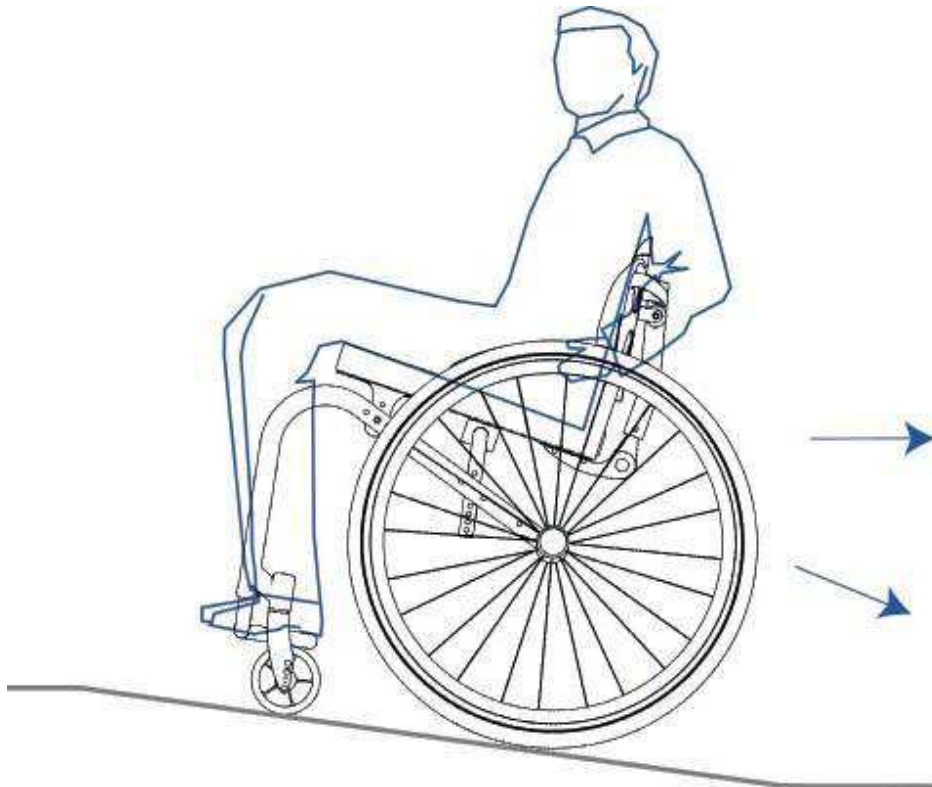


Pic. 6

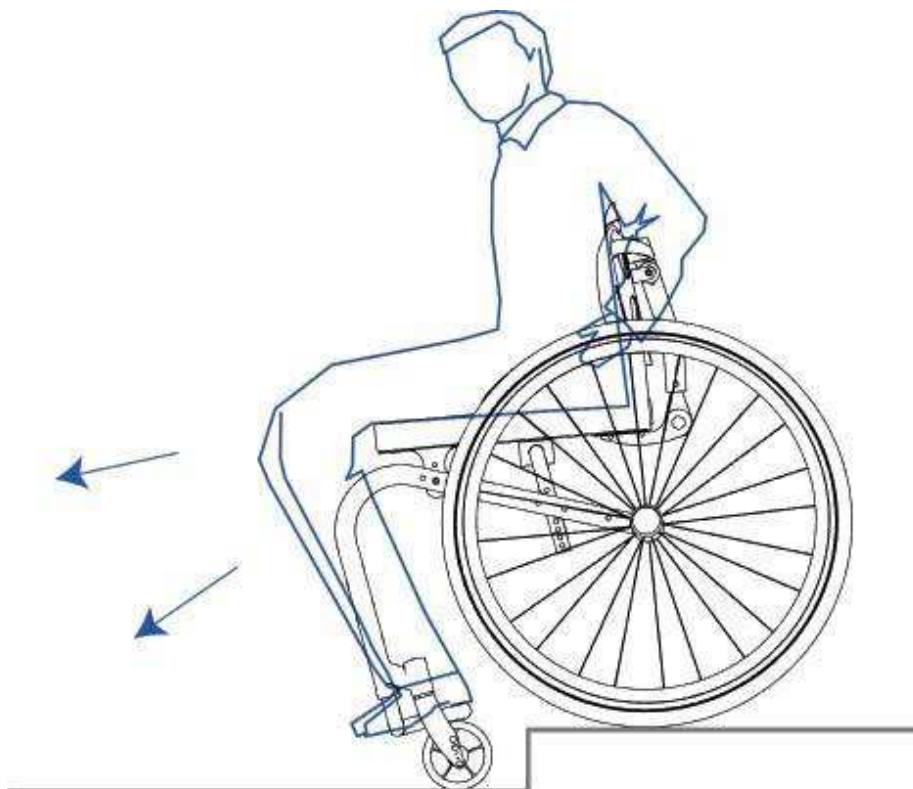
2.4 Pavements



Be careful - before you manoeuvre down a kerb by yourself, you need to properly evaluate the height of the kerb. If it is too high, there is a risk of tipping over. (see pic.7, pic.8).



Pic. 7



Pic. 8

2.5 Ascent and Descent-stairs and Steps

To climb up a step, tilt your upper body forward; for descents, instead, lean back into the backrest and brake the wheelchair with the handrails. In case of climbs with a slope of more than 1%, it is recommended to get assistance from a carer.



In the case of a climb, it is dangerous to carry heavy bags, especially in seatback pockets. Danger of tipping.

We recommend for your own safety use the help of two people to ascend and descend difficult stairs or steps. For the descent the wheelchair must be rolled on the big rear wheels and accompanied step by step.

For the ascent, turning your back to the step or steps, the person assisting must pull the wheelchair from behind step by step.



If the wheelchair is lifted, there is a danger of over- reach and fall.

2.6 Narrow openings



When you manoeuvre through narrow areas such as building entrances, doors etc., be careful not to knock your elbows - danger of injury o.

2.7 Use in lifts and elevators



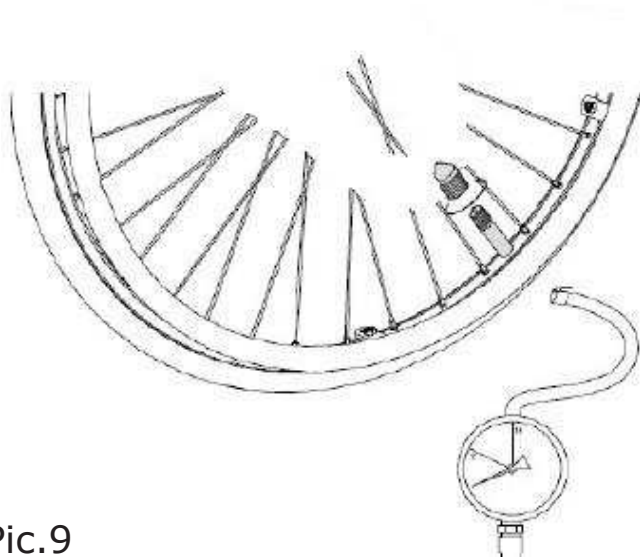
Elevators and lifts are particularly dangerous for the user. Automatically closing doors involve the risk of causing injury to hands!

2.8 Tire Pressure

To ensure the correct braking and coasting characteristics of the wheelchairs, it is necessary that the tires are always well inflated.



- Remove the plastic cap covering the valve with your fingers (see pic. 9)



Pic.9

- Use an appropriate compressor or pump to add pressure to the inner tube until the correct value is shown (see table 1 or value reported on the wheels).
- Replace the plastic cap.



Check the correct tire pressure every week, according to “table 1”. An inadequate pressure (especially if the pressure is low) causes an incorrect action of the parking brakes on the wheel, which can cause them to fail to stop the wheelchair.

TIRE TYPE	PRESSIONE	
Anti Puncture Marathon Plus	10 BAR	1000 kPA
High Pressure	7 BAR	700 kPA
High pressure reinforced	7 BAR	700 kPA

Tabella 1

2.9 Quick-Release wheels



Check the correct insertion of the rear wheels studs without any person sitting in a wheelchair. Release the parking brakes. Lift the rear wheel from the ground using the handles on the back of the wheelchair. Hold the rear wheel hub, taking care to insert fingers between the spokes. Push and pull the wheel (as indicated by the arrow) for proper insertion



Checking the rear wheels studs is one of the procedures that the user should perform periodically.

A wrongly inserted stud could cause the unthreading of the studs from the rear wheel, causing the subsequent overturning of the wheelchair and possible injury to the user. (see pic. 10).

Pic. 10



2.10 General maintenance



After each operation, tighten all screws and nuts. The daily use of the wheelchair can cause a loosening of screws and nuts. It is advisable to check at least once a month the correct location and tension of all screws and bolts across the wheelchair and if necessary request the assistance of authorized (Pandhora approved) personnel for maintenance of the wheelchair

2.11 Expected lifetime of the wheelchair

Expecting that the wheelchair will be used every day and therefore will be subjected to stresses that cause an inevitable attrition of the parts, on average the wheelchair has an expected product lifetime of 5 years. This expected lifetime can only be achieved with correct use and a proper maintenance.

2.12 Prevent accidents

Movements

When using the wheelchair avoid high stress movements because this could cause the wheelchair to overturn. In case of obstacles or gradients, avoid sudden manoeuvres (e.g. sudden braking) as the danger of slipping increases on wet surfaces or uneven terrain.

Overcome obstacles like steps or thresholds with caution (get help from an attendant). For added safety it is recommended to only move on inclined planes or areas deemed dangerous in other ways with a guide present behind the wheelchair.

Speed of Use

Always adapt the speed of the wheelchair use to the circumstances and conditions of the moment. It is generally recommended to keep speed consistent and to avoid acceleration or sudden changes in direction

Use of brakes

The pressure brakes are designed to immobilise the wheelchair when stationary.



For safety reasons we do not recommend using the brakes while in motion. Be careful when using braking devices to avoid injury to hands and fingers

3 Transport by car or other means of transport



The wheelchair should never be used as a seat when you use a car or another means of transport. Disassemble the wheelchair (as specified in the instructions for use) and put it inside the car, or place it in such a way as to avoid accidents in case of sudden movement. Occupy a suitable place inside the car or the means of transport and fasten the seatbelts. (see pic. 11)



Use extreme caution when transporting the wheelchair. If required, seek instruction from the experienced and specialized staff at our authorized dealers. If transporting the wheelchair appears to be risky or complicated, it is appropriate to request the help of a companion.

3.1 Transport with the presence of a companion



Pic. 12

If the user's disability or physical strength does not allow for autonomous moving and loading of the wheelchair, it is advisable to ask for the help of a companion. (see pic. 12).

- Release the parking brakes and remove the rear wheels (see Chapter 5.6)
- Lower the backrest (see paragraph 5.2 "Closing the Backrest"). Take the wheelchair with one hand on the front frame and with the other on the rear frame (to make lifting less strenuous)
- Lift the wheelchair into the car (ideally in the car trunk or between the front and rear seats)
- Load the rear wheels

3.2 Load the wheelchair independently



Pic. 13



The following operations are indicated for independent people with sufficient strength to perform all the processes independently and safely.

- Move closer to the point of ascent (driver's seat).
- Brake the wheelchair with brakes and transfer into the vehicle.
- Release the parking brake of the wheelchair and remove the rear wheels.
- Lower the backrest, take the wheelchair with one hand on the front frame and the other on the rear frame (to make lifting less strenuous) and lift the wheelchair into the car.
- Finally load the rear wheels separately (see pic. 13 and 14). Infine caricare le ruote separate. (vedi fig. 13 e fig. 14).

4 Separate Part Description



- 1 Clothing guards
- 2 Adjustable backerest
- 3 Seating
- 4 Wheelchair frame
- 5 Parking Brakes
- 6 Pushing handles
- 7 Anti-tip
- 8 Rear wheel tire
- 9 Ring handrails
- 10 Quick release pin
- 11 Front fork
- 12 Front wheel
- 13 Adjustable footrest

5 Using the wheelchair

5.1 Use

The Pandhora PEVO wheelchair falls within the rigid frame category. Thanks to its light weight, adaptability and configuration it is indicated for daily use by active users and by users with serious illnesses; for indoor and outdoor use. (see pic. 15).



Do not adjust the wheelchair when situated on uneven ground. Once adjusted, use caution and avoid sudden acceleration or braking.



The maximum possible slope in order to avoid backward tipping is 3° (6%).

The maximum load supported by the Pandhora PEVO wheelchair is 120 kg.

5.2 Closing the backrest



Perform this operation taking care that the fingers and hands do not go between the back tube and the side guards during the closure of the backrest - it is better to grip the push handles. (see pic. 16).

- Remove the pillow or soft supports on the seat.
- Push the lever under the rear of the frame.
- Hold the backrest with the handle and prepare to guide the backrest forward.



Pic. 16



Pic. 17

Press the back button and push the backrest forward. (see pic. 17, 18 and 19).).



Pic. 18



5.3 Opening the Backrest

Perform this operation taking care that the fingers and hands do not go between the back tube and the side guards.

- Push the lever under the tubular frame from the inner side.
- Rotate the backrest backward to the desired position.
- Place the pillow or soft supports on the seat.



Before using the wheelchair, always check that the backrest is open and locked.



Pic. 20

Press the front button and push the backrest back.
(see pic. 20 and 21)



Pic. 21



Pic. 22

To lock it in the open position, press the rear button.
(see pic. 22 and 23)



Pic. 23

5.4 Opening and closing of the double pipe backrest wheelchair

The backrest can be closed in the presence of a cushion or in absence (to facilitate transport)

Closing mode with pillow

1. Pull the strap at the back of the backrest and then guide the back towards the seat by resting your hand on handle or by grasping the comfort push handles. In this mode it is not necessary to remove the cushion



Pic. 24



Pic. 25



Pic. 26

2. Fold the backrest forward until it locks, ie when the spring-loaded pin will snap into the first seat.



Pic. 27



Pic. 28

3. it is therefore possible to lift the wheelchair from the handle.

Closing mode without cushion

1. Remove the seat cushion



Pic. 29

2. Pull the strap at the backrest and then accompany the backrest and then accompany the backrest towards the seat, resting your hand on the handlebar or grasping the comfort push handles



Pic. 30

3. Fold the backrest forward until it locks, ie when the spring-loaded pin clicks in to second seat.

Pic. 27

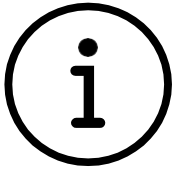


Pic. 28



3. It is therefore possible to lift the wheelchair from the handle

5.5 Lifting the wheelchair



It is advisable, in order to decrease the effort to perform this action, to reduce the wheelchair to a minimum configuration so as to have less weight to lift. The wheelchair can be lifted and transported in different ways.

We recommend:

- Remove the rear wheels to decrease the weight (see Chapter 5.5 “Quick extraction of rear wheels”).
- Close the wheelchair to get a better balance during the lifting (see Chapter 5.2 “Closing the Backrest”).
- Grasp the wheelchair on the back of the seat with one hand and the front frame with the other hand.
- Lift the wheelchair.

5.6 Fast rear wheel extraction

This allows the rear wheels to be removed practically and quickly.

This may be used to facilitate transport by car or when negotiating narrow passages..

Remove the wheel

- Release the brakes.
- Slightly lift the wheel of the wheelchair from the ground.
- Grasp the wheel by the spokes around the hub, press the pin button with your thumb and pull outward (without releasing the pin). (see pic. 24)

Pic. 24



Attach the wheel

- Release the brakes.
- Slightly lift the wheelchair off the ground
- Grasp the wheel by the spokes around the hub, press the pin button with your thumb and without.
- Release the pin button to lock the wheel



Make sure that the quick-draw pins are fully seated. Always test by grabbing the wheels for the hub and pulling away from the frame. If the wheels move away from the frame they are not correctly attached.

5.7 Locking and unlocking the brakes

Lock the brakes

Push the lever forward if 'push-to-lock' brakes are used. Pull the lever backwards if 'pull-to-lock' brakes or 'scissor brakes' have been mounted. (See pic. 25, 26, 27, 28).

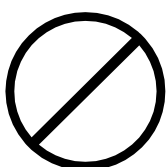


Release the brakes

Pull the lever backwards if 'push-to-lock' brakes are used. Push the lever forward if the 'pull-to-lock' or 'scissor brakes' have been fitted. (see pic. 29, 30, 31, 32).



Pressure Brakes work by applying leverage directly onto the tires. For this reason the effectiveness of the brake depends on its correct positioning and the correct air pressure in the tires.



The brake is a safety device and should not be used to brake the wheelchair during the motion, as it could cause the vehicle to overturn.

5.8 Push handles (patented)

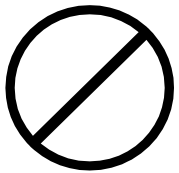
Pandhora PEVO wheelchair is equipped with an innovative and patented system that replaces the usual rigid push handles with customizable nautical bands (which are practically indestructible). In this way the weight of the wheelchair is further reduced and also have zero footprint.

It should be noted that these innovative push handles avoid common inflammation of the wrist due to incorrect position while pushing the wheelchair. Force is distributed directly on the forearms, greatly reducing effort. (see pic. 34).



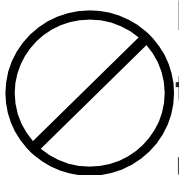
6 Settings

Pandhora PEVO wheelchair is a medical device designed to meet the needs of the individual user.



The wheelchair should not be used by anyone other than the owner/intended user.

The wheelchair has been designed specifically for the purchaser and only for this user - stability, handling and resistance characteristics are guaranteed only for this person. Allowing another person to use the wheelchair might cause the wheelchair to become unstable with unpredictable consequences that could lead to the wheelchair tipping over with serious consequences for both the wheelchair and the user.



Do not make any changes to the design or set up of the wheelchair. All the possible adjustments the user is permitted to make are provided in this chapter but must only be carried out for the purpose of “maintenance” i.e. restoring the original characteristics (The ones with which the wheelchair was provided).

For special needs or changes you should always directly contact Pandhora S.R.L. and its technicians, to evaluate the changes and to verify that they do not compromise the normal, safe use of the wheelchair.

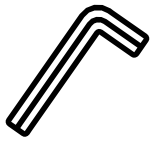
Changing the original parameters and configurations can seriously compromise the safety of the wheelchair, causing damage to both the wheelchair and its user.



At the end of each adjustment made to the wheelchair, scrupulously check that all parts are well fixed (check the closing of screws and bolts and the smooth functioning of the moving parts). Always run a test after each adjustment before resuming the usual use of the wheelchair, if possible in the presence of a competent companion or carer.

Have the wheelchair checked at least once every 4 months by staff qualified and authorized for the maintenance of Pandhora S.R.L. products.

6.1 Adjusting the backrest height



You can adjust the height of the backrest upward and downwards in 1.5 cm steps. (see pic. 45)

The steps are as follows:

- Using an allen wrench (hex key) and an M6 ten 10 mm pipe wrench, remove the bolts with their nuts and washers.
- Place the backrest at the preferred height.
- Re-insert the bolts into the hole at the selected height, including saddle washers.
- Using an allen wrench (hex key) and an M6 ten 10 mm pipe wrench, screw in the bolts and nuts.



6.2 Backrest inclination adjustment

Pandhora PEVO has a backrest with continuous adjustment from 0° to 300° (patented) and adjustable with a simple click. Press the lever in the direction you want to move the backrest. The same process should also be used when you want to completely tear down the backrest for transport. (see pic. 46)

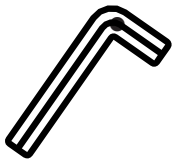
Fig. 46



6.3 Adjusting the footrest height

The Pandhora PEVO wheelchair is equipped with an adjustable footrest. This adjustment serves to vary the distance of the footrest from the seat plate to allow proper sitting.

The tube of the footrest has a series of holes that, coupled with the hole in the frame of the wheelchair, allow height adjustment of the footrest.



Remove the two bolts (A) with an allen key for M5 bolts and two M5 nuts with a pipe wrench

- Slide the footrest tube up or down until you reach the desired distance.
- Match the holes on the frame with those on the footrest tube (B) and with the bushings.
- Insert the bolts, close firmly and tighten nuts

(See pic. 48).



Fig. 48

6.4 Anti-tip adjustment

This accessory has been designed to prevent the wheelchair from tipping over backwards. For good operation the anti-tip wheel should be set at a distance of 2-3 cm from the ground.

The anti-tip wheel can be removed entirely if there is a need.

To remove the anti-tip wheel press with your thumb on the spring plug-tip and pull the anti tip post out of its socket. (see pic. 50).

Alternatively to avoid having to remove the anti tip entirely, the anti-tip can be rotated into horizontal position. (see pic. 51)



Fig. 50



Fig. 51



Hold the anti-tip tube and pull it outwards. (see pic. 52 e 53).





Fig. 54

Hold the anti-tip tube and pull it outwards.
(see pic. 53 e 54).



Fig. 55

Rotate the tube up to
when the pin does not
will enter the new entry
point
(vedi fig. 55 e 56).

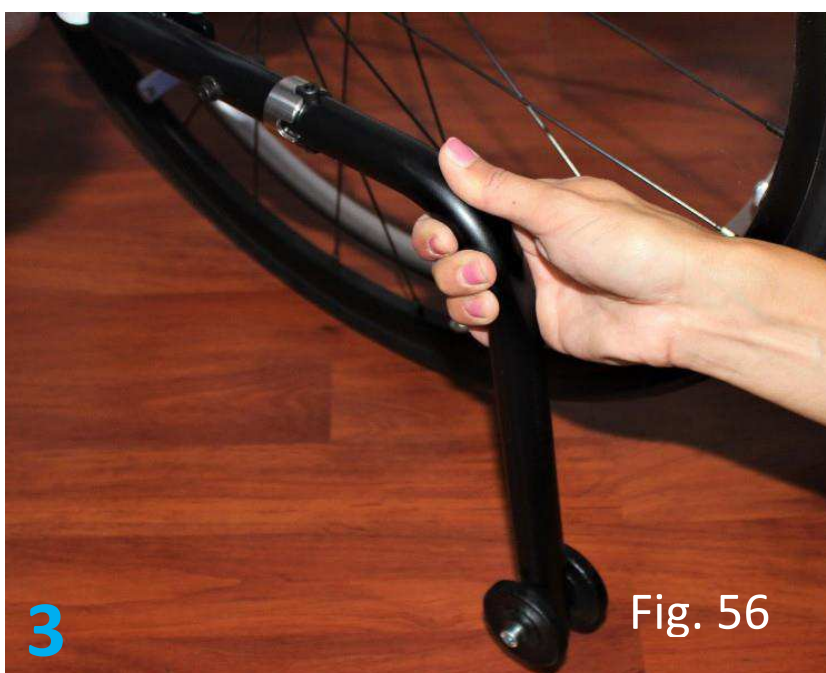


Fig. 56

6.5 Adjusting seat height

You can adjust the front and rear seat height by varying the angle of the seat.



Using an allen wrench for M6 bolts (hex key) and M6 nut with a pipe wrench, remove the bolts with nuts and washers.

- Move the seat to the desired height by aligning the holes in the front tube frame with those found on the fins.
- Insert the bolts with nuts and washers and tighten
- Repeat the same procedure for the rear.

In the same way it is also possible to move the seat closer to the rear wheel axles, adjusting the Center of gravity (CoG).

Moving the location of the seat closer to the CoG makes the Chair easier to tilt and more “reactive” for more active users. Moving the location of the seat further away from the CoG makes the chairs less easy to tilt and suitable for users who need more stability and security. (see pic. 57.58).



Fig. 57



Fig. 58

6.6 Damping seat adjustment

The Pandhora PEVO is equipped with adjustable cushioning. Moving the seat tube forward increases the decline, thereby increasing the level of damping. By placing the tubular seat in the most backward position the flexion decreases until it becomes imperceptible.



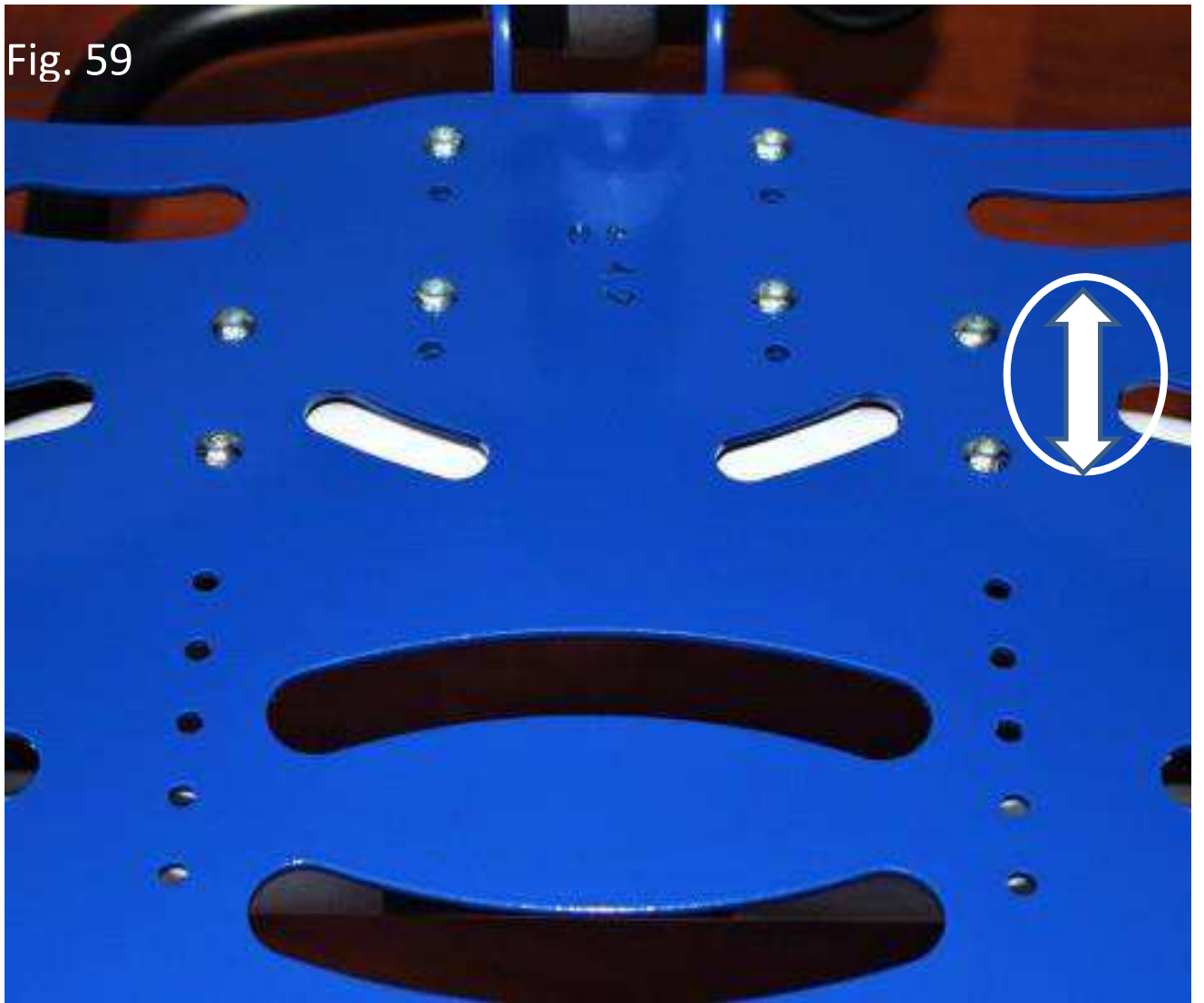
You should be very careful when adjusting the damping/cushioning. The seat must not have a reduction greater than 15mm. Adjustable only by qualified personnel.



Using an allen wrench for M6 bolts (hex key) and M6 nut with a pipe wrench, remove the nuts and bolts for each of the collars.

- Move the clamps that hold the tire into place, aligning the holes on the seat with the holes of the collars
- Using an allen wrench for M6 bolts (hex key) and M6 nut with a pipe wrench, reinsert the nuts and bolts for each of the collars and tighten (see pic.59)

Fig. 59



6.7 Adjusting the backrest distance

The distance to the backrest can be adjusted in one easy step, and allows about 15 mm of travel behind the plate that supports the back.

Changing the positioning is very simple:



5

- Using an allen wrench (hex key) for M5 bolts and an 8mm pipe wrench for M5 nuts, remove the bolts and their nuts.
- Move the plate to the desired position, aligning the holes in the plate that holds the back with those found on the seat.
- Using an allen wrench (hex key) for M5 bolts and an 8mm pipe wrench for M5 nuts, replace the nuts and bolts and tighten. (see pic. 60)



6.8 Adjustable of the rigid tensionable backrest

Duble pipe with comfort push handles



Fig. 61



Fig. 62



Fig. 63

Description of separate pieces



Fig. 64

- 1 Adjustable backrest
- 2 Backrest cover
- 3 Double with tubular handles push comfort
- 4 Tensionable bands

Adjustable backrest with tensioning belts

Below are the procedures to be carried out so as to allow the user to be able to adjust the tensionable cushion according to his own needs.

- Remove the backrest cover ,composed of a multilayer ski

Fig. 65



- Adjust, the depth using the different tensioning bands and the stiffness of the backrest according to one's needs.



- Replace the multilayer cushion.



ATTENTION The Velcro strap must be adjusted so that it is not loose. If the straps are not correctly tightened, there is a risk of tipping the wheelchair.

6.9 Adjusting the inclination of the double tubular backrest

The backrest can vary in inclination according to the user's needs. This change must be made by Pandhora specialist technician based on the technical data sheet filled out by the applicant. The variation of the backrest inclination must always be done by specialized technician



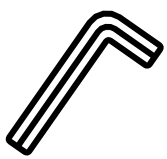
Backrest inclination angle

74°/78°/82°/86°/90°

Size and weight can vary re according to different configuration.

Fig. 66

The change of the positioning is very simple:



- Using an Allen key (hex key) for M5 screw and an 8 mm box wrench for M5 nuts, remove the screw and the respective nuts.

Pic.67



Pic.68



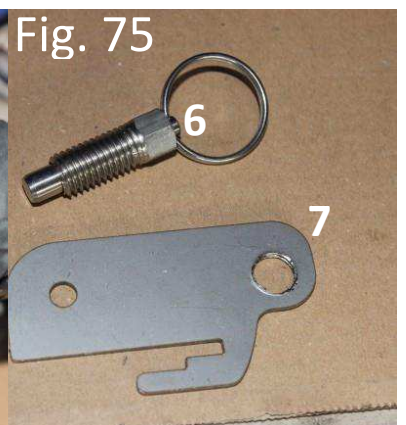
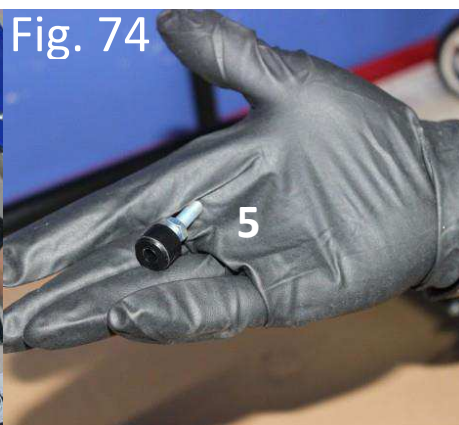
- Insert the component num.4 indicated in pic.69 inside the tube before inserting the plates 1 e 2.



- Place the two plates on the desired angle and insert the M5x12 screw and nuts together with the saddle washers, as shown in pic 71 and 72.



- Using an Allen wrench (hex key) for M6 screw and a 10 mm box wrench for M6 nuts, couple and tighten the two plates to the tube as in pic. 73. Then get components 5, 6 and 7 (see pics. 74 and 75)



- Assemble the components 6 and 7 with M12 nut and fix them to the backrest as in pic. 77, leaving a little plate-bolt play to allow easy opening and closing of the backrest (see pic. 76 and pic. 77).



Fig. 76



Fig. 77

- Screw component number 5 (see pic.74) to component number 4 (see pic.68) as shown in pic.78) Its function is to settle the backrest when it is open (pic. 79). Then tighten the nut according to the desired setting.



Fig. 78



Fig. 79

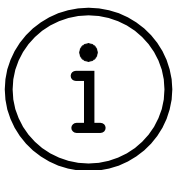
6.10 Brake adjustment

The parking brake is a very important element that requires an adequate adjustment in order to always guarantee good braking characteristics.

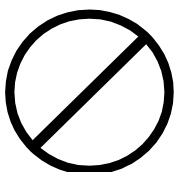
The Pandhora PEVO has been designed so that the brake is easy to adjust. The position of the rear wheel brake depends on the wheelchair's configuration..



Check for correct brake function by completing braking tests. Check for proper locking of the mechanism attachments by moving the brake lever energetically. If the brake support should move or slip during such tests, check the fastening of the bolts.



Proper functioning of the brakes also depends on the rear wheel tires being inflated to the correct pressure (refer to section 2.9 "tire pressure").



The parking brakes are designed to stabilise the wheelchair in a stationary position. For safety reasons it is not recommended to brake the wheelchair while driving using the parking brakes.



To maintain the correct positioning of the brakes:

- Using an allen wrench (hex key) for M6 bolts loosen bolts A and B on the brake support.
- Then position the brake in order to find the right set- ting.
- Fasten bolts A and B. (see pic. 61)
- Follow the same procedure for the other side...

Pic. 61



7 Maintenance

A periodical check of your wheelchair is essential to maintain maximum efficiency and durability. Thorough checks, repeated consistently, and proper use of the wheelchair (see chapters 2.0 “security” and 5.0 “riding the wheelchair”) will extend the working life of the wheelchair. Go for a check-up at an authorized dealer within 6 months from the date of purchase of the wheelchair



Go for a check-up at an authorized dealer within 6 months from the date of purchase of the wheelchair. Failing to do so can immediately void the warranty and relieve the company from any liability arising from possible faults or breakages.

Maintenance must be carried out once a year. We recommend that you complete a thorough check of the state of the bearings—sand, water and dust will damage them. Apply light bicycle oil without resins if required. Use warm water to clean the frame with washing and never use alkaline or acidic agents, or solvents.

The plastic prts should be cleaned with detergents specifically intended for this material. (see pic.62)

Repairs

For repairs you can trust your dealer Pandhora, who will be able to offer advice, support and repair services.

Spare parts

Spare parts are available through authorised dealers. For proper delivery of spare parts it is necessary to indicate the wheelchair identification number. The VIN (vehicle identification number) is located on the CE sticker marking; a silver sticker placed on the tube of the central frame. For safety reasons, only use spare parts and accessories authorized by Pandhora S.r.l.

Disposal

The packaging of the wheelchair can be recycled, where available. The metal parts can be removed and recycled. The fabric parts and plastics are also recyclable. Disposal must be carried out according to relevant national laws. Fig. 62



Declaration of conformity



Hereby the company Pandhora S.r.l. seat in: Piazza Giacomo
Matteotti n.7 cap 80133 Napoli (Na)
phone. & fax +39 089 8201504 E-mail : info@pandhora.it

sit

o www.pandhora.it

VAT nr. 02726920420,

registration number 02726920420, Chamber of Commerce

VAT nr. 02726920420-REA NA-1001063, with a responsible for design, manufacturing, packaging, and labeling.

This product is in the family of **super lightweight wheelchair**.

Ensures and declares

The product model **Pandhora PEVO** is manufactured with high quality materials and procedures in compliance with the essential requirements of **Council directive 93/42/CEE** concerning medical devices; meet in full the rules listed in annexes I and VII to Directive 2007/47 CEE and transposition of 25 January 2010, the Italian Decree Law 37 of that directive.

The product above is classed as NON-invasive class I medical devices as specified in annex IX and X to Directive CEE 2004/47.

It also declares that the product:

- There is a measuring instrument
- Is sold nonsterile

We declare that the product described above has been manufactured in compliance with technical procedures defined by the company and that all inspections and tests were performed.

Salerno, Italy,10/10/2017

WARRANTY

For the wheelchairs we manufacture, we provide a guarantee period of two years from the completion of the certificate of purchase. The guarantee is valid for products with manufacturing defects or malfunctions.

The warranty does not cover products which exhibit defects caused by carelessness or improper use.

Through our resellers you can obtain information about and quotes for repairs. For safety reasons, only use spare parts and accessories authorized by Pandhora. The use of spare parts and accessories not approved by Pandhora S.r.l. are reason for immediate forfeiture of the guarantee. In order to ensure the efficiency of the wheelchair, it must be kept clean, organized and maintained according to the instructions for use.

Attention:

We assume no liability for damage caused by the use of our wheelchairs when combined with any kind of part from other manufacturers (i.e. Unit trailer, electrical devices) that involve possibly relevant dangers unless a particular product has been expressly authorized in writing by the Pandhora S.r.l.

CONDITIONS:

- 1) the manufacturer covers the product with a warranty period of 2 (two) years from the date of delivery of the product stated on the warranty card located within this manual. This coupon must be completed and mailed within 15 days from the date of delivery, under penalty of forfeiture thereof.
- 2) During the warranty period, Pandhora S.r.l. undertakes to replace or repair free of charge all components of aid resulting in dysfunction for operating or manufacturing faults, provided that they are communicated directly to freight forwarder upon delivery.
- 3) For safety reasons use authorized spare parts and accessories, on pain of forfeiture of the guarantee.
- 4) The warranty does not cover:
 - Transport damage not reported directly to the shipper upon delivery
 - Damage to the wheels.
 - Repairs made by unauthorized centers.
 - Wear parts.
 - Damage caused deliberately by persons or things
 - Damage caused by intent or gross negligence of the

purchaser or an incorrect and improper use of the wheelchair

- Damage to third parties

5) the warranty does not include any shipping or call charges.

6) If you have any doubts or questions regarding changes, contact the manufacturer before taking any action

Pandhora S.r.l. is not required to communicate technical changes made to their products which are subject to change and updates if it considers them necessary.

The Pandhora S.r.l. declines all responsibilities, animals and third parties due to changes or misuse of the wheelchair..

Plate and Ce Marking

The Ce label (see picture) on the wheelchair can be found on the central part of the frame .

		Piazza Giacomo Matteotti n.7 80133 Napoli (NA) ITALY	
Mod.	PEVO	Nr° di serie/ serial Nr°	L1/ _ _ _ _
Carico Massimo/ Max Load	120 kg	Mese/anno di fabbricazione Manufacturing date	_ _ / 2017
Destinazione d'uso/ intended use		Carrozzina ad autospinta/ Self-propelled wheelchair	

WARRANTY COUPON

IMPORTANT NOTE: data/user information specified in this coupon will be treated in accordance with the regulations of the Act on the protection of privacy.

This warranty card must be completed and shipped within 15 days from date of delivery, under penalty of forfeiture thereof.

ASL/Reseller Name _____

Patient name/user _____

Address _____

Locality _____ State _____

ZIP Code _____ Phone _____

Aid art. N° _____ ISO Code _____

Freshman

_____ Delivery Date _____ Note: _____

Our help was recommended by:

Distributor/dealer's stamp

Date of sale

Date of
registration

SCHEDA TECNICA

PEVO



Superleggera e compatta, con telaio monoscocca in alluminio aerospaziale trattato termicamente.
Personalizzabile in colori e dimensioni, disponibili ampia gamma di accessori.
Pandhora S.r.l. si riserva il diritto di avere una tolleranza di +/- 10mm.
Peso: 5,9 kg (il peso va inteso per una taglia 38 senza ruote posteriori)
Carico massimo: 120Kg

Pandhora PEVO è riconducibile al codice normatore del SSN (Sistema Sanitario Nazionale):
12.21.06.060 (carrozzina a telaio rigido, codice dispositivo 1526564)
18.09.39.021 (unità posturale, codice dispositivo 1766751)
I codici riportati sono indicativi e a completa discrezionalità del medico prescrittore.

Traspirante



Maniglie di spinta
in nastro



BREVETTATO

Seduta
ammortizzante
regolabile



BRA



BRA variabile
da 0° a 360°



SW

cm	34	36	38	40	42	44	46
in	13-1/4	14-3/4	15	16	17	17-1/4	18

SD

cm	34	36	38	40	42	44	46
in	13-1/4	14-3/4	15	16	17	17-1/4	18



BRH

cm	32	34	36	38	40
in	12-1/2	13-1/4	14-1/4	15	15-3/4

KHL

cm	32	34	36	38	40
in	12-1/2	13-1/4	14-1/4	15	15-3/4

dipende da SHF

*alcune misure potrebbero non essere disponibili
poiché sono vincolate alla dimensione di SHF



SHF

cm	45	46	47	48	49	50	51	52
in	17-3/4	18-1/4	18-1/2	19	19-1/4	19-3/4	20	20-1/4

SHR

cm	37	38	39	40	41	42	43
in	14-1/2	15	15-1/4	15-3/4	16-1/4	16-1/2	17

dipende da SD