HOGGI®



CE

SHARKY

User manual

en

User manual for SHARKY

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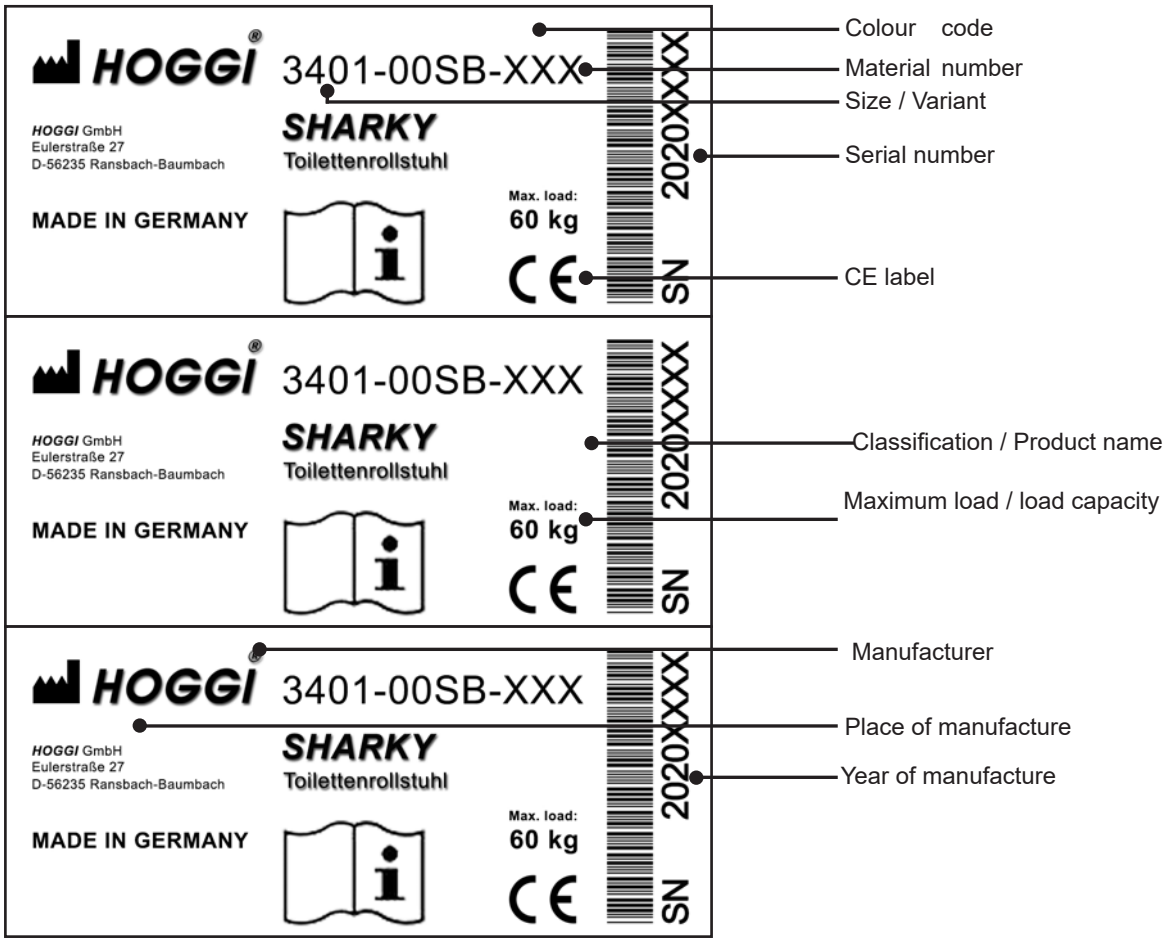
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Model identification

The mobility base label is mounted on the inside of the left side strutt.



The **SHARKY basic configuration** contains:

Base:
- compactly foldable
- height adjustable, traversable toilet height 43-52 cm
- tilt (seat angle) -10° up to 45°

Seat unit:
- removable from the base (quick release)
- PU pads on the back, seat and hip supports
- closable hygiene opening
- back angle adjustable, foldable and removable
- seat width 24, 27, 30 cm
- seat depth 27-36 cm
- back height 42 cm
- back angle 72-120°
- maximum load: 60 kg

- size 1 and size 2 in progress

2 Common Information

2.1 Preface

Thank you for selecting the **SHARKY** toilet wheelchair. We have designed this high-quality product to make your life safer and easier, and we've included this manual to help you use and care for it. Please read the following instructions to make sure you use this product as recommended. If you have any further questions, or if you have any problems, please contact your healthcare provider.
We hope that **SHARKY** meets your expectations.
We reserve technical modifications regarding the specified model in this manual. Before using the wheelchair the first time, this manual has to be read and understood by patient and support personnel in oder to ensure a safe handling with the toilet wheelchair.

2.2 Application

The **SHARKY** toilet wheelchair for children is used for indoor and daily use in wet areas. It is used by children and young people with a deficit in the area of sitting down and standing up for individual use in daily care / hygiene or in toilet training. Various bases guarantee numerous possible uses such as use as a toilet chair, toilet seat, bathtub insert or mobile positioning options for daily personal hygiene.

Assistance may be required due to:
- Paralysis (paraplegia / tetraplegia or paresis)
- Loss of limbs (dysmelia/lower limb amputation)
- Infantile/spastic cerebral palsy
- Spina Bifida
- Muscle and nerve disorders
- Imperfect osteogenesis
- Poliomyelitis

SHARKY is able to be used for further service.
For further service the product has to be cleaned and sanitised efficiently. Afterwards the product has to be checked concerning condition, wearout and damage by an authorised technician. All damaged and inapropptiate parts need to be changed. Please see also the service manual for detailled information.

2.3 Declaration of Conformity

The **HOGGI** GmbH as manufacturer with sole responsibility declares that the toilet wheelchair **SHARKY** conforms to the requirements of the 93/42/EEC Guidelines (considering also the modifications of MDD 2007/47/EG).
Applicable harmonized standards have been applied.

2.4 Terms of warranty

Warranty applies only when the product is used according to the specified conditions and for the intended purposes, following all manufacturer's recommendations.
The manufacturer is not responsiblefor damages caused by components and spare parts not approved by the manufacturer.
See also § 8 of terms and conditions on: **www.hoggi.de**

2.5 Service and repairs

Service and repairs at **SHARKY** may only be carried out by specialized dealers. If you have any problems, contact your local dealer. For repairs, you will only receive original spare parts there.



For Preparing, repair and service, the following tools are required:
Allen wrench, size: 3 mm, 4 mm, 5 mm und 6 mm
Socket wrench, size:: 10 mm, 13 mm, 19 mm und 24 mm

3 Safety instructions

3.1 Meaning of symbols



Caution!
Warning of possible danger of accident and injury. Warning of possible technical damage.



Information!
About use of product.



Information!
For service-personnel..



Attention!
Read manual before use!

3.2 Common safety instructions



Read manual completely before use! Familiarize yourself with handling and functions of the wheelchair before use and practice the handling. You are responsible for the safety of your child. The safety of your child could be affected if you do not follow the instructions of this manual. Nevertheless not all possible circumstances and unpredictable situations can be covered by this manual. Reason, care and circumspection are not features of the product, they are required of persons, who use the wheelchair or attend it. The person, who is using the wheelchair and its accessories should understand all instructions.
It must explained to every other person using the wheelchair and its accessories.If instructions are not clear and further explanations become necessary, or if you have further questions please contact your HOGGI dealer. Practise with the new wheelchair on even, straightforward terrain first, together with the child. Together with the child, learn how the wheelchair reacts when the centre of gravity shifts; for example on slopes or inclines or when clearing obstacles such as steps and curbs. This should be done only with assistance from another person. Using an anti-tip is strongly recommended for inexperienced wheelchair users.



Strap in your child at all times, when it is in the toilet wheelchair.



HOGGI points out, that any use beside the typical use can be dangerous. The toilet wheelchair is not suitable for jogging, running, skating or similar activities. Swivelling front wheels tend to wobble at higher speed, which can cause a sudden stop and tip over of the wheelchair.
Use the toilet wheelchair only at regular walking speed. Under no circumstances leave the handle bar while pushing and never push the toilet wheelchair away.



The product should only be used on solid level ground.



Use your toilet wheelchair as intended by the manufacturer. For instance, do not drive into obstacles (including steps, curbs) without braking. Do not „jump” the chair down from higher surfaces.fe).



Pay increased attention to driving up and down gradients.
Special attention should be paid to the child falling out, the toilet wheelchair tipping over or rolling away.



The toilet wheelchair should be lifted only by touching tighten parts of the frame.



The toilet wheelchair should only be parked on horizontal, level surfaces. If you have to park on a slope, face the wheelchair uphill with the brakes engaged and ensure that the seat is in the upright position. There is a risk that the wheelchair might tip over backwards if the seat is the reclined position.



Before leaving the wheelchair and before getting into and out of it, always lock the wheel locks.



Make sure that your child does not lean too far out of the toilet wheelchair when grabbing objects (which are in front of, to the side or behind the toilet wheelchair), as the shift in the center of gravity causes a tilting or there is a risk of rollover.



Please keep packaging material away from children. Plastic packaging presents the danger of suffocation.



Never leave your child unattended in the wheelchair even when they are strapped in and the brakes engaged..



Both folding locks must be engaged before use.



Static stability is >10,5° inclination.
Attaching heavy bags or other weight to the push handles can adversely affect stability.



When adjusting the back incline, the seat and knee angle with the child in the seat unit, pay particular attention to the danger of clamping for the child by stretching arms or legs out into moving parts.



Don´t use the footrest to get into and out of the wheelchair.



The toilet wheelchair is only approved for use by one child.



Disposal of waste: The packaging material as far as metal, aluminium and plastic parts can be recycled. The recycling must be operated according to the national and legal terms.



Load the ventral upper body support with a maximum of 5 kg.



All upholstery parts are flame retardant and meet the requirements of EN 1021 Part 1 (cigarette test) and 2 (match test). However, this does not protect the user in the seat unit from burns caused by careless handling of embers or open fire.



When stored in the folded state, no load may act on the frame.



Maximum load **SHARKY**: 60 kg.



Accessories and add-ons reduce the maximum load proportionately.



Protruding strap ends of the accessory parts could jam in the seat angle adjustment mechanism and prevent the locking bolts from engaging.
The seat could then adjust the seat angle during use.
For this reason, shorten the belt ends of accessories so that they can no longer get into the seat angle adjustment mechanism. After putting the seat unit on, check with a jerk on the seat whether the locking bolts are engaged.



Please read to visually handicapped people the manual and info material - or use electric aids. Please download or read all **SHARKY** documents on our webside www.hoggi.de. In addition, product videos and product photo galleries are available online!



Whenever you change any settings on the wheelchair, make sure that you firmly tighten any screws that have been loosened.



Check the condition of the product if the packaging is damaged.



Be careful in case of extreme temperatures. The wheelchair can heat up significantly when in the sun or in the sauna. In extreme cold, there is a risk of hypothermia. Slowing down from high speeds or when descending longer slopes tends to heat up the hands and fingers, especially if using aluminium push rings. When using the wheelchair outdoors, leather gloves should be worn. Gloves provide the wheelchair user with a better grip and protect his or her fingers from dirt and hot metal.



4 Delivery and preparing for use

SHARKY will be supplied completely mounted.
Delivery in board: ca. 880 mm (L) x 700 mm (W) x 400 - 450 (H)

Please check the condition of the product if the packaging shows damages. Please remove the transport packaging carefully.



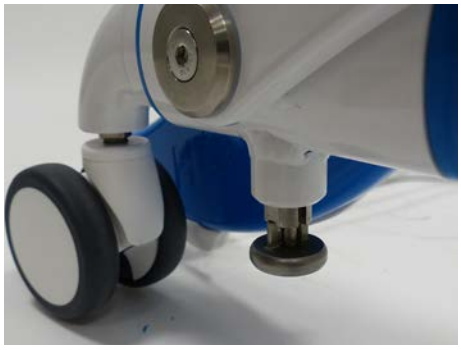
The original package contains the following parts:
• folded base (see illustration)
• folded seat unit and back
• Additional accessories as ordered
(These have to be mounted on the wheelchair by an authorized dealer)
• Instructions and list of tools required



To unfold please proceed as follows:
• Move the snapper on the right side of the base frame.



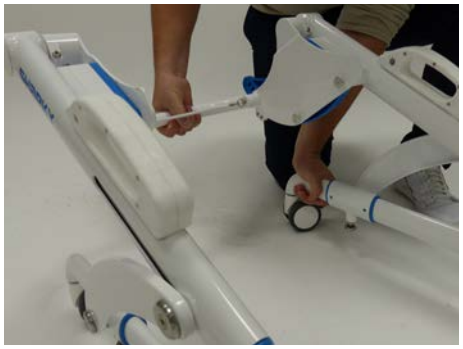
• Turn the snapper 90° to lock it.



• The illustration shows the locked snapper on the right.



• Move the snapper on the left side of the base frame.



• Secure the base frame with your left hand and at the same time move the base frame up on the back bar with your right hand.

• When both sliders have moved a few cm forwards, the lock on the right snapper can be released.

• The folding process can now be continued.



• Make sure that both snapper audibly snap into place.



To insert the seat unit, please proceed as follows:

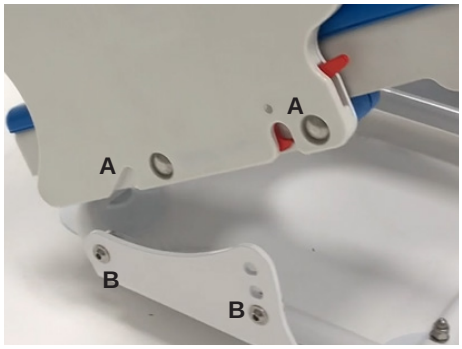
• Pull the release rope (as shown) and move the backrest upwards.

• Engage both bolts audibly in the desired back angle position.



• Place the seat in the frame from above as shown.

• Make sure that you first place the rear guide slots (A) of the seat unit on the two rear locking shafts (B) of the base.



A = Guide slots of the seat unit
B = Locking shafts of the base



• Place the seat unit on the front locking shafts and finally let it snap into place.



5 Accessories

5.1 Push handle unit

• Remove the back panel as shown.



• Position the push handle on the back frame as shown and insert the four M6x16 cylinder head screws provided.



• Secure the screw connection with the supplied washers and the self-locking nuts.



5.2 Attaching the footrest system

To attach (and also to remove) the footrest the smallest knee angle may not be preset (see marking X).



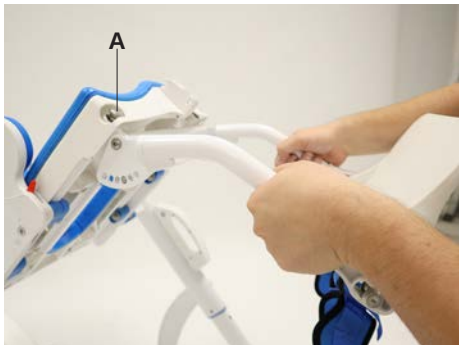
In addition, we recommend to position the seat in a tilt of 45 ° tilt as shown.



- Guide the footrest system with both openings into both slots on the bottom of the seat at the same time.



- Make sure that the openings are hooked behind the locking shafts of the seat frame.



- Swivel the footrest forwards until the snappers audibly click into place.



Adjusting the knee angle

The knee angle can be adjusted between 78 ° and 138 ° using a locking bolt under the front edge of the seat plate.



• Pull the release rope with one hand of the locking bolt and move the knee angle lever with the other hand to the desired angular position.



•Engage both bolts audibly in the desired back angle position.



Removing the footrest system

To attach (and also to remove) the footrest the smallest knee angle may not be preset (see marking X).

In addition, we recommend to position the seat in a tilt of 45 ° tilt as shown..



• Use your index fingers to pull both heads of the snappers forward.

• Make sure to secure the footrest system to the bars.



• Move the footrest system to the rear so that both openings release from the mounting slots.

• Take off the footrest system.



5.3 Headrest

• Open the clamping lever and insert the headrest into the headrest holder from above as shown.



• Select the desired headrest height and lock the clamping lever.



•Open the clamping lever as shown and select the desired angular position of the headrest.

• Close the clamping lever.



5.4 Trunk supports

The illustration shows the clamp in the back frame for mounting the trunk support.



• Screw the trunk support holder to the clamp in the back frame as shown.
• To adjust the height of the trunk support, loosen the screw connection as shown and move the trunk support holder to the desired height position.
• Firmly tighten the screw connection again.



• Loosen the screw connection as shown to set the desired width.
• Firmly tighten the screw connection again.



•Loosen the screw connection as shown to make the desired to adjust the angle.
• Firmly tighten the screw connection again.



Swiveling the trunk support away:

• Pull the pull latch up to release the locking.



Move the trunk supports backwards



5.5 Chest-shoulder harness

Illustration shows the chest-shoulder harness.



• Guide the strap through the eyelet in the back area from the front as shown.



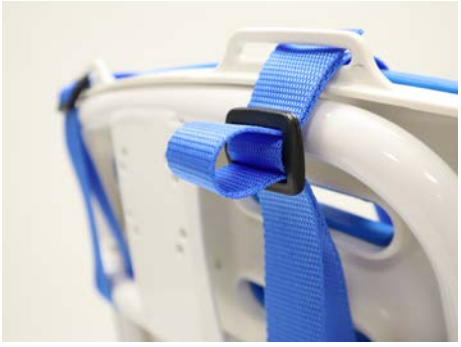
• Guide the strap through the bar buckle as shown.



• Guide the strap behind the cross brace of the back frame as shown.



• Guide the strap back through the bar buckle as shown.



• Guide the strap back through the bar buckle and back through the eyelet on the back as shown

• Then do the same on the other side.



• To attach the lower belts, please proceed as described under **5.6 lap belt**.

Opening the chest-shoulder harness:

• Open the fasteners on the shoulders and / or in the pelvic area.



5.6 Lap belt

• Guide the end of the strap through the bar buckle as shown.



• Guide the end of the strap through the eyelet on the base of the back as shown.



• Guide the end of the strap back through the bar buckle as shown.



• Guide the end of the strap back through the bar buckle as shown.



• Proceed accordingly on the other side.

By moving the buckle the strap length can be set.



• The lap belt opens by pressing the black release button.

The lap belt can be retightened at the belt buckle by pulling the belt end (fine adjustment).



5.7 Pelvic retraction belt

Illustration shows the pelvic retraction belt.



• To assemble, screw the pelvic retraction belt as shown into the thread of the back base.

• Then do the same on the other side.



• To adjust the depth of the belt, loosen the screw connection as shown and select the desired position.





5.8 Armrests

Illustration shows the height-adjustable and removable armrest.



• Press the release button as shown and select the desired armrest height.



• Make sure that it is securely locked.



The armrest can also be removed.

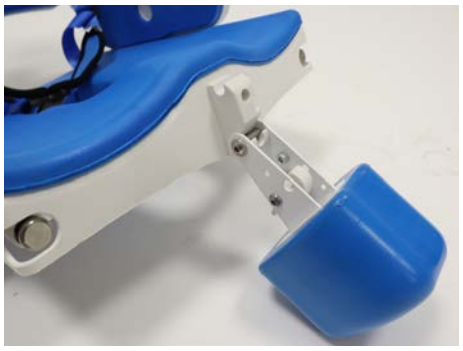


5.9 Ventral upper body support

• Illustration shows the ventral upper body support.

• Place the ventral upper body support with the frame construction in the holders below the armrest pads.

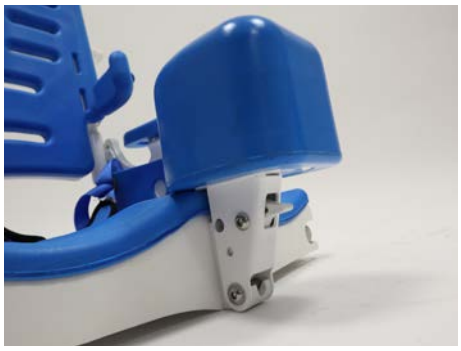
• Make sure that it is securely locked.



5.10 Abduction block

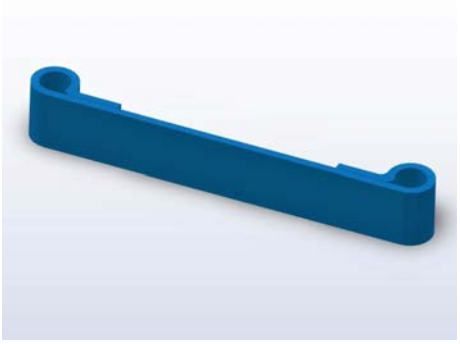
Insert:

• Position the abduction block as shown. Move it upwards to lock it.



Armrests:

• Activate the locking hook and pull the abduction block out towards the front.



5.11 Calf strap

Illustration shows the calf strap.



• Open the thumbscrews on both sides of the footrest bearings.

• Pull the footrest off downwards.

• Insert the calf strap as shown and position it at the desired height.

• Reinstall the footrest at the desired height and close the thumbscrew on both sides of the footboard bearings.



5.12 Ankle hugger

Illustration shows an ankle hugger.

To assemble the ankle hugger, please proceed as described under **5.6 lap belt**.



5.13 Toilet bucket

Insert:
• Place the toilet bucket in the guide rails from the rear.
• Make sure that it is securely locked.



Removal:
• Pull the toilet bucket out of the guide rails from the rear.



Illustration shows the guide rails. Bottom view.



5.14 Splash guard

Illustration shows splash guard.

• Position the splash guard as shown before use.

• Remove the splash guard after use.



5.15 PU seat infill pad for hygiene opening

The hygiene opening can be easily removed for hygiene and cleaning.



• If desired, pull out the infill pad as shown.

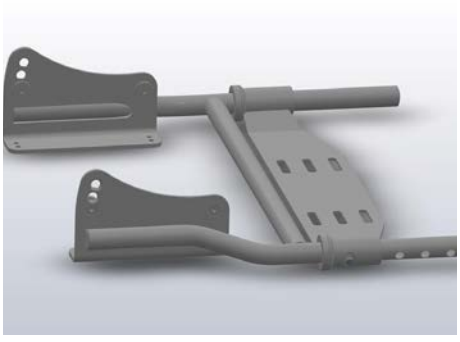


Illustration shows the hygien opening without the infill pad.



5.16 Bath subframe

Illustration shows bath subframe.



5.17 Toilet adapter

Illustration shows toilet adapter.

5.18 PU-hip support pads

Illustration showas lateral PU-pads.



6 Transport and storage

6.1 Transport and storage

SHARKY can be transported or stored with or without a seat, with or without footrest hanger.



The smallest packing size can be achieved with removed seat and footrest hanger.

7 Maintenance/ Service and Repairs and operating life

7.1 Maintenance/ Service and Repair

Your **SHARKY** is CE approved. The manufacturer herewith guarantees that this medical product as a whole conforms to the requirements of the 93/42/EEC Guideline. The wheelchair should be checked for correct function before every use. The items listed in the following table must be checked by the user at the indicated intervals.

Check	daily	weekly	monthly
Function test of the brake	X		
Testing the screw connections		X	
Air pressure (indicated on the side wall of the tyre)			X
Visual inspection of wearing parts such as wheels and bearings			X
Contamination on bearings			X
Quick release (rear wheels)	X		
Check firmness of the footrest		X	
Function test of the tilt mechanism			X
Testing adjustment of the back angle			X

Should any defects become obvious, please contact your authorized HOGGI dealer to eliminate them.
We also recommend that you have your **SHARKY** serviced by your authorized dealer every twelve months.

Instructions for cleaning and maintenance

- Clean all frame components and plastic parts using mild detergents only. (e.g. Sagrotan).
- Padding parts can be washed at 40 °C. If washed in a washing machine, put them in a linen bag or a pillow case.
- In most cases, wiping with a damp cloth is sufficient.
- Do not use your **SHARKY** in salt water.
- Keep sand or other particles from damaging the wheel bearings.
- If your **SHARKY** gets wet, towel-dry it as soon as possible.
- Hair and dirt particles generally accumulate between the caster wheel and fork. This can restrict the caster wheels from rotating smoothly. Remove the caster and thoroughly clean the fork and caster using a mild detergent.
- The rear wheels feature a quick-release system. To keep this system operational, ensure that no dirt adheres to the quick-release axle or axle housing.
  The quick-release axle should also be lightly lubricated regularly with resin-free sewing machine oil.
- Screw connections should be checked frequently, in particular when beginning to use the wheelchair and after any adjustment. If a screw connection becomes loose repeatedly, consult your dealer.

7.2 SHARKY life cycle:

The expect life cycle of **SHARKY** amount to 5 years, dependent on use intensity and maintenance. We recommend a yearly check by your authorized dealer. In case of any disorders or defects it‘s intended to hand over the wheelchair the health care supply store or your authorized dealer.

8 Specifications

	Size 1	Size 2
Seat width	24/27/30 cm	29/32/35 cm
Seat depth	27 - 36 cm	27 - 40 cm
Backrest height	42 cm	50 cm
Maximum, traversable toilet height	52 cm	52 cm
Seat angle	-10° bis +45°	-10° bis +45°
Back angle	72° - 120°	72° - 120°
Footrest angle	80° - 100°	80° - 100°
Armrest heigth	14,5 - 20,5 cm	14,5 - 20,5 cm
Wheel diameter	75 mm, 100 mm	75 mm, 100 mm
Load capacity**	60 kg	60 kg
Weight (seat)	9 kg	10 kg

ATTENTION!
*Accessories and mounting parts reduce the remaining vehicle load capacity.

ATTENTION!
Weight refer to a **SHARKY with basic configuration.

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