

Instructions for use
Platinum
Aluminium wheelchair
VCWK9ASZ
Edition EJ 06.2022

VITEA[®] CARE

Premium.

CE



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PLEASE READ WHOLE INSTRUCTION CAREFULLY BEFORE USE

1. Introduction

Thank you for choosing our product. We are deeply convinced that it will meet your expectations. Please read this document before first use. This manual was made in order to provide the necessary information on the safe use of the device. The correct application of the recommendations will contribute significantly to extend the durability and aesthetics of the product. We want to distinguish that to date we are trying to improve the quality of our products, which may result in minor changes that are not included in the manual.

2. Description of product



Illustration 1.

1. Headrest
2. Armrest
3. Rear wheel
4. Metal handrim
5. Brake lever
6. Cross-frame
7. Quick connect handle
8. Brake
9. Front wheel fork
10. Front wheel
11. Backrest
12. The side plate of the armrest

- 13. Seat
- 14. Footrest handle
- 15. Footrest frame
- 16. Footrest platform

Elements that should be inside the packaging:



Illustration 2. Two footrests



Illustration 3. Seat cushion



Illustration 4. Rely



Illustration 6. Wheelchair

3. Indications

The wheelchair is used in order to commute by people with disabilities e.g. after the spinal cord damages, cerebral palsy or various lower limb injuries, neuromuscular diseases, post-traumatic cranial cerebral or for geriatric patients.

It is also intended for people who want to actively and comfortably participate in everyday life.



4. Contraindications

Contraindications to a sitting position. Conditions that require stabilization of the upper spine and head. Patients with mental disorders should not be left unattended in the wheelchair.

5. Use

- After unpacking the package, check if it contains all parts in accordance with the list of elements set out above.
- Ensure that all components have no visible damage. If any doubts, please contact the manufacturer.
- Do not use the wheelchair until all parts are properly connected.

UNFOLDING THE WHEELCHAIR

- The wheelchair must be placed with rear wheels in front to You.
- Unfold handles by pulling them in opposite direction (Illustration 6.).
- Then place wheelchair with front wheels in front of you.



Illustration 6.



Illustration 7.



Illustration 8.

- Then push the seat frame until the complete unfolded wheelchair (Illustration 7.)



Illustration 9.

Frame
hanger



Mounting bracket
footrest

Illustration 10.



Footrest lock

Illustration 11.

- To install footrests hang footrest pin on the footrest hanger (Illustration 9; 10) Then rotate it into wheelchair front until it locks (You will hear click).
- Unfold the footrests platform.
- In order to remove the footrest, fold footrest platform. Then pull the footrest lock toward the wheelchair. Rotate the footrest outward and lift it up.



Illustration 12.

- Then fasten the backrest, in such a way that the pocket to be on the back side.
- The last step is to put cushions on the wheelchair seat.



6. Safety of use - WARNING!

- Before using the wheelchair refer to this manual and keep it for future reference.
- While getting on and out of the wheelchair, the brakes always have to be on!
- Before getting on or getting off the wheelchair, do not stand on the footrest, you must fold or completely set aside footrests first.
- Patients who require additional head stabilisation should drive the wheelchair only with assistance of a caregiver.
- Lifting the wheelchair together with the user is strictly forbidden!
- When moving through doors and other passages, make sure that on both sides there is enough space to avoid injury to the hands or damage the wheelchair.
- Using public roads, follow accurate traffic regulations.
- Like other vehicles, do not drive the wheelchair under the influence of alcohol, or drugs. This also applies to indoor riding.
- The wheelchair is not intended for patient transport on stairs, or pulling the patient on it. The construction of the wheelchair and its joining elements are not designed for such a large overload if it is used in this way. This can cause weakness or damage of the entire structure supporting the wheelchair and possible accidents!
- The wheelchair is designed to use indoors and outdoors only on hard and even surfaces.
- Using the wheelchair on an unstable surface (covered with ice, wet, greasy, sandy) is unacceptable- it causes risk of falling.
- You can only use the wheelchair on surfaces where all four wheels are touching the ground.
- To overcome architectural barriers (steep or long climbs, thresholds or curbs, etc.) help of caretaker is needed.
- If the user does not have sufficient experience in the wheelchair use, should ask caretaker for help with overcoming obstacles.

- o) Do not leave the wheelchair with the user close to open sources of fire.
- p) Be aware that the surface temperature of the upholstery and the frame parts may be increased after exposure to the sun or other heat source. Furthermore, with low temperatures there is a danger of overcooling metal parts of wheelchair. It may cause burns or frostbite parts of the body.
- q) In order to transfer wheelchair, grab the frame. Never transfer the wheelchair by grabbing the armrests or footrest.
- r) Never use the wheelchair as a seat for the transportation of people in cars, buses or any motor vehicles.
- s) The wheelchair is designed for people up to 125 kg.
- t) Wheelchair must be easy to fold and to unfold. In case of problems with folding, you should re-read the instruction or contact the manufacturer.
- u) Keep caution while moving on sloping surfaces. The maximum allowable slope angle up and down is 5%.
- v) Brakes cannot be slow down the wheelchair during ride, You should use them only to prevent the unintended movements.
- w) Both brakes should be properly adjusted. Incorrect setting one of the brakes, results with blocking only one rear wheel. On large slopes, it can cause difficulty to control the rotation the wheelchair around the wheel stopped.
- x) Regularly check the tire pressure. With too low tire pressure than recommended, the brake performance can be significantly reduced!
- y) While reaching objects, avoid excessive leaning out the wheelchair because it can cause a fall (to the side, front, back).
- z) In order to avoid accidental rolling off the wheelchair, always put on the brakes when the stroller is stopped, when patient get in, get off, while changing the position.
- aa) Do not leave the patient in the wheelchair (even with turned on both brakes) on the descents, ramps, landings, etc.
- bb) It is necessary to check after each wheel mount if wheel axle connector lock works properly. While mounting should hear "click" of the latch. Pull strongly the wheel to check if it is installed correctly.
- cc) Using the parking brake while driving may result with an accident with all its consequences.
- dd) After each wheelchair adjustment, it is always necessary to check the correct operation of the brake.
- ee) Oil, grease, water or other chemicals, may cause that brakes may have reduced effectiveness.
- ff) Strength of the breaking intensity may be reduced after long exploitation of the wheelchair. You are allowed to adjust breaks yourself. In order to do that you must loosen the screws locking the position of the break, move the mechanism of the break towards the wheel so that the wheel will not rotate when break will be on again (try the adjustment with the user sitting on the wheelchair). After final adjustment secure back the mechanism with the screws.
- gg) It is extremely important to keep all wheelchairs components clean in order to maintain the product parameters.
- hh) Storing the wheelchair in areas with very high humidity (baths, laundry, etc.) or in the open air, also the lack of hygiene causes rapid loss of operating parameters and aesthetic of the product.
- ii) It is unacceptable to use the wheelchair after discovering any visible or detectable damages or when the wear of some parts may cause an accident. All the repairs need to be performed by a skilled personnel and during the warranty period only by the manufacturer's service.
- jj) In case of wheelchair fitted with pumped wheels You should not exceed the maximum

permissible inflation pressure of the wheels, the value is indicated on the tire wheels.

kk) During transport (e.g. In the trunk), do not burden stroller, it may weaken or damage its structure.

ll) Keep out of the reach of children under five years of age.

mm) Keep extreme caution while unfolding / folding the wheelchair, lack of attention may result in finger trap by elements of the area of:

- joining and removing the footrest,
- brakes,
- while folding the wheelchair around moving parts.

7. Everyday use and maintenance

SITTING ON THE WHEELCHAIR:

- Place the wheelchair in a position that will make easier transporting patient (by the bed, chair, close to lifting distance)
- Block both brakes of wheelchair, fold or remove the footrests.
- Depending on the patient moving method to repeal proper armrest, (it is recommended to leave the second armrest as a handrail for the patient and prevent wheelchair movement).
- Place the patient the wheelchair.
- Put on the armrest.
- Install and open the footrests and put on it patient's feet.
- Place the patient wheelchair so that the patient is in upright sitting position (knees should be bent at an angle of $\sim 90^\circ$).

PUSHING THE WHEELCHAIR BY CAREGIVER

- Before use, make sure that no part of the patient's body or his / hers clothing is not exposed to hook with the moving parts of the wheelchair.
- If patient can not sit on one's own, wheelchair should be equipped with stabilizing belts (belts, which are in standard equipment to protect the patient from sliding off the seat).
- Wheelchair should be pushed with both hands.

MOVING ON SLOPES



- While moving on slopes, use caution and reduce your speed.
- Do not move on too high slopes. The maximum allowable slope angle up and down is 5%.
- Consider the possibility of assistance from the caretaker. If the person on the wheelchair did not have enough force to control the wheelchair, the brakes must be on.

- To prevent tipping over while moving along the sloping surface, You should be slightly lean forward to move your centre of gravity forward.

GOING DOWN OF THE THRESHOLD OR CURBS

➤ Ahead without the help of a caregiver



- Experienced wheelchair user can drive on his own from the threshold or curbs.
- With a low curb, you can drive by moving forward. Make sure that the footrests platform does not touch the ground.
- Please keep balance on the rear wheels to reduce the pressure on the front wheels.

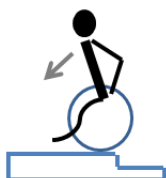
• Then cross the curb.

➤ Ahead with the help of a caretaker



- Higher curbs can be overcome with caregiver help.
- Caregiver should slightly tilt the wheelchair back.
- Cross the curb moving on the rear wheels.
- Then the wheelchair must be paced on all four wheels.

➤ Backwards without the help of a caregiver



- Experienced wheelchair user can cross on his own the threshold or curbs.
- Turn the wheelchair in such a way that both rear wheels were turned toward the curb
- Lean forward to move the centre of gravity in forward.
- Come closer with the wheelchair to the edge of the curb.
- Then, by using the handrim in a controlled manner, user must slide the wheelchair from the curb.

MOVING ON THE THRESHOLD OR CURBS

➤ Ahead with the help of a caretaker



- Experienced wheelchair user can drive on his own from the threshold or curbs.
- Caregiver should slightly tilt the wheelchair back.
- Wheelchair user should keep balance on the rear wheels to reduce pressure on the front wheels.
- Go with front wheels on the curb and then put the rear wheels over the curb.

➤ Higher curbs can be crossed going backwards with the help of a caregiver

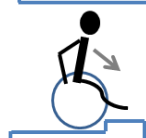


- Turn the wheelchair in such a way that both rear wheels are turned toward the curb.
- Wheelchair user should keep balance on the rear wheels to reduce the pressure on the front wheels.
- Caregiver should pull the wheelchair over a curb.
- Wheelchair user should return to its normal position on the wheelchair.

➤ Ahead without the help of a caregiver



- Experienced wheelchair user can go down on his own from the threshold or curb.
- Place the front wheels to the edge of threshold or curb.
- It is important to make sure that the footrests do not touch the threshold or curb



- Now, can go with the front wheels on the curb.
- Then, may enter the rear wheels on to the curb.

TRANSPORT IN THE CAR

- In order to make the wheelchair easy to transport, should remove the seat cushion, backrest upholstery.
- Then fold footrest platform and remove it.
- Then pull up the seat frames, it will fold a wheelchair.
- The wheelchair is equipped with system of quick release rear wheels.
- To install or remove the rear wheels, press the system of quick release rear wheels button (Illustration 31) and pull or push a wheel.
- The wheelchair have to moved by holding the frame elements only. Never hold the wheelchair by the armrests or footrests.

REGULATIONS:

ARMREST

- In order to repeal armrest, press the front armrest lock (Illustration 13), lift up the front part of the armrest and pull the rear armrest lock and then remove the armrest.
- In order to completely remove the armrest, tilt it slightly, pull the lock button towards you (Illustration 15.) and at the same time pull the armrest up, pulling it upwards
- By pressing the smallest button on the armrest (Illustration 17.), the armrest can be moved forward and backward.

The front armrest lock



Illustration 13.



Illustration 14.



Lock button

Illustration 15.

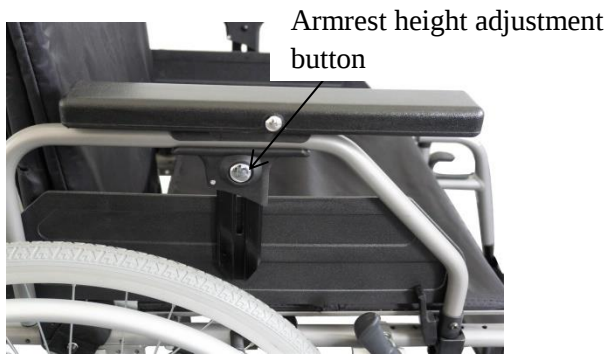


Illustration 16.

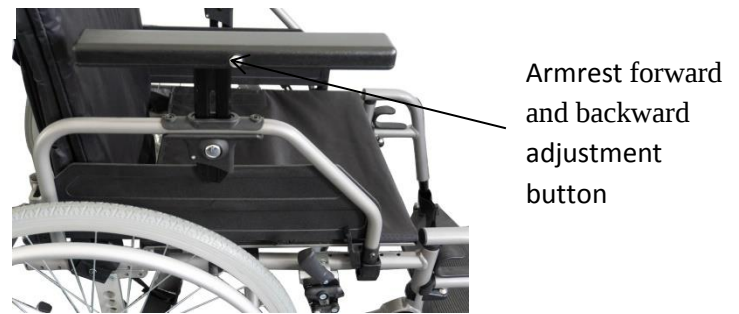


Illustration 17.

- To change the height at which is located the armrest, lightly press the armrest height adjustment button and lifting it up to choose the right height.
- After choosing optimal height, release the armrest height adjustment button of the armrest.

ANTI-FLIP WHEELS HEIGHT ADJUSTMENT

- The wheelchair is equipped with anti tip wheels, which play an important role when a person sitting in a wheelchair has a problem with the stabilization of the body.
- Before using the wheelchair, set the height of anti-flip wheels.
- The height of the anti tip wheels should be individualized to the patient depending on experience person moving in a wheelchair and wheelchair height.
- To adjust the height of the anti flip wheels pull the adjustment lock the anti flip wheels set the desired height and release the lock. (Illustration 19.)



Illustration 18.



Illustration 19.

Adjustment lock



Ilustracja 20.

WHEELCHAIR HEIGHT

- Wheels are mounted on movable axes; You can change wheel height on the front and rear axles.
- Illustration 21. shows the wheel axle seen from the outside, and Illustration 22. shows a wheel axle, seen from the inside.



Illustration 21.



Illustration 22.

Quick connect handle

- Change the rear wheel height can be made only in situations when the patient is not sitting in a wheelchair.
- Please press the black button to remove the wheel / quick release and remove the wheel. Look out the wheelchair to not fall over. (Illustration 21.)
- You can put a wheelchair on the side which has already been removed rear wheel and remove the other rear wheel.
- To change the position rear wheel axis (up and down), unscrew the Allen wrench No. screws located next to the rear wheel axle. (Illustration 22.)
- After loosening the screws, you can remove the axle and place it in the appropriate mounting holes and tighten the nut with an Allen wrench.
- Make sure that the axes of both rear wheels were arranged symmetrically on both sides of the frame of the wheelchair and properly tightened.
- With the change in position of the rear wheel, should adjust the brake mechanism.

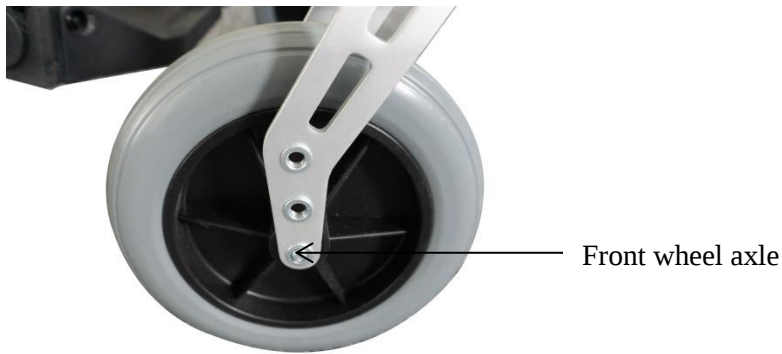


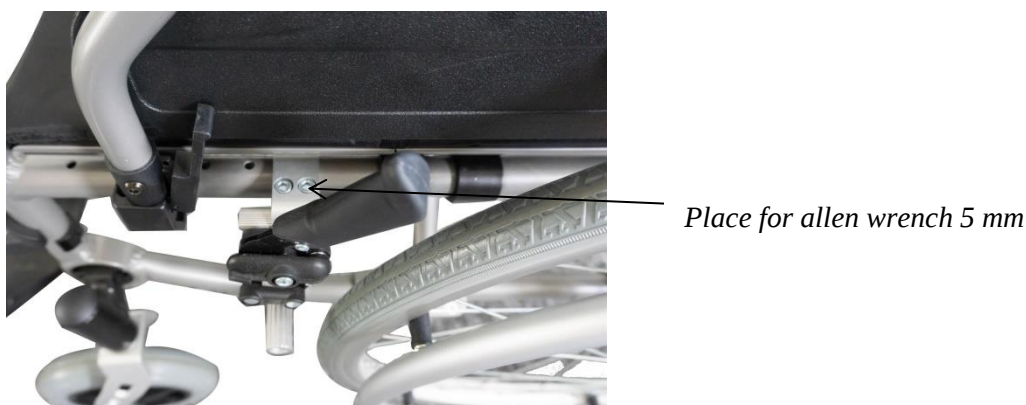
Illustration 23.

- In order to change the height of the front wheel, should unscrew the front wheel screw by using allen wrench 5 mm.
- You should choose the proper height of front wheel move the wheel up or down to the desired height and tighten the front wheel screw.

SEAT DEPTH

- To adjust the seat depth, should press the Quick connect handle button to remove the wheel, respectively holding wheelchair in order to not fall over.
- You can put a wheelchair on the side on which has already been removed rear wheel and remove the other rear wheel.
- Then loosen the screws on the rear wheel mounting elements on both sides of the carriage. These elements are an extension of the backrest. (Illustration 22.)
- Align the rear wheel mounting components and tighten the screws.
- Make sure all screws are properly tightened.
- It is important to note that with the change of the seat depth, will change position of the center of gravity and therefore should also be adjusted rear wheel axis and brake mechanism and fit, and the front lock the armrest.

BRAKE MECHANISM



Illustrationa 24.

- Illustration 24. show the brake mechanism seen from outside.
- To adjust the position of the brake mechanism to the rear wheel, Allen wrench 5 mm unscrew the screws on the brake mechanism (Illustration 24.)

- Move the entire mechanism in the right direction and tighten the screws.
- Locked brake reliably prevents the rotation of the wheel (test the correctness of adjustment carried out in a wheelchair with a patient).

FOOTREST

- To change the height of the footrest, should open and than loosen height-adjustable footrest knob located in on the side surface of the footrest frame.
- After setting the correct height tighten the height-adjustable footrest knob.

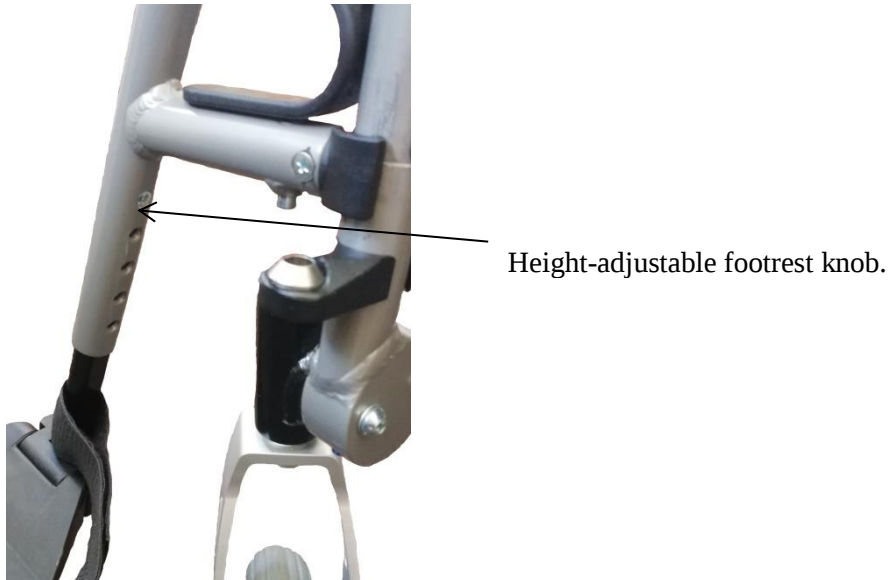


Illustration 25.

PUSH HANDLES

- The height of the push handles can be adjusted.
- To adjust, use the knob and slightly loosen the wheelchair handles.
- Then choose the suitable height and tighten the push handles so that they are stable.



Illustration 26.

PRESSURE IN WHEELS AND BRAKING POWER

- Pressure in wheels should be select to the user weight and then with assistance caregiver check the operation of the parking brakes (wheelchair with user facing toward the fall, can not roll

on a plane with a slope of 15%.)

- After all the adjustments, be sure to thoroughly check all connections.

PUMPING TYRE (It applies to stroller fitted with wheels pumped)

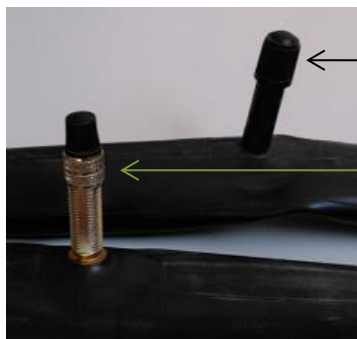


Illustration 27.

← Schrader valve

Prest valve →

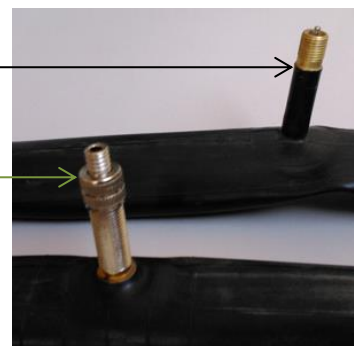


Illustration 28.

- Before pumping the tires, identify the type of valve which is located on the tire. This may be one of the two valves shown in Illustration 27 and 28.
- Prest valve also has an additional small top, which must be loosened before pumping.
- After identifying the valve, prepare the pump designed to valve type.
- Most of the new pumps are equipped to service both Prest valve and Schrader. Many of them let to reverse the tip. Smaller hole is Prest valve, Schrader valve greater. If the pump does not support Prest, you will need to buy yourself the "adapter Prest", which is available at any bike store.
- At this point, if the wheel is provided with a valve Prest, it will be necessary to unscrew the top located on the vent. It is a small top, which can be unscrewed with fingers. When doing this, the top should move upwards. Then valve is considered open.
- Then remove the plastic top from the valve and set it aside in a safe place. It is important to not lose it, because the valves will get dirt, leading to difficulties in pumping and rapid air loss.
- Place the nozzle of the pump to the valve and check if it stick properly. If it is needed, push the pump to the valve to make sure that the air does not escape to the sides.
- If the pump has a lever with clamp at the nozzle, tighten it. If the nozzle of the pump and valve have a threaded tip, screw them together. As a result, air will be streamed directly to the inner tube and the nozzle can not be detached from the valve.
- At the beginning of pumping the pressure in tyres should be checked at some points. Check tire pressure with your fingers at the end of the tread. If it is possible, make only a millimeter indentation. It means that the tire has enough air. If necessary continue pumping.
- After pumping, remove or unscrew the nozzle from the valve outlet while compressing it's ends by thumb. It is recommended to do this quick enough in order to not loose too much air.
- For Prest valve, tighten previously loosened additional small top.
- Screw the plastic top on the valve.

COMMENTS

- Observe proper tire inflation level with the information provided by the manufacturer on the sides of the tire.
- Use a pump with a pressure gauge or manual pump cycling.

EVERYDAY USE AND MAINTANCE

- Clean the upholstery and frame with a moist cloth, without the addition of detergents and other similar chemicals.
- Systematically remove the dirt from the movable elements of the wheelchair (screws, resistance mechanisms).
- Keep clean all wheelchair elements for to save functional parameters of the product.
- Storing in rooms of very high humidity (baths, laundries etc.) or in the open air, in the combination with the lack of hygiene will cause the fast loss of functional and aesthetic parameters.
- Do not expose the wheelchair on to extreme weather conditions (rain, snow very strong sun), because certain parts can change colour.

You must not use:

- solvents,
- toilet detergents,
- sharp brushes and hard objects,
- detergents that contain chlorine,
- corrosive detergents,

Do not clean the exerciser with pressure or steam aggregates!

TECHNICAL REVIEW

The review should be carried out regularly, it should be preceded by thorough cleaning the wheelchair (so as to reveal any hidden damage).

Frequency	Object of control	Comments
Before first installation	Checking the technical condition and all the elements within the packaging.	Check if any elements have any visible mechanical damage.
Before each use	Control of wheels, brakes,	The brakes can worn out, check the condition of the brakes before each use. You should also check the condition of wheels and clean them from dust and sand.
Every two weeks	Screw and nut control regarding their correct fixing.	Make sure if all the screws and top are fixed tightly.
Every two months	Cleanliness and general condition.	In case of mechanical damage contact the producer immediately.
Once a month	wheel axles	Wheel axles must be conserved, seting between the axle and the hub a few drops of lubricant preservative. In addition, make test each wheel. Raise the wheelchair so that the tested wheel was located above the ground, the wheel should rotate

		freely but without backlash on axle.
Once a month	State connections, threaded, soldered, the system of quick release rear wheels	Pay attention to the cracks on frame material in connections threaded, soldered, the system of quick release rear wheels.
Once a month	Condition of the tires	Make sure that the tire tread is not worn and that the tires have no visible signs of damage.

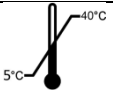
Repair

- In case of reparation, please contact the producer.

Customer service

- If you have any questions or need help, contact the producer.

8. Technical paramets

Permitted user weight	125 kg 			
Usage period:	5 years since production date			
Wheelchair hight	880 - 950 mm			
Seat width	320-340 mm	360-380 mm	400-420 mm	440-460 mm
Wheelchair width	540 mm	580 mm	640 mm	660 mm
Wheelchair lenght	108 mm			
Seat depth	400 mm			
Back width	320-340 mm	360-380 mm	400-420 mm	440-460 mm
Back lenght	430 mm			
Seat hight	470 mm			
The dimensions of the wheelchair after folded	350 x 950 x 800 mm			
Wheelchair weight	17 ± 5% kg			
Wheelchair weight without components	15 ± 5% kg			
Minimum turning radius	110°			
Material	Frame aluminium; upholstery: polyurethane, polyethylene; rubber			
Rear wheels diameter with the system of quick release rear wheels	24", (diameter 610 mm)			
Front Wheel Size	8", (diameter 200 mm)			
Maximum safe slope				
Description of the environment in which the product will be used				
Temperature of storage and use				
The humidity for the storage and use	From 30% to 70%			
	Printed on the product			
Tools necessary to adjustment	Allen wrench 5 mm.			

9. Symbols



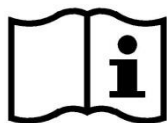
Confirmation of compliance with EU standards



Manufacturer



Date of production



Read the user's manual



Warning



Catalog number



Serial number



Protect from humidity



Protect from sunlight



Permitted user weight.



Use inside and outside buildings



Maximum safe slope.



The product is intended to transport by car.



The product is not designed for use as a seat to transport in a motor vehicle.



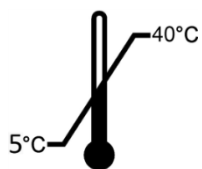
Unique Device Identifier



The possibility of fingers jamming.



Do not stand on the footrest



Temperature of storage and use



Medical device

Contact details



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