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# HOGGI<sup>®</sup>



## TIMO User manual

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# User manual for TIMO

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## 1.1. Model identification and basic configuration

### 1.1 Model identification

The label is attached to the cross tube of the back base or on the right inner side of the base frame.

	Colour code
	Article number
	Size
Serial number	
CE label	
Classification / Product name	
Date of manufacture	
Maximum load / load capacity	
Manufacturer	
Place of manufacture	
Year of manufacture	
UDI Code	

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## 1.2 Basic configuration

### Base

- Tilt (seat angle) -10° up to +45°
- Height adjustment from 26 cm to 67 cm
- 4 castors with 75 mm diameter, lockable
- Frame available in 2 colours
- Load capacity size 1 : 60 kg
- Load capacity size 2 : 70 kg

### Seat unit

- Back base, angle adjustable
- Armrests height- , angle- , width- and depth adjustable, removable
- Height adjustment and tilt control on push handle
- Aluminium footrest, foldable
- Seat cushion and back cushion available in 4 colours
- Load capacity size 1: 50 kg
- Load capacity size 2: 60 kg

### Adjustment range size 1:

- Seat width: 18 - 30 cm
- Seat depth: 19 - 38 cm
- Seat angle: -10° bis +45°
- Back height, short: 36 - 40 cm
- Back height, medium: 42 - 52 cm
- Back height, long: 48 - 58 cm
- Back angle: 80°-125°
- Lower leg length: 18 - 40 cm
- Armrest width: 24, 27, 32, 35 cm

### Adjustment range size 2:

- Seat width: 23 - 35 cm
- Seat depth: 24 - 43 cm
- Seat angle: -10° bis +45°
- Back height, short: 40 - 50 cm
- Back height, medium: 45 - 55 cm
- Back height, long: 52 - 62 cm
- Back angle: 80°-125°
- Lower leg length: 18 - 46 cm
- Armrest width: 29, 32, 37, 40 cm

## 1.3 Environmental conditions

Environmental factors such as temperature and humidity can damage TIMO. The manufacturer recommends not condensing the TIMO at temperatures over +40°C.

### Caution:

**Prolonged exposure to the sun may cause parts of the therapy chair to become hot. Please pay attention!**

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## 2. Common information

### 2.1 Preface

Thank you for selecting the **TIMO** therapy chair. 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 **TIMO** 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 order to ensure a safe handling with the therapy chair.

### 2.2 Application

The **TIMO** therapy chair for children is intended for use at home, kindergarten and school.

It serves children and adolescents with a deficit in the area of sitting positioning and supports an upright and active sitting posture. This is ideally supported by individual adjustment options and the addition of various accessories.

#### **Assistance may be required due to:**

- Paralysis (paraplegia / tetraplegia or tetraparesis)
- Loss of limbs (dysmelia/lower limb amputation)
- Infantile/spastic cerebral palsy - Spina Bifida - Muscle and nerve disorders
- Imperfect osteogenesis
- Poliomyelitis
- There are no known contraindications for the intended use

The **TIMO** therapy chair 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 inappropriate parts need to be changed. Please see also the service manual for detailed information.

### 2.3 Declaration of Conformity

**HOGGI** GmbH as manufacturer with sole responsibility declares that the **TIMO** therapy chair as a whole conforms to the basic safety and performance requirements in accordance with Annex I to Regulation (EU) 2017/745 of the EU Parliament and of the Council. Applicable harmonized standards have been applied.

**TIMO** meets the requirements of ISO 7176-8, DIN EN ISO 12182, DIN EN ISO 12183, ISO 8191-1 and ISO 8191- 2.

### 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 responsible for damages caused by components and spare parts not approved by the manufacturer. See also § 8 of terms and conditions on: [www.hoggi.de](http://www.hoggi.de)

### 2.5 Service and repairs

Service and repairs on the **TIMO** therapy chair should only be carried out by authorized **HOGGI** dealers. Should any problems arise, please contact the dealer who supplied your **HOGGI**. Authorized dealers only fit original **HOGGI** spare parts.

### 2.6 Duty to inform serious cases

All serious incidents that have occurred in connection with the product must be reported to the manufacturer, the specialist trade and the responsible authority.

### 2.7 Product safety / product recalls

You can find out about new information on product safety and product recalls from specialist retailers or directly from the manufacturer at [www.hoggi.de](http://www.hoggi.de)

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## 2.8 List of accessories

Footrest, push bar removable with mounting on chassis, back cushion with adjustable pelvic pads, contoured seat cushion, double castors 100 mm, attachment back (short or long), upper arm guide incl. padding, universal holder, asymmetrical, headrest with occiput upholstery incl. mounting set, thigh supports adjustable in width and length, abductable, incl. padding, fixation jacket, chest- shoulder harness, MDP thorax pad, foldable, pelvic belt, 4-point lap belt, seat pants, abduction block swiveling and removable, abduction block fixed, Foot straps, ankle hugger, heel plate made of aluminum, therapy table transparent.



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

### 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 therapy chair or attend it. The person, who is using the therapy chair and its accessories should understand all instructions. It must be explained to every other person using the therapy chair and its accessories.  
If instructions are not clear and further explanations become necessary, or if you have further questions please contact your **HOGGI** dealer.



Strap in your child at all times, when it is in the therapy chair.



HOGGI points out, that any use beside the typical use can be dangerous. The wheelchair is not suitable for jogging, running, skating or similar activities. In addition, the chair may corrode more quickly when used in swimming pools, the chair may corrode more quickly. Swivelling front wheels tend to wobble at higher speed, which can cause a sudden stop and tip over of the therapy chair. Please push the the therapy chair at normal walking speed only. Under no circumstances is it permissible to let go of the therapy chair or push it away from you while pushing it.



The product should only be used on solid level ground.



Use your therapy chair 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.



Pay increased attention when driving on inclines and declines. Pay particular attention to the child falling out, the therapy chair tipping over and the therapy chair rolling away.



Only lift the therapy chair by firmly welded or screwed components and without a child.



The therapy chair should only be placed on horizontal, level surfaces. If it is unavoidable to park it on an incline, please ensure that the seat is brought into an upright position. On inclines, there may be a risk of tipping backwards in the lying position.



Before leaving the therapy chair 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 therapy chair when grabbing objects (which are in front, to the side or behind the therapy chair), as there is a risk of tipping over or rolling over due to the shift in the center of gravity.



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.



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



When adjusting the backrest angle, the seat angle and the knee angle with the child in the seat unit, pay particular attention to the risk of trapping the child by extending arms or legs into moving parts.



Don't use the footrest to get in or out of the therapy chair!



The therapy chair is approved for use by one child only.



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.



Therapy tray loaded with a maximum of 5 kg.



The maximum load for the **TIMO** base unit is 60 kg.



Accessories and add-ons reduce the maximum load proportionately.



Caution! Excess strap ends on accessories may be trapped in the tilt mechanism and can avoid the engagement of the locking pins. In such a case the seat could then adjust the seat angle during use. Shorten excess strap ends on accessories so that they can not be trapped. Check by pulling the seat sharply that the locking pins are completely engaged.



Please read to visually handicapped people the manual and info material - or use electric aids. Please download or read all **TIMO** documents on our website [www.hoggi.de](http://www.hoggi.de).  
In addition, product videos and product photo galleries are available online!



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



Check the condition of the product if the packaging shows damages.



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. For persons with insensitive skin (ie persons who can not perceive a temperature increase) and / or with skin damage, care must be taken that metal parts do not reach too high a temperature. In these cases, it is imperative to wear appropriate garments to protect the skin.



The therapy chair should always be locked by braking the 4 castors to prevent it from rolling away unintentionally.



Only use accessories and spare parts that have been approved by **HOGGI**. Otherwise you endanger the safety of the child.



Adjustments and settings on the product or accessories may only be made by persons who have received appropriate instruction from a medical product consultant.



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 in the event of careless handling of embers or naked flames.



## 4 Delivery and preparing for use

4.1 TIMO will be supplied completely mounted.

- Delivery in board: ca. 880 mm (L) x 700 mm (B) x 400 - 450 (H)

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



### The original package contains the following parts:

- Therapy chair with retracted gas springs, attachment back and footrest.
- Accessories as ordered. (These have to be mounted on the rehab pushchair by an authorized dealer)
- Instructions and list of tools required



### To unfold please proceed as follows:

- Pull the loop as shown until both locking bolts of the back angle adjustment are released.
- The base back can then be moved to the desired back angle position.
- Make sure that both locking bolts engage audibly.



- Insert the attachment back with the attached push handle tubes into the holder provided as shown.
- Make sure that the locking bolt (A) audibly engages.



### If your TIMO is equipped with the removable attachment back, please proceed as follows:

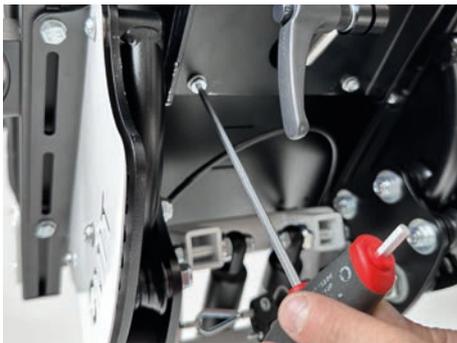
- Insert the guide sleeve into the coupling piece as shown.



- Secure the guide sleeve by turning it in the coupling piece as shown.
- Repeat the last two steps for the second guide sleeve and the second coupling piece.



- Operate the right release lever as shown and move TIMO to the maximum seat height position.



**To assemble the footrest, please proceed as follows:**

- Operate the left release lever and tilt TIMO to the 45° position.
- Attach the footrest to the four screw connection points from below using the screws provided



Tighten all screw connections firmly.



**To mount the armrests, please proceed as follows:**

- Loosen the screw on the clamp with a 4mm allen wrench as shown.



- Insert the armrest into the clamp as shown.
- Tighten the screw firmly.



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



- The shock absorber is preset to the selected strength. Readjustment may be necessary.
- See also section 5.36 Suspension strut (page 34).



## 5 Settings

### 5.1 Seat height

- The seat height can be adjusted continuously.
- Operate the right-hand release lever as shown and select the desired seat height position.



- The illustration shows **TIMO** in the maximum seat height position.



- The illustration shows **TIMO** in the minimum seat height position without footrest.
- Back angle and seat tilt can be adjusted without restriction in all seat height positions.



- In order to achieve the minimum seat height either the footrest hanger must be set to 160° (maximum extension) or, (if equipped with removable footrest hanger), the complete footrest hanger must be removed.
- See also 5.2 „Removable footrest hanger“.
- The illustration shows the minimum seat height position with maximum extension position of the footrest hanger (160°).



## 5.2 Removable footrest hanger

- Secure the footrest with one hand and pull the loop with the other hand as shown to unlock the locking pins.



- The footrest can now be removed.



### To insert the footrest, please proceed as follows:

- Position the console (with the footrest) in the back of the footrest holder as shown and move it upwards until the latches audibly engage.



### To adjust the angle of the footrest, please proceed as follows:

- Secure the footrest with one hand and release the clamping lever with the other hand.
- Select the desired angle and close the clamping lever.



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



## 5.3 Seat width

- The seat width is adjusted by positioning the upper leg guides
- The illustration shows the nut insert in the seat profile to which the holder of the thigh support is attached.



- Insert the two swivel levers into the double clamping base as shown.



- Place the silver clamp base on the clamp lever as shown.



- Make sure that the silver clamping base is inserted centrally in the double clamping base and is flush with the surface. See the illustration on the left.



- Insert the thigh support with the double clamp base in the desired position in the seat profile as shown.
- Close the clamping lever as shown.  
The seat width can now be adjusted individually



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



- When tightening the wing screw, make sure that the wing screw is in the foremost position in the slotted hole.
- See the illustration.



- Figure shows different positioning options for the thigh guides.



#### Abducted sitting:

- By loosening the wing screw and the clamping lever, the angle of the thigh support can be adjusted.



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

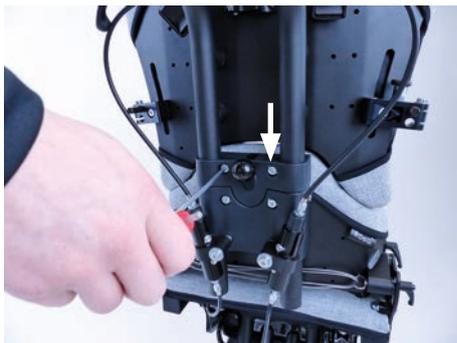


#### 5.4 Seat depth

- Loosen the two marked screws in the side plate of the back base as shown.
- Proceed in the same way on the opposite side.
- Position the side plates of the back base in the desired seat depth position in the seat profile.
- Tighten all screw connections again.



Whenever you change any settings on the wheelchair, make sure that you firmly tighten any screws that have been loosened.  
Accessories can restrict the minimum seat depth.



#### 5.5 Back height

- The back height adjustment range initially depends on the selected back plate size.
- Short: 36 - 40 cm
- Medium: 42 - 52 cm
- Long: 48 - 58 cm
- To further adjust the back height individually, the tubes of the push bar with the attached back plate can also be moved in the bracket.



- Loosen the two marked screws as shown.
- Position the attachment back at the desired back height.
- Tighten all screw connections again.



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



## 5.6 Back angle adjustment

- The back angle can be adjusted in 5° steps between 85° and 125°.
- The adjustment range results both from 5 x 10° steps, which can be adjusted by means of a locking bolt system, and from two selectable, preset screw positions on the side plates.
- The illustration shows the screw position for the angle adjustment range: 85° - 125°



- The illustration shows the screw position for the angle adjustment range: 80° - 120°.



- Pull the loop of the back angle adjustment with one hand as shown until both locking bolts are released.
- With the other hand, get the back to the desired back angle position as shown.



- Make sure that both locking bolts engage audibly on both sides.



## 5.7 Tilt

- The seat tilt can be adjusted by a locking bolt system between -10° and +45° in 5° increments.
- Operate the right release lever as shown and select the desired seat angle position.
- Make sure that both locking bolts engage audibly on both sides.



### 5.8 Footrest hanger

- The footrest hanger can be continuously adjusted from 80° - 160°.
- As shown, secure the footrest with one hand and release the clamping lever with the other hand.
- Select the desired angle and close the clamping lever.



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



### 5.9 Lower leg length

- Secure the footrest with one hand as shown.
- Open both clamping levers.
- Move the footrest to the desired height or lower leg length.
- Close both clamping levers.



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



### 5.10 Footrest depth / footrest angle

- The footrest can be folded up as shown.



The footrest must always be folded up for getting in the therapy chair



- After loosening the marked screw connections on the footrest bracket, the footrest can be adjusted in depth (by moving the screw connections in the slotted holes).

- This allows you to change the anchor point of the footrest and thus also the footrest angle. The footrest angle can be adjusted from approx. 80° to 100°



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



### 5.11 Armrests

- The armrests can be individually adjusted in height, depth, width and angle.



**To adjust the height of the armrest, please proceed as follows:**

- Loosen the marked screw with a 4 mm allen wrench as shown.



- Move the armrest to the desired height position.



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



- Tighten the screw connection again as shown.



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



**To adjust the armrest angle, please proceed as follows:**

- Open the marked clamping lever and set the desired angle.



- Tighten the screw connection again.



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

- The armrest offers a total adjustment range of 25°.



**To adjust the armrest depth, please proceed as follows:**

- Please loosen the screw as shown and remove the armrest from the bracket.



- Loosen the screw of the bracket as shown.
- The bracket can now be moved to the desired depth position
- Tighten the screw connection again, insert the armrest back into the bracket and tighten the extender lever firmly.



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



**To adjust the width of the armrest, please proceed as follows:**

- Remove both armrests from the holders.
- Loosen and remove both marked screws.



- Remove the marked attachment parts and remove the armrest support upwards.
- Please proceed analogously on the opposite side.



- Now the armrest support of the opposite side can be inserted into the oval tube.



- Now insert the bearing axle into the upper hole of the oval tube as shown.
- Make sure that the straight surfaces of the axis are aligned exactly vertically so that they slide through the entire tube.



- Secure the opposite side with the lens flange screw in combination with the spring washer.



- Insert both bearing washers in the lower hole position. Make sure that the washer with the "flats" is inserted on the corresponding side and that the one without "flats" is on the opposite side.



- Finally, insert the clamping lever into the screw position shown (without "flats") and tighten it firmly.



After all adjustment work, retighten the previously loosened tighten the screw connections again.



- In addition, the armrest can also be screwed in two positions.



#### 5.12 Armrest pad

- PU armrest support is included in the basic equipment.
- Two lengths available:
  - 175 mm
  - 235 mm



#### 5.13 Footrest, fixed

- Footrest "fixed" is included in the basic equipment. Optionally, a removable version is available.
- Exact function described in 5.2, 5.8, 5.9 and 5.10



#### 5.14 Push handle variations

- Standard push handle is included in the basic equipment. Height adjustment and tilt mechanism possible as described in section 4 and 5.7.



#### Removable push handle with mounting on the chassis

- For easy removal of the push handle:
- Connecting the release cables for seat angle and height adjustment by using the coupling mechanism as described under point 4. For removal, the ball knob must be pulled as shown to release the detent pin.



- After disconnecting the bowden cables, the push handle can simply be inserted into the intended bracket.
- The push handle must engage audibly.



- The illustration shows **TIMO** with the "push handle removable" in the mounting on the chassis.



#### 5.15 Cushion basic back

- The illustration shows the cushion of the basic back (1).
- The cushion cover is washable and the middle foam cushion can be removed via a zipper.



#### 5.16 Seat cushion

- The illustration shows the seat cushion (2).
- The cushion cover is washable and the foam cushion can be removed via a zipper.



#### 5.17 Contoured seat cushion

- The illustration shows the contoured cushion with abduction, thigh supports und Sitzhöckeraufnahme.
- The cover can be easily removed via a zipper and washed.



#### 5.18 Twin wheels with braking function

- TIMO can be equipped with 75 or 100 mm twin wheels, each of which is equipped with a total stop including directional lock. These prevent unintentional rotation/twisting of the wheels.
- To close the brake, press the brake lever down with the tip of your foot.
- This function can be ensured regardless of the respective wheel position.



- To release the brake, push the lever up with the tip of your foot as shown.



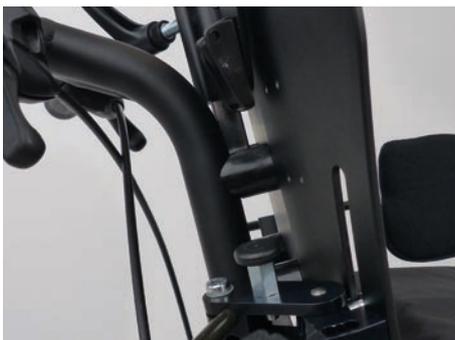
### 5.19 Attachment back

- TIMO can be equipped with 3 different top backs, each different in back height.
- On the back there are various holes that allow the attachment of buckles.



### 5.20 Upholstery for the attachment back

- The illustration shows the upholstery for the attachment back (3).
- The cushion cover is washable and the foam cushion can be removed via a zipper.

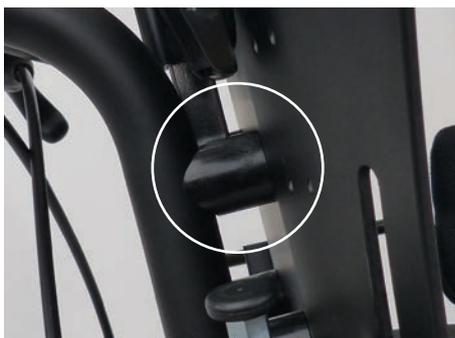


### 5.21 Back displacement of the attachment back

- In order to have the possibility of optimally raising the upper body during an active sitting position, the back of the attachment can be shifted back by 1.5 cm compared to the base back.
- The offset is achieved by using spacers of different thicknesses.

#### In order to replace the spacers, please proceed as follows:

- If present, remove the upholstery for the attachment back and remove the 4 marked screws
- The back plate can now be removed and the spacers replaced.
- Now screw the plate back on with the screws supplied.



Whenever you change any settings o After loosening the adjusting lever, the height of a headrest inserted here can be adjusted or removedn the wheelchair, make sure that you firmly tighten any screws that have been loosened.



### 5.22 Upper arm supports

- The upper arm guide serves as an arm rest and stabilizes the arm position during the seat tilt.
- The guide is fastened in the lateral slotted hole of the attachment back.
- The upholstery is removable and washable.



### 5.23 Universal bracket, asymmetric

- The headrest bracket can be bolted to the medium and long attachment backrests.
- For the short length, the bracket must be attached to the push handle using a clamp.
- After loosening the adjusting lever, the height of a headrest inserted here can be adjusted or removed.



### 5.24 Headrest with occiput upholstery

- This headrest can be adjusted in depth and angle.
- The panel under the upholstery can be adjusted to the head size.
- The upholstery can be removed for cleaning.



### 5.25 Thigh supports

- There are two sizes available for **TIMO**.
- Seat width adjustment as described in 5.3 Seat width adjustment only works if the thigh supports are equipped.
- The upholstery can be removed for cleaning.



### 5.26 Lap belt

- Remove the seat- and back upholsteries. Open the lap belt and pass the right half of the belt through the oblong hole of the right back base from behind as shown. Make sure that the belt runs through the bar buckle only once as shown here.
- The length of the free belt ends determine the length of the complete lap belt.



- Then thread the belt ends through the buckle as shown.



- The illustration shows the fixed belt.



- Proceed in the same way on the other side.
- Then connect both strap ends together and close the strap.



- Open the lap belt by pushing the red key on the buckle.
- The lap belt can be adjusted by pulling the belt end next to the buckle (Precision tuning).



#### **5.27 4-point lap belt**

- The assembly should be performed by trained technicians.
- By pressing the plug ends the lap belt opens.
- At the belt buckle the lap belt can be readjusted by adducting the lap ends (fine tuning).



- Please proceed as described in section 5.26 "Lap belt" for fastening the rear belt end.



- For the front belt ends, folding buckles must first be attached to the underside of the system profile.
- For this purpose, a sliding block is inserted and the folding buckle is attached with a screw.



- Now insert the front strap ends into the fastened and opened folding buckle. Pull through and clamp tightly by pressing on the cover of the folding buckle.



### 5.28 Fixation jacket

- To fasten the fixation jacket straps, the six folding buckles must first be riveted to the back plate with rivets from the inside out.



- Thread the shoulder straps of the fixation jacket through the shoulder slots to the rear.



- The centre “axillary straps” must be threaded at the appropriate height between laterally along the attachment back plate.



- Pass the lower straps under the backrest base from front to back and insert them into the open folding buckles above the locking bolt of the backrest angle adjustment.



#### **Opening the fixation jacket:**

- Open the quick-release buckles on the shoulder part of the fixation jacket.
- Pull the zipper down and open the fixation jacket.
- Lift your child out of the seat.

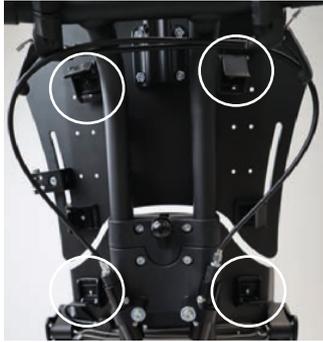


#### **Closing the fixation jacket:**

- Place your child into the seat.
- Close the zipper.
- Tack together the fasteners on the shoulders.



- Readjust the buckles if necessary.



### 5.29 Chest-shoulder harness

- To fasten the chest-shoulder harness, the four folding buckles must first be riveted to the back plate with rivets from the inside out.



- Thread the lower straps through the slots in the lower part of the back base to the rear.



- Pass the lower straps under the backrest base from front to back and insert them into the open folding buckles above the locking bolt of the backrest angle adjustment.



#### To put the chest-shoulder harness on:

- Before seating the child in the pushchair, release the four folding buckles on the back plate.
- Pull the chest and shoulder pad slightly to the front, open the folding buckles at the lower end of the pad and pull the straps out.
- Place the belts sideways on the side parts of the seat.
- Place your child into the seat.
- Place the chest-shoulder pad over the head on the upper body.
- Now thread the straps into the lower folding buckles of the pelotte pad as far as they will go (rivet) and press the folding buckle covers on.
- Now pull the lower straps tight from behind first.



- Check whether the chest/shoulder pelotte pad sits symmetrically on the pelvis.
- Straighten the child's upper body against the backrest.
- Pull the shoulder straps tight and close the clamp buckles
- The fit and position of the pelotte pad are correct when the child is not in contact with the belt webbing and when the edge of the harness is not against the belt guide slot. The belt guide slot should be approx. 2- 3 cm above the child's shoulder in order to support and maintain an optimum upper body upright position (readjust the back insert if necessary).



### 5.30 Groin strap

- For initial installation, it is advisable to negatively tilt the chair as far as possible. Remove seat cushions if necessary
- Place the buckle on the seat plate from below and insert the screw from above into the rear hole of the seat plate.
- Place the washer on the screw and secure the screw connection with a Biloc nut.

- Proceed in the same way on the opposite side.



- Fix the seat upholstery on the lower edge of the seat plate.



- Insert the fastening tabs of the seat pants between the seat surface and the base of the back, wrap around the back edge of the seat and thread through the rectangular rings with plastic loop.



- Place the bar buckle on the fastening tabs and tighten them. Length adjustment is possible here through the bar buckles. Proceed in the same way on the opposite side.

- The installation should be carried out by the specialist dealer.



- The illustration shows the attached fastening tabs of the groin strap.



- Guide the tensioning strap from the outside with the side that does not have a loop through the slotted holes of the side plate of the back base on the right and left (see also 5.26 Lap belt).



- Pass the free end through the loop from the outside and pull the free ends of the tensioning straps tightly inward toward the seat cushion in each case.



- Thread the connectors onto the tensioning straps as shown and bring them together crosswise.



Caution! Excess strap ends on accessories may be trapped in the tilt mechanism and can avoid the engagement of the locking pins. In such a case the seat could fall off the mobility base. Shorten excess strap ends on accessories so that they can not be trapped.



**To put on the groin strap, please proceed as follows:**

- Place the child in the therapy chair on the groin strap.
- Pass the thigh straps through between the legs and out over the thighs, with the part of the thigh strap to which the buckle is attached resting on the pelvic bone.
- Insert the male part of the quick-release buckles located on the tensioning straps into the buckles on the thigh belts.
- By pulling on the free end of the strap that comes out of the plug, the thigh strap can be tightened accordingly.
- To disengage the quickrelease buckle, press the key on the buckle.



### 5.31 Foot straps

- The footrest has several pre-drilled hole positions that can be used for installation depending on the width of the foot.
- Thread the foot straps crosswise through the D-rings over the shoe/ foot of your child.
- The heel should be placed against the heel plate of the footrest. Place the buckle always outward. Pull the free strap end to tighten the foot straps. Press the key on the buckle to open the buckle.



### 5.32 Ankle hugger

- The footrest has several pre-drilled hole positions that can be used for installation depending on the width of the foot.
- Ankle huggers allow a comfortable fixation of the foot joints. They are fixed to anchors on the foot plate. The heel should be placed against the heel plate of the footrest. Velcro straps are used to close the ankle straps and adjust their length. Place the buckle always outward.



### 5.33 MDP thorax pads

- The thorax pads are first attached to the back panel without the back cushion.
- The thorax pad is first positioned as shown and the cylinder screw is inserted from the rear through the clamping base and finally the slotted hole in the back panel.



- From the front side the screw is held by the groove guide.



- By opening the illustrated screw connection, the pad arm can be adjusted in depth, width and height.



- Finally, the angle of the pad is adjusted and fixed in the pad by tightening the screw connection.



Whenever you change any settings o After loosening the adjusting lever, the height of a headrest inserted here can be adjusted or removed the wheelchair, make sure that you firmly tighten any screws that have been loosened.



- If the foldable version is installed, the pad can be additionally adjusted in 3 angles by actuating the illustrated pull catch and can also be folded down.



- The height adjustment is made by loosening the screw connection as shown and moving the entire unit inside the oblong hole of the back panel.



#### 5.34 Abduction block fixed / swing away

- **TIMO** can be supplied with a fixed or a swing away abduction block. You can swing away the swing away abduction block for an easy get in.



#### To swing away:

- Position in front of the therapy chair and press with one hand the blocking clamp as shown and swing away the abduction block with the other hand downwards.



- The illustration shows the swing away abduction block.



**To remove:**

- Push the button and move the abduction block to the front.



**To put on:**

- Swivel the abduction block upwards and press it into the anchorage. By lifting it, you can adjust the height of the abduction wedge.



**5.35 Therapy tray**

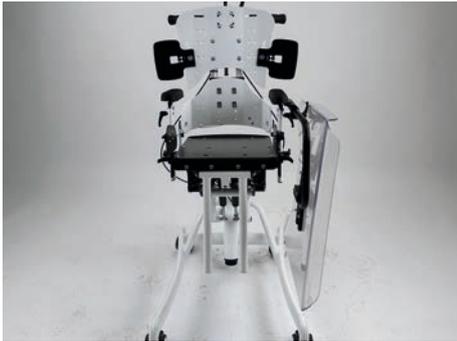
- The illustration shows the mounted therapy tray.



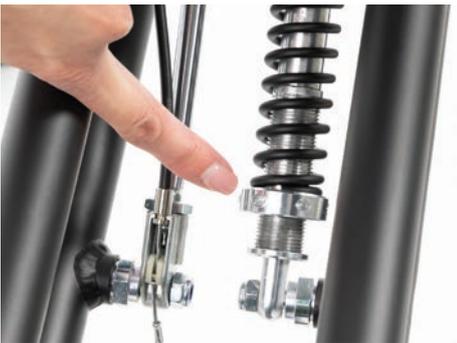
- Place the therapy tray with the frame construction in the bracket below the armrest pad.



- Make sure that it is securely locked in place by tightening the clamping lever.



- The table can be swiveled to one side for getting in or out.



#### 5.36 Strut

- The shock absorber is preset according to customer specifications.
- Use a 4 mm Allen key for readjustment.
- Turn to the right and the shock absorber is preloaded.
- Turn to the left the shock absorber is relaxed.



After all adjustment work, retighten the previously loosened Tighten the screw connections again.

## 6 Transport

### 6.1 Transport and storage



- **TIMO** can be transported and stored in the retracted state with the back folded down.

However, it is possible to disassemble the therapy chair into smaller packages in a few simple steps.



- The smallest packaging size can be achieved with the seat and foot-rest hanger removed.

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## 7 Maintenance / Service and Repairs and operating life

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### 7.1 Maintenance / Service and Repairs

Your **TIMO** is CE approved. The manufacturer herewith guarantees that this medical product as a whole conforms to the basic safety and performance requirements in accordance with Annex I to Regulation (EU) 2017/745 of the EU Parliament and of the Council. The wheelchair should be checked for correct function before every use. Nuts with self-assurance should only be used once. After repeated loosening nuts must be replaced. 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/wheel lock	X		
Check of 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 wheel)	X		
Check firmness of the footrest		X	
Function test of the tilt mechanism			X
Function test of the adjustment back angle			X

Should any defects become obvious, please contact your authorized HOGGI dealer to eliminate them. We also recommend that you have your **TIMO** 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 **TIMO** pushchair in salt water.
- Keep sand or other particles from damaging the wheel bearings.
- If your **TIMO** 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 Operating life of TIMO

The expected operating life of **TIMO** is 5 years, depending on intensity of use and maintenance. We recommend an annual inspection by an authorized HOGGI dealer. In case of an interference or a damage of the wheelchair it has to be checked immediately by a dealer or a medical supply store.

## 8 Specifications

	Size 1	Size 2
Seat width	180 - 300 mm	230 - 350 mm
Seat depth	190 - 380 mm	240 - 430 mm
Seat angle	-10° bis +45°	-10° bis +45°
Backrest height, short	360 - 400 mm	400 - 500 mm
Backrest height, medium	420 - 520 mm	450 - 550 mm
Backrest height, long	480 - 580 mm	520 - 620 mm
Backrest angle	80° - 125°	80° - 125°
Lower leg length	180 - 400 mm	180 - 460 mm
Seat height	260 - 670 mm	260 - 670 mm
Armrest width (clear width)	240, 270, 320, 350 mm	290, 320, 370, 400 mm
User weight base * Maximum load capacity	60 kg	70 kg
User weight seat unit* Maximum load capacity	50 kg	60 kg
Footrest hanger	80° - 140°	80° - 140°
Foot angle	adjustable approx +/- 10°	adjustable approx +/- 10°
Armrest height	80 - 250 mm	80 - 250 mm
Wheel diameter	75, 100 mm	75, 100 mm
Length	880 mm	900 mm
Width	550 mm	630 mm
Maximum height	1090 mm	1150 mm
Weight **	ca. 18,5 kg	ca. 21 kg
Static stability	< 10°	< 10°



**CAUTION!**

\* Accessories and add-ons reduce the remaining load capacity for the passenger proportionally.



**CAUTION!**

\*\* The weights refer to a **TIMO** in basic configuration.

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## 9 Storage

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**TIMO** can be transported and/or stored in the retracted state with the back folded down.

However, it is possible to disassemble the therapy chair into a few smaller packages in a few simple steps.

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



Care instructions!

Clean **TIMO** thoroughly before storage. Be sure to observe the care instructions on page 28.

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## 10 Recycling and disposal

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**TIMO** is made from recyclable materials. The product packaging as well as all metal, aluminum and plastic parts can be recycled.

Disposal must be carried out in accordance with the respective national, statutory regulations.

Please ask the city / municipal administration for local ones waste disposal company.





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