



Instructions for use for authorised dealer and user

JOSI-Wismi Rehab buggy

JW-10001 size S
JW-10002 size M
JW-10003 size L



John GmbH
Ziddelrasen 1b
D-99830 Treffurt

Telefon: +49 36923 8388-0
Telefax: +49 36923 8388-10
E-Mail: info@johngmbh.com
Internet: www.johngmbh.com



Overview Video



Table of contents

1.	Introduction	3
2.	Instructions for use for blind and visually impaired people	3
3.	Intended use	3
4.	CE-conformity	3
5.	Locations for use	3
6.	Contraindications	3
7.	Safety instructions and risks of use	3
7.1	JOSI-Wismi	3
7.2	Additionally when used as a bike trailer	4
8.	Building up JOSI-Wismi	5
9.	Front wheel and adapter	6
10.	Folding JOSI-Wismi	7
11.	Anti-tip an tilting support	9
12.	Undercarriage settings	9
13.	Seat system	10
13.1	Tilt-in-space	10
13.2	Back & Seatposition belts	11
13.3	Seat unit (accessories)	11
14.	Belts	12
14.1	Belt settings	12
14.2	Belt height	13
14.3	Belt length	14
15.	Brake and Parking brake	15
16.	Safety wristline	15
17.	Extension zips & sun canopy	15
17.1	Two zips for extension accessories	15
17.2	Extension for sun canopy	16
17.3	Mosquito net & rain cover	16
18.	Bike drawbar	17
19.	Transport in vehicles	18
19.1	General information	18
19.2	Approved JOSI-Wismi model variants for vehicle transport	19
19.3	Warning and safety instructions for vehicle transport	19
19.4	Use of JOSI-Wismi during vehicle transport	20
20.	Combination with other medical devices	23
20.1	Decon E-Drive	23
21.	Care and maintenance	23
21.1	Technical inspection	23
21.2	Maintenance kit	23
21.3	Care and cleaning Instructions	23
22.	Useful life and long-term durability	23
23.	Re-use	24
24.	Disposal	24
25.	Guarantee	24
26.	Reporting serious incidents	24
27.	Technical data	25
27.1	Measurements	25
27.2	Materials used	26
27.3	Product label	26

1. Introduction

JOSI-Wismi rehab buggy is a quality product from John GmbH. It is the perfect companion for enjoying nature with your loved ones. Different front wheels and a bike drawbar can be easily and quickly mounted using the adapter systems. The JOSI-Wismi adapts to the different landscape features. The base seat system is provided with a padded covering and a tilt in space. Additionally, this base can be equipped with for example pads, footrest and a headrest.

Before using JOSI-Wismi, please read the operating instructions with all notes. In this way, damage due to operating errors can be avoided and optimal use of JOSI-Wismi can be achieved. We reserve the right of error and technical modifications.

Pictures in this manual may differ in detail depending on the configuration.

2. Instructions for use for blind and visually impaired people

These instructions for use can be provided as a PDF on request.

3. Intended use

JOSI-Wismi is a rehab stroller, suitable for children and young people with a severe walking disability or inability to walk. In addition, JOSI-Wismi is "suitable for off-road use" and thus opens up the possibility of moving around in nature. According to the user requirements, JOSI-Wismi can be used as a buggy and as a bike trailer.

The variety of equipment options as well as the modular construction enable use in case of walking disability / inability to walk due to: high or low muscle tone, loss of limbs, limb defect and/or deformity, joint contractures, joint damage.

4. CE-conformity

John GmbH, as manufacturer, declares under its sole responsibility that the JOSI-Wismi is a medical device in compliance with the applicable requirements of Regulation (EU) 2017/745 of the European Parliament and of the Council.

5. Locations for use

JOSI-Wismi is suitable for paved and dirt roads, bike paths and footpaths. The large front wheel and rear wheel camber supports the Off-road capability.

The use of a swivel wheel conditionally allows indoor use.

6. Contraindications

- In case of craniocerebral trauma and / or all diseases in which a hypersensitivity to impact exists, its use as a bike trailer should be avoided.
- The maximum user weight of 85 kg (including payload/luggage) must not be exceeded.

7. Safety instructions and risks of use

7.1 JOSI-Wismi

- ⚠ **Before using the product, it is essential that a professional gives instruction on a safe and proper use of the product.**
- ⚠ Read the operating instructions first. The instructions in this operating manual must be observed to minimize security risks.
- ⚠ Furthermore, caution and common sense are necessary to avoid any dangers. Make sure to familiarize yourself with JOSI-Wismi before your first trip.
- ⚠ Be sure to familiarize yourself with JOSI-Wismi before your first ride riding; characteristics and size (length, height and width).
- ⚠ It is essential to observe the technical data (including the permissible total weight).
- ⚠ Use the combined anti-tip with tilting support if necessary due the circumstances or environment (example: curbside).
- ⚠ Pneumatic tyres should be between 1.5 and 2.0 bar.
- ⚠ When driving uphill or off-road, pay attention to the stability of the buggy, don't drive against obstacles.
- ⚠ Lift JOSI-Wismi on the frame only. JOSI-Wismi is not allowed to be lifted at the handlebar!
- ⚠ Pay attention to the weight balance and do not hang heavy objects on the push handle that influence the centre of gravity.

- ⚠ Always place JOSI-Wismi on horizontal surfaces and pull the parking brake tightly.
- ⚠ Users must always be secured with a belt system.
- ⚠ Never leave the user to be transported unattended, even if he or she is secured by belts and the brakes are locked.
- ⚠ JOSI-Wismi is only approved for the transport of one person. No items, animals or persons are allowed to be transported in the front area.
- ⚠ Ensure that all screw connections, locks and fasteners are tightened securely.
- ⚠ For positioning the user apply the brake.
- ⚠ Use ramps or lifts, steps can only be crossed with the help of another person.
- ⚠ Pay attention to your fingers while adjusting and assembling.
- ⚠ When moving forward, please note that no parts hang out of the JOSI-Wismi.
- ⚠ Make sure that the person being transported does not lean out of JOSI-Wismi, as there is a risk of tipping over and rolling over. In certain cases, arms and legs may have to be positioned additionally. The use of spoke protectors (JW-15800) is recommended.
- ⚠ Use the fixed 12.5" all-terrain front wheel for faster rides (jogging, skating, etc.) or off-road.
- ⚠ Be sure to use the enclosed wrist safety wristline (see chapter Safety wristline).
- ⚠ **All adjustments (centre setting, belt height, etc...) should be made by an authorized dealer. Likewise, unmounted accessories should be mounted by an authorized dealer.**
- ⚠ **If there is a defect or a malfunction of the product or if you have any questions about the proper and safe use of the product, contact your authorized dealer as soon as possible.**
- ⚠ Do not make any changes to the product.

7.2 Additionally when used as a bike trailer

- ⚠ **Please make sure to read the enclosed operating and safety instructions of the "Weber Clutch".**
- ⚠ **Observe the permissible total load of the Weber Clutch of 80kg.**
Example: 25kg JOSI-Wismi = approx. 55kg userweight (incl. payload/luggage).
- ⚠ Pneumatic tyres must be at 3 bar.
- ⚠ Make sure that the bike drawbar is correctly locked and secured (see chapter Bike drawbar).
- ⚠ Make sure that the bike drawbar is correctly locked and secured (see chapter Bike drawbar).
- ⚠ Ensure that the safety lines on the bike drawbar and on the clutch are used (see chapter Bike option).
- ⚠ Always use either the 5-point belt or a chest-shoulder belt combined with a seat trousers. All other belt systems offer too little safety for the bike option due to the risk of sliding and a lack of shoulder fixation.
- ⚠ The user to be transported must always wear a bike helmet.
- ⚠ Do not make any changes to the coupling and do not make any subsequent extensions.
- ⚠ Custom-made constructions for the JOSI-Wismi are **not** approved for use as a bicycle trailer (e.g. table).
- ⚠ Familiarize yourself with the riding characteristics of the bike trailer before your first ride.
- ⚠ The trailer increases the braking distance. Drive with foresight.
- ⚠ Avoid fast cornering and fast changes of direction.
- ⚠ Be sure to fit all parts of the trailer accessories package (JW-15500 or comparable, see ch. Bike drawbar).
- ⚠ Switch on the rear light at dawn and dusk, in the dark or when visibility conditions require it.
- ⚠ Always observe the respective national road traffic regulations and road traffic licensing regulations for the legal requirements for bicycle trailers.
- ⚠ We strongly recommend fitting the following accessories to the JOSI-Wismi as a bike trailer:
 - ✓ Spoke protector (JW-15800 or comparable)
 - ✓ Mosquito net (JW-15600) or rain cover (JW-15300) as protection against insects and small objects (e.g. fine gravel) and to reduce the risk of limbs leaning out.

8. Building up JOSI-Wismi

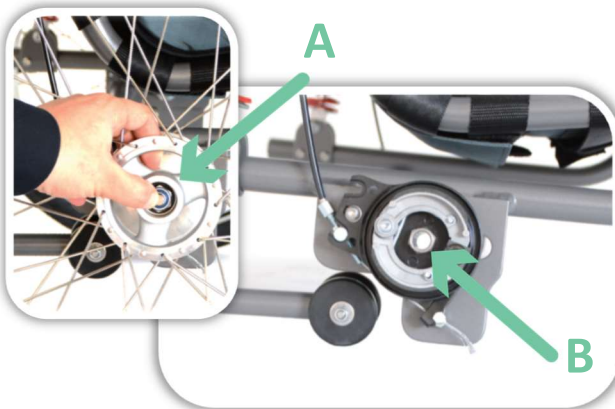


1) Open the back frame

Release the quick release on both sides and open the back frame.
Lock the quick release again.

Attention!

⚠ Make sure that the quick release is correctly locked! The interlocking must engage completely in one another.



2) Fit rear wheels

Push the quick release button (A) and insert the quick release axle into the axle holder (B).
After you have completely inserted the quick release axle, the release can be loosened.

Please note:

Make sure that no foreign substances or dirt get on the axle and the axle support!

Attention!

⚠ Check that the quick release axle is correctly fitted. It must not be possible to remove the rear wheel without pressing the release.



3) Mounting the front wheel or bike drawbar

See chapter Front wheel and adapter.



4) Unfolding and locking the front

Fully open the front panel and lock it by applying light pressure in direction of arrow.

Attention!

⚠ Make sure that the locking mechanism (A) is fully locked in place.



5) Unfold the back

Unlock the quick releases on both sides of the back and bring the back into the desired position.



- 6) Locking the quick release**
Lock the quick releases.

Attention!

⚠ The quick releases can only be operated when the tilt in space is in the upper position.



- 7) Folding ou the sun canopy**
Fold out the sun canopy.

- 8) Adjusting the push handle**
Use the quick-release to release the ergonomic push handle.



- 9) Covering the folding mechanism**
Use the pushbuttons to close the covers for the folding mechanism.

9. Front wheel and adapter



- 1) Stable and safe hold**

The adapter system guarantees a stable and safe hold of all attachments. The perfect shape guarantees a quick change.

For changing an add-on part, only draw the tension-snapper. After that, the add-on part can be removed.



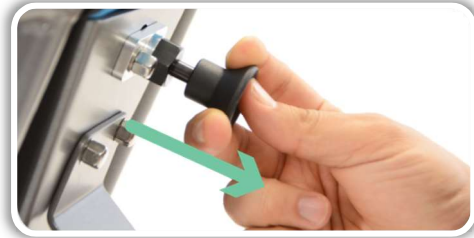
- 2) Mounting**

The add-on parts are mounted by sliding upwards..



Attention!

⚠ Make sure that the locking mechanism is fully locked in place.



3) Dismounting

By pulling the lock, the add-on parts can be easily removed.

Attention!

⚠ Make sure that the add-on part is firmly fixed.



4) Available adapter systems front

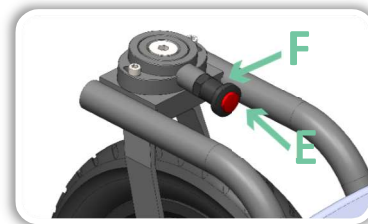
A. 12,5" off-road wheel

B. 8" swivel wheel

C. Bike drawbar

D. 12,5" pro-wheel with locking function

Locking function: Press the red button E to switch on the locking function. Pull the black lever F to switch on the swivel function:



10. Folding JOSI-Wismi



1) Folding mechanism

Open the covers for the folding mechanism. Pull the tension-snapper and pull the folding mechanism in the direction of the arrow.



2) Folding in the front

Fold in the front.



3) Sun canopy / push handle

Fold the sun canopy backwards.
By unlocking the quick-release on both sides the push handle can be moved downwards.

Please note:

The sun canopy / fabric should be folded down accurately.



4) Folding in the back

Open the quick-releases on both sides of the back.

Attention!

⚠ The quick releases can only be operated when the tilt in space is in the upper position.

Fold in the back and lock the two quick-releases.



5) Folding in the back frame

The back frame can be folded in by unlocking the quick release on both sides.



6) Removing the front wheel

See chapter Front wheel and adapter.



7) Removing rear wheels

The rear wheels are removed by pressing the quick release axle.

11. Anti-tip an tilting support



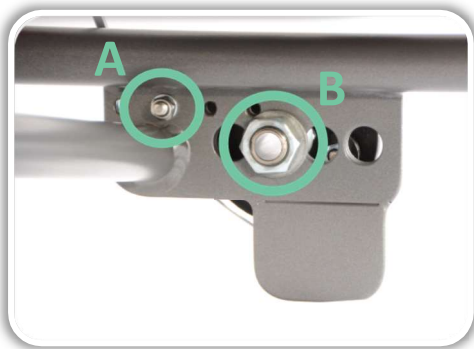
1) Turning out

The anti-tip device is available as an option and can be twisted out by pressing it from above.

Please note:

Additionally, the anti-tip can be used as a tilting support.

12. Undercarriage settings

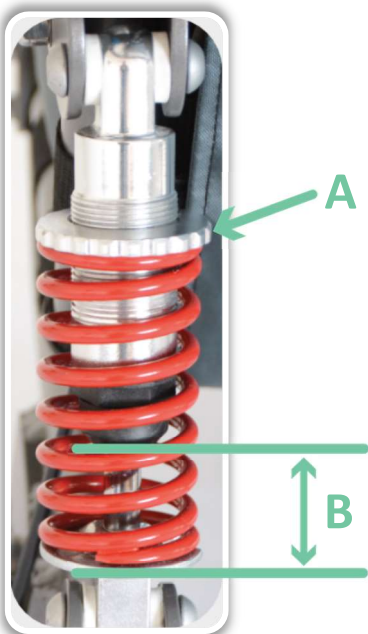


1) Centre of gravity

The centre of gravity can be adjusted via various points on the axis. To do this, screw A and the nut B must be removed (see illustration). It must be ensured that all screws are correctly refitted!

Attention!

- ⚠ An incorrectly adjusted centre of gravity can have a negative impact on driving behaviour.
- ⚠ Tipping backwards due to an incorrectly adjusted centre of gravity has to be avoided.



2) Suspension

The spring stiffness can be adjusted via the adjustment rings A on the suspension. This makes it possible to adjust the suspension to the user's weight. By tensioning the spring (turn adjustment ring clockwise), a higher preload is achieved and thus adapted to a higher weight. For a lower preload, the adjustment ring can be loosened (turn adjustment ring anticlockwise).

Please note:

The spring deflection B (25 mm) should not deflect more than 35% when loaded (JOSI-Wismi, user and luggage) - the effective spring deflection should not fall below the 17 mm.

Attention!

- ⚠ The adjusting ring should not be turned beyond the thread.
- ⚠ The spring should not be loose between the washer and the adjusting ring.

13. Seat system

13.1 Tilt-in-space



1) Stepless tilt-in-space

Open the tilt-in-space lock.

Please note:

It is recommended to use the tilt-in-space without user inside the JOSI-Wismi.

Attention!

- ⚠ Open the lock of the safety strap (see picture under 3) before adjusting the tilt-in-space.
- ⚠ Do not move the tilt-in-space at the upper back, but at the rear seat bracket (A).

2) Moving seat unit in right position

Move the seat unit into the right position.

Tighten the lock again.

3) Safety strap

Close the lock on the safety strap and tighten it to ensure that the tilt-in-space does not tilt backwards.

13.2 Back & Seatposition belts



1) Adjusting the back and seat position belts

For the adjustment of the back and seat position belts, please refer to the instruction video on our website www.johngmbh.com.

13.3 Seat unit (accessories)

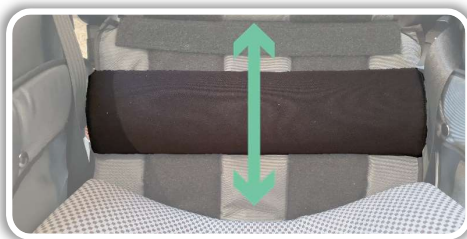


1) Additional padding

The seat unit can be equipped with additional pads for better positioning. All components can be adjusted steplessly using the Velcro surfaces.

Components:

- A. Headrest (shell-shaped or V-form, adjustable via velcro)
- B. Thoracic pads (adjustable) incl. back cushion
- C. Abduction wedge (adjustable)
- D. Anatomically adjustable seat cushion with tuber edge
- E. Side guide or pelvic support (adjustable)
- F. Footrest, basic configuration (adjustable via velcro)



2) Lordosis cushion

The lordosis cushion is height-adjustable with the Velcro strap.



3) Side positioning

The side positioning can be customized to the user. Therefore lift the cushion on the respective side in order to raise the seat position.

Please note:

If needed, the elevation can also be removed completely.

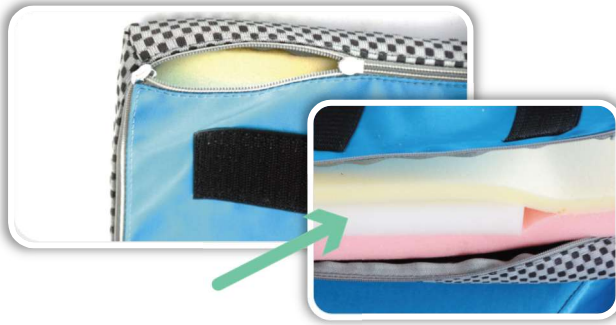


4) Pelvic support

The pelvic supports can be steplessly adjusted to the user. To do this, lift the cushion on the respective side to adjust the support.

Please note:

The pelvic support cannot be combined with the side guide.



5) Tuber edge

The tuber edge can be adjusted by opening and removing the cushion.

In the front part of the cushion, a thicker or thinner foam can be used.

Please note:

If needed, the foam can be removed completely.



6) Back cushion

The back cushion has a variable height.

Fold the back cushion backwards on the upper side at the desired height and velcro it on the inside.

14. Belts

14.1 Belt settings



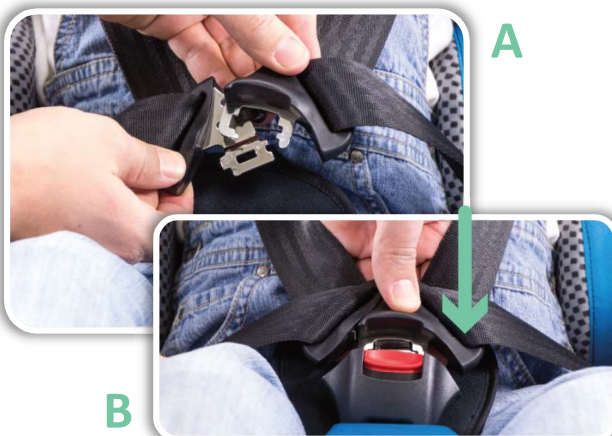
1) Placing the belt

Put the belt on as follows:

The upper straps must be guided over the shoulders and the lower straps over the thighs.

Attention!

- ⚠ Make sure that the belt pads rest against the shoulder.
- ⚠ The pads are equipped with velcro to hold them in position.



2) Close the buckle

A. Place the two buckle parts on top of each other.

B. insert the assembled buckle parts together into the belt buckle.

Please note:

If the belt is too short, start with point 4 (loosen the belt).



3) Adjusting the belt

The belt adjustment is located on the rear side of the back.



4) Adjusting the belt

Adjust the belt by pulling the strap.

Attention!

- ⚠ Adjust the belt system so that it fits close to the body and provides sufficient support.
- ⚠ At the same time, make sure that the straps are fastened in such a way that the user can breathe freely.



5) Loosen the belt

To loosen the belt, press the unlock and pull at the front of the belt

Please note:

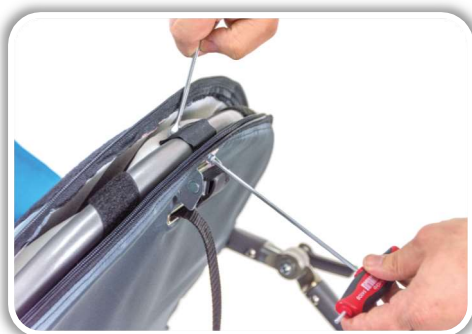
By pressing the red button, the belt can be opened.

14.2 Belt height



1) Open the back

Open the zip to open the back.



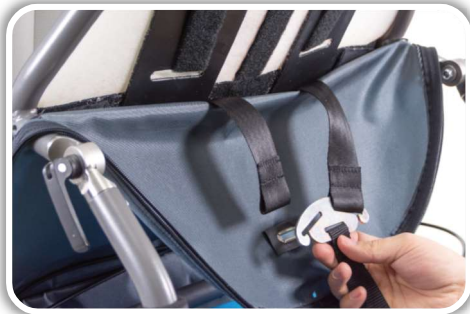
2) Remove the belt adjuster

Loosen the hexagon socket screw at the belt adjuster at the back.

Pull the belt completely out of the belt adjuster to remove it.

Required tools:

- Hexagon socket wrench 8 mm
- Allen key 3 mm



3) Unhook the belt connector

Open the backrest to get to the belt connector.

Unhook the straps at the strap connector and guide them in front direction through the backrest.



4) Guiding the belt

Turn the belt back through the fitting opening.

Please note:

If the slots don't exist yet they need to be cut out by a sharp knife.

Attention!

⚠ Only cut at the designated points to avoid tearing.



5) Inserting the belt

Insert the belt again into the belt connector and check for correct seating.

6) Reassemble backrest & sun canopy

- Close zipper of the back covering up to the middle.
- Mount the belt adjuster at the back (put the screw through the frame and fabric).
- Guide the strap back through the belt adjuster.
- Close back cover completely.
- Close sun canopy completely with zipper.

14.3 Belt length



1) Unhook the bag (if available)

Loosen the holder of the bag with by pulling it off in direction of the arrow.



2) Open the back

Open the back at the velcro surface and put it completely upwards in order to reach the belt adjustment.



3) Adjusting belt adjuster

- Lengthen the belt:
Press the belt adjuster.
- Tighten the belt:
Pull the belt strap and hold the adjuster with the other hand.

Please note:

When the belt is adjusted to the desired length, pull the belt buckles (front) to tighten the belt.

4) Back cover and bag

Close the back cover and add the bag again.

15. Brake and Parking brake



1) Braking

With the two levers both wheels can brake individually. Thus, it is possible to change direction even while going downwards.

Please note:

The brakes can be used as parking brakes. To do this, lock the brake lever using the red lock (A).

16. Safety wristline



1) Attaching

The safety wristline must be attached to the hand bow and your wrist.

Attention!

- ⚠ Always use the safety line on your wrist.
- ⚠ The safety wristline must not be too loose so that the wrist cannot slip out.

17. Extension zips & sun canopy

17.1 Two zips for extension accessories



1) Zips on the sun canopy

The sun canopy is equipped with two zips on the front side.

The following extension accessories can be attached to one of the zips (max. two at a time):

- Extension for sun canopy
- Mosquito net
- Rain cover

17.2 Extension for sun canopy



1) Extension for the sun canopy

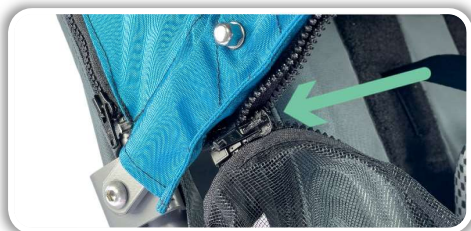
The extension can be attached to one of the two zips on the sun.

17.3 Mosquito net & rain cover



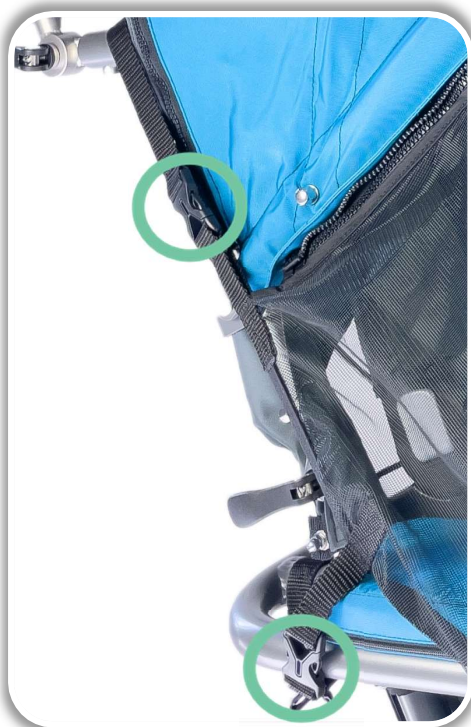
1) Attaching mosquito net & rain cover

The mosquito net or the rain cover are attached to one of the two zips on the sun canopy.



2) Attachment to the sun canopy

Use one of the zips to attach the mosquito net or the rain cover to the sun canopy.

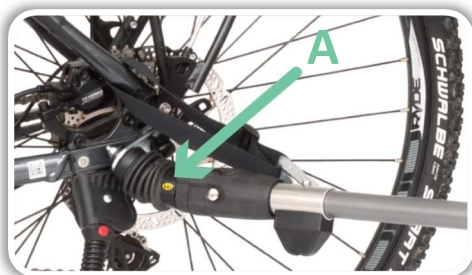


3) Side attachment to the frame

Use the clips to attach the mosquito net or the rain cover to the side of the frame.



18. Bike drawbar



4) Front attachment

Place the mosquito net or the rain cover over the front of the frame and put the rubber band around the pulling lock of the front wheel / bike drawbar.

1) JOSI-Wismi as bike trailer

With the drawbar JOSI-Wismi can also be used as bike trailer. The adapter system guarantees a quick use.

Attention!

- ⚠ Before using the first time, be sure to read the chapter on safety instructions.
- ⚠ The person transported must always wear a bike helmet.

2) Mounting drawbar

Mount the drawbar at JOSI-Wismi (see also chapter Front wheel and adapter).

Attention!

- ⚠ The pull catch / fastener must be additionally fastened by rotating in the direction of the arrow after it has snapped into place.

3) Connecting Weber clutch

Use the Weber clutch to link the drawbar to your bike (see Weber clutch instructions for use).

Attention!

- ⚠ Guide the safety line (A) through the frame of the bike and through the fastener.
- ⚠ Read the Installation Instructions for the Weber coupling and strictly obey them.

4) Fasten the safety line

Connect the safety line using the mounted belt strap.

Attention!

- ⚠ Pass the belt trap through the frame of JOSI-Wismi.



5) Mounting safety kit

Mount the following components:

- 1 reflector white, front side:
 - right-hand traffic: left side
 - left-hand traffic: right side
- 1 rear bike light red, back side:
 - right-hand traffic: left side
 - left-hand traffic: right side
- 1 reflector red, back side:
 - right-hand traffic: right side
 - left-hand traffic: left side
- 1 safety flag

Please note:


Attach the safety flag below the suspension mount on the frame (see picture).

Attention!

- ⚠ Observe the enclosed instructions for use of the individual components of the safety kit.
- ⚠ Switch on the rear light at dawn and dusk, in the dark or when visibility conditions require it.

19. Transport in vehicles

19.1 General information

- ⚠ This chapter refers to the vehicle transport of users in the JOSI-Wismi in authorised vehicles with four-point seat belt wheelchair restraint systems.
- ⚠ We point out that the safest way to transport users is on the fixed vehicle seat. Whenever possible, users should transfer to the fixed vehicle seat, use the original car seat belts installed in the vehicle and secure the folded JOSI-Wismi in the vehicle's load compartment. However, there are users who cannot be transported in the permanently installed vehicle seats and are dependent on wheelchair transport in a suitable vehicle.
- ⚠ Section 19.2 lists the model variants of the JOSI-Wismi that are approved for vehicle transport. These model variants fulfil the requirements of ISO 7176-19:2022-04 "Wheelchairs for use as seats in motor vehicles" (hereinafter ISO 7176-19).
- ⚠ The JOSI-Wismi is **always** used as a seat in a motor vehicle facing forwards in the direction of travel. The shortest possible turning radius of a wheelchair generally allows easier access to the vehicle and better manoeuvrability in a forward-facing position.
- ⚠ To transport users in the JOSI-Wismi in a vehicle, you **always** need the fastening kit for transport in the vehicle, article number JW-12800 (see order form). This article number contains all the accessories required for vehicle transport (see section 19.4).
The vehicle must be equipped with a four-point wheelchair restraint system approved in accordance with ISO 10542. Only this combination of the JOSI-Wismi has been tested and approved in accordance with ISO 7176-19.
- ⚠ The three-point belt restraint system in the vehicle (diagonal shoulder belt) can be easily connected to the integrated lap belt of the power knot adapter mounted on the JOSI-Wismi. Depending on its position in the vehicle, the belt can be fastened over either the right or left shoulder (see section 19.4).
- ⚠ To attach the JOSI-Wismi to the vehicle, only use the attachment points provided on the JOSI-Wismi. The attachment points at the front are mounted on the front attachment of the rear axle and at the rear on the lower attachment of the suspension and are labelled with the following symbol (see section 19.4): 
- ⚠ This chapter on transport in vehicles **does not refer** to the transport of JOSI-Wismi users in public transport. John GmbH does not impose any additional requirements on the product for the transport of JOSI-Wismi users on public transport. However, be sure to always observe the respective requirements and authorisations of the individual transport companies and their individual vehicles.

19.2 Approved JOSI-Wismi model variants for vehicle transport

Only the following JOSI-Wismi models are approved for transporting users with a maximum body weight of 85 kg and meet the requirements of ISO 7176-19:

Model	Art. No. JOSI-Wismi	Equipment (see order form)	Product weight* ¹	Max. user weight incl. payload
JOSI-Wismi size S	JW-10001	<ul style="list-style-type: none"> • 8" swivel front wheel • Fastening kit for vehicle transport incl. additional front stand 	31.5 kg	85 kg
JOSI-Wismi size S	JW-10001	<ul style="list-style-type: none"> • 8" swivel front wheel • Decon E-Drive 20" Big Ben Version *² • Fastening kit for vehicle transport incl. additional front stand 	46 kg	85 kg
JOSI-Wismi size M	JW-10002	<ul style="list-style-type: none"> • 8" swivel front wheel • Fastening kit for vehicle transport incl. additional front stand 	32.5 kg	85 kg
JOSI-Wismi size M	JW-10002	<ul style="list-style-type: none"> • 8" swivel front wheel • Decon E-Drive 20" Big Ben Version *² • Fastening kit for vehicle transport incl. additional front stand 	47 kg	85 kg
JOSI-Wismi size L * ³	JW-10003	<ul style="list-style-type: none"> • 8" swivel front wheel • Fastening kit for vehicle transport incl. additional front stand 	34 kg	85 kg
JOSI-Wismi size L	JW-10003	<ul style="list-style-type: none"> • 8" swivel front wheel • Decon E-Drive 20" Big Ben Version *² • Fastening kit for vehicle transport incl. additional front stand 	48.5 kg	85 kg

*¹ Product weight including fastening kit for vehicle transport.

*² The combination of the JOSI-Wismi with the Decon E-Drive has been approved for vehicle transport by both manufacturers John GmbH and Decon AB.

*³ This model variant of the JOSI-Wismi in size L was successfully crash-tested in accordance with ISO 7176-19 and is the heaviest authorised model variant. As it is unfortunately not possible to test all model variants individually, the so-called "worst case" was tested. All other models listed are lighter than the model variant tested, they have the same construction with the same dynamic properties and are therefore also approved by John GmbH for vehicle transport.

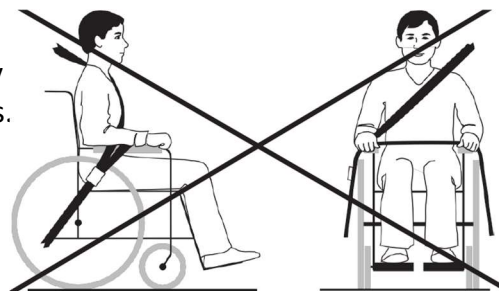
19.3 Warning and safety instructions for vehicle transport

Please observe the following warnings and safety instructions when transporting in vehicles:

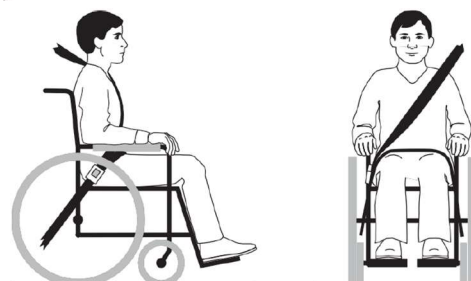
- ⚠ In the vehicle, always use at the same time the integrated red-coloured lap belt of the fastening kit for vehicle transport in the JOSI-Wismi, the diagonal shoulder belt fitted in the vehicle and a four-point wheelchair restraint system approved in accordance with ISO 10542 to reduce the possibility of head and chest impact with vehicle parts.
- ⚠ **Be sure to read section 19.4 Use of JOSI-Wismi during vehicle transport.**
- ⚠ **Be sure to read the additional instructions for use for the power knot system (AMF-Bruns).**
- ⚠ Always position the JOSI-Wismi forwards in the direction of travel and apply the parking brake.
- ⚠ The *Approved JOSI-Wismi model variants for vehicle transport*, listed in section 19.2, comply with the requirements of ISO 7176-19 and have been constructed and dynamically tested only for use as a forward-facing seat in a motor vehicle, with the test dummy secured with a three-point seat belt.
- ⚠ The seat tilt of the JOSI-Wismi must be brought into the upper position and secured with the safety belt (see section 19.4).
- ⚠ Loose parts should **not** be left in the JOSI-Wismi during vehicle transport and must be removed and stowed safely.
- ⚠ The rear bag should **not** be used during vehicle transport.

- ⚠ Custom made products for the JOSI-Wismi (e.g. therapy table or mounted tablet) are **not** approved for vehicle transport and must be removed and stowed safely.
- ⚠ Other aids and/or accessories attached to the JOSI-Wismi also are **not** authorised for vehicle transport and must be removed and stowed safely.
- ⚠ All head support variants for the JOSI-Wismi and the abduction wedge are **not** approved for vehicle transport and must be removed and stowed safely.
- ⚠ All other JOSI-Wismi positioning accessories available in the order form meet the requirements of ISO 7176-19 and may be used for vehicle transport.
- ⚠ The belt systems for the seat positioning of the JOSI-Wismi may be used during vehicle transport. These belt systems are **not** a substitute for the occupant restraint system. The red-coloured lap belt and the shoulder belt of the vehicle must always be used during vehicle transport.
- ⚠ Users in the JOSI-Wismi should **not** be transported in the vehicle if modifications or additions have been made to the attachment points of the JOSI-Wismi, to the structure and frame parts or to components.
- ⚠ Users in the JOSI-Wismi may **not** be transported in the vehicle if there is a defect.
- ⚠ The JOSI-Wismi must be taken out of service if it has been involved in an accident.
- ⚠ If a 20" Decon E-Drive is fitted to the JOSI-Wismi, it must be switched off or the battery must be removed during vehicle transport.
- ⚠ When putting on the diagonal shoulder belt and the wheelchair restraint system, make sure that the belt buckle is positioned so that the release button will not be contacted and opened by components of the JOSI-Wismi during a crash.

- ⚠ The belt restraints should **not** be held away from the body by components of the JOSI-Wismi such as frame or wheels.
- ⚠ The belts should **not** be twisted.



- ⚠ The diagonal shoulder belt and the red-coloured lap belt integrated in the JOSI-Wismi should make full contact with the shoulder, chest and pelvis. The red-coloured pelvic belt must be positioned low on the pelvis near the thigh-abdominal junction. (see section 19.4).



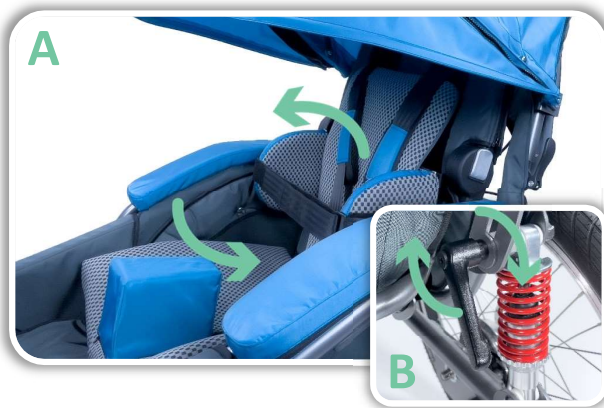
19.4 Use of JOSI-Wismi during vehicle transport



1) Fastening kit for vehicle transport

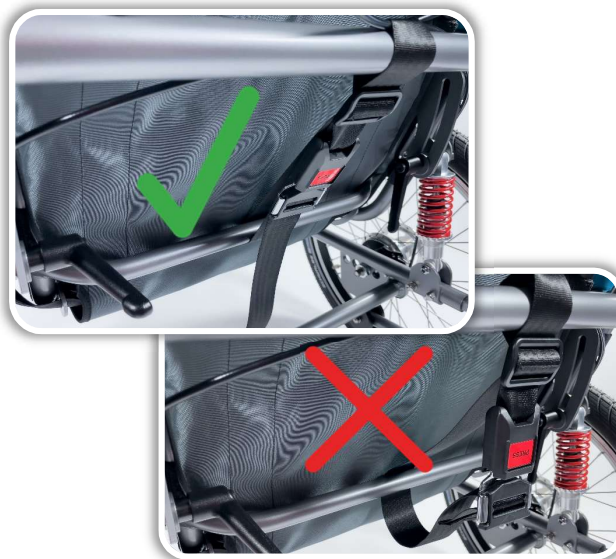
The JOSI-Wismi is only approved for vehicle transport in the authorised configurations if the fastening kit for vehicle transport (article number JW-12800) is fully installed:

- A. Power knot system from Fa. Bruns including attachment eyelets with sticker "attachment point restraint system" & red-coloured lap safety belt.
- B. Sticker "Conformity with ISO 7176-19" on the back of the connecting tube between the two armrests.
- C. Additional front stand.



2) Tilt-in-space in the upper position

- A. The tilt-in-space of the JOSI-Wismi must be set in the highest position during vehicle transport.
- B. Tighten the seat tilt lock after setting the highest position.



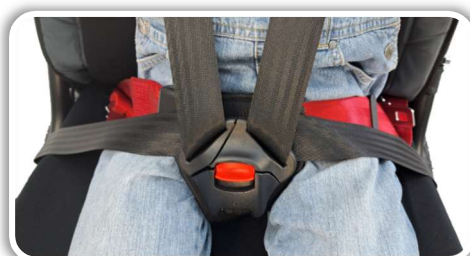
3) Safety strap tilt-in-space

To ensure that the tilt-in-space cannot tip backwards; place the safety strap around the frame of the seat tilt, close the fastener and tighten it:

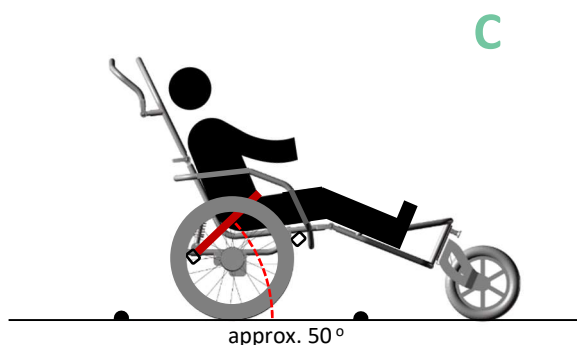
- A. **Correct:** The safety strap is tightened.
- B. **Incorrect:** The safety strap is not tightened.



A



B



C

approx. 50°

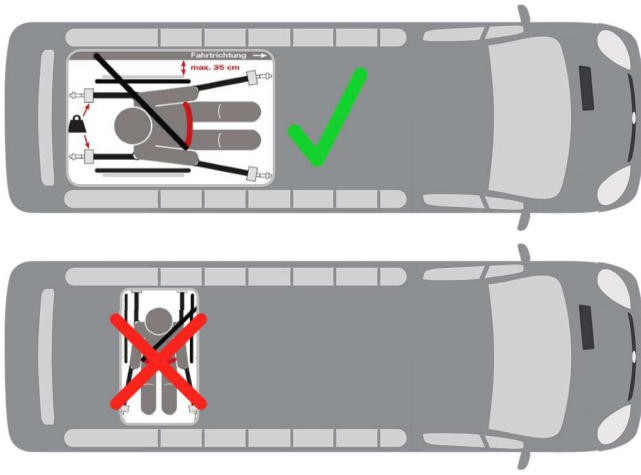
4) Integrated red-coloured lap belt

The integrated red-coloured lap belt is integrated in the JOSI-Wismi and must be used during vehicle transport:

- A. Place the belt around the user's pelvis and close the buckle.
Tighten the belt so that it fits close around stomach and thighs.
- B. Place the black belt system of the JOSI-Wismi over the red-coloured lap belt. The black belt system is **not** a safety belt for vehicle transport and is only used to position the user in the seat.
- C. The red-coloured integrated lap belt is mounted directly to the JOSI-Wismi's power knot system at an angle of approx. 50° to the horizontal. This corresponds to the preferred angle of ISO 7176-19; between 45° and 75° to the horizontal.

Note:

It is recommended that you fasten the red-coloured lap belt before driving the JOSI-Wismi into the vehicle.



5) Forward in direction of travel

Drive the JOSI-Wismi forwards in the direction of travel in the vehicle with a restraint system, approved according to ISO 10542, suitable for transporting people in a wheelchair.

Attention!

- ⚠ The JOSI-Wismi must always be positioned facing forwards in the direction of travel and at a maximum distance of 35 cm from one of the side walls of the vehicle.

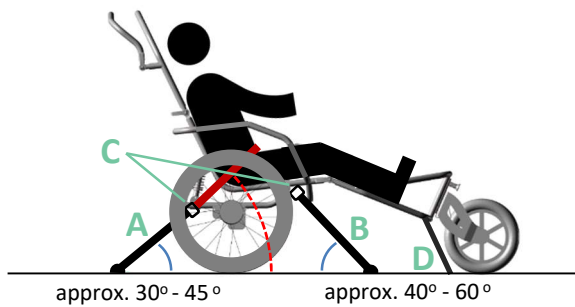


6) Application Additional stand

Fold out the stand completely.

Attention!

- ⚠ Always use the additional stand in combination with the 8" swivelling wheel.
- ⚠ The swivelling wheel should point to the rear during vehicle transport.



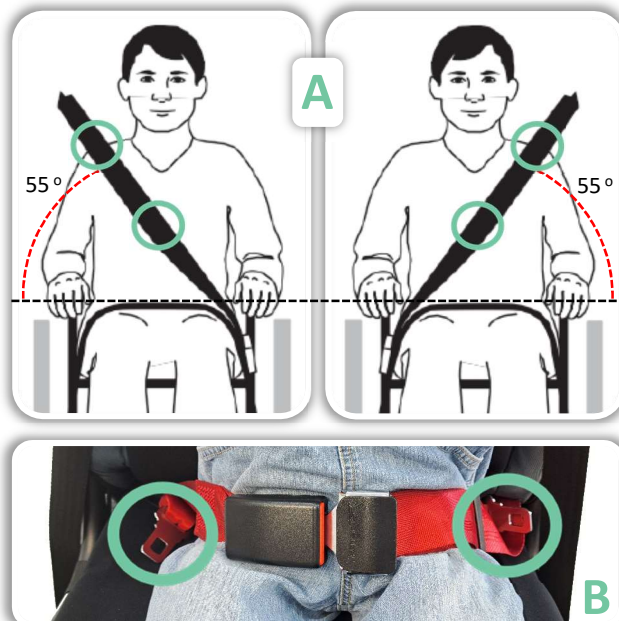
7) Wheelchair restraint system

Straps **A** and **B** of the four-point wheelchair restraint system must be attached to the attachment eyelets provided on the JOSI-Wismi's power knot system (**C**), at a maximum angle of 30-45° (**A**) to the horizontal at the rear and 40-60° (**B**) at the front.

(**D** = additional stand)

Note:

The attachment points at the front are mounted on the front attachment of the rear axle (**E**) and at the rear on the lower attachment of the suspension (**F**) and are labelled with the following symbol:



8) Shoulder sloping belt

- A.** Position the diagonal shoulder belt close to the body, in the centre of the shoulder and over the centre of the sternum. The diagonal shoulder belt should have an angle of approx. 55° to the horizontal. Depending on its position in the vehicle, the belt can be fastened over either the right or left shoulder.
- B.** Connect the vehicle's diagonal shoulder belt to the right or the left buckle tongue of the red-coloured lap belt, depending on its position in the vehicle.

Attention!

- ⚠ The belt should not be twisted during use.
- ⚠ The belt should be adjusted as close to the body as possible but should not affect the user's comfort.

20. Combination with other medical devices

20.1 Decon E-Drive



9) Decon E-Drive 20" Big Ben Version

- incl. battery / battery bag and charger.
- payload capacity 125kg (total weight buggy, user & payload/luggage excl. weight of E-Drive).

Attention!

- ⚠ The maximum user weight of 85kg incl. payload/luggage must not be exceeded also in combination of the JOSI-Wismi with E-Drive.
- ⚠ Two anti-tip devices (left & right) must be mounted and used (see chapter *Anti-tip and tilting support*).
- ⚠ For the operating instructions and guarantee conditions, please observe the enclosed manual for the Decon E-Drive!
- ⚠ It is recommended to have the installation carried out by the manufacturer (John GmbH). The installation must be carried out by a specialist.

21. Care and maintenance

21.1 Technical inspection

- | | |
|--|--------------------------|
| • Visual inspection e.g. for damage: | before each trip |
| • Belt system settings and buckle: | before each trip |
| • Brake test: | before each trip |
| • Connections and interlocks: | before each trip |
| • Lights (if available): | before each trip |
| • Tyre pressure: | weekly, before each trip |
| • Wearing parts (wheels, bearings, bowden cables, etc...): | monthly |
| • Screwed connections: | monthly |

If there are any defects, please contact your specialist dealer to have them rectified.

21.2 Maintenance kit

We recommend replacing hinges and toothed hinges every two years.

Use the maintenance kit for this (see spare parts list).

21.3 Care and cleaning Instructions

The frame may be cleaned with commercially available cleaning agents. All fabrics can be washed off with warm water and disinfected with commercially available disinfectants for textiles and surfaces (NO chlorine!).

Store your JOSI-Wismi in a dry, well-ventilated place. Before storage, JOSI-Wismi should be dry to avoid mould and the formation of mildew stains. Expose JOSI-Wismi to direct sunlight as little as possible to prevent the colours from fading.

Do not store the product hitched to the bicycle for long periods of time.

22. Useful life and long-term durability

The useful life of the JOSI-Wismi has been set by the manufacturer at 5 years. With regular and proper care, maintenance and repair by the manufacturer, the service life of the JOSI-Wismi (**with the exception of the authorisation for vehicle transport**) can be extended depending on the intensity of use.

JOSI-Wismi is made of corrosion-resistant material (see materials used in chapter *Technical data*). The product has parts or components that are subject to natural wear and tear, even under normal use, but this depends very

much on the individual type and intensity of use as well as the state of maintenance and care. Particularly in the case of intensive use (daily use in all weather conditions, etc.), individual parts or components may reach their wear limit even before the end of the statutory warranty period and specified useful life. In these cases of premature wear due to use, however, the product is not automatically defective.

Reaching the wear limit is influenced by, among other things:

- the mileage in km
- the load caused by passengers and luggage
- the driving style: hardness of starting and braking
- fast cornering
- the influence of the weather: UV radiation
- humidity
- dirt
- temperature
- salty air
- contact with salt water
- roads strewn with salt
- storage
- the state of maintenance
- maintenance and inspection work

23. Re-use

The product is only suitable for re-use if the safety and characteristics of the product have not changed due to previous use. In general, it is recommended to have JOSI-Wismi serviced by the manufacturer before reuse.

For re-use, the condition of use and the safety of the product must be checked and ensured by the specialist dealer on the basis of the maintenance instructions (available from the manufacturer). Wear parts should be replaced before reuse (see maintenance instructions). Cleaning and disinfection of the product must be carried out according to the cleaning instructions.

For hygienic reasons, padding parts that come into direct contact with the skin should be replaced when the product is used again.

24. Disposal

The product must be disposed in accordance with the respective national legal requirements.

25. Guarantee

The following guarantee conditions apply to manufacturing and material defects:

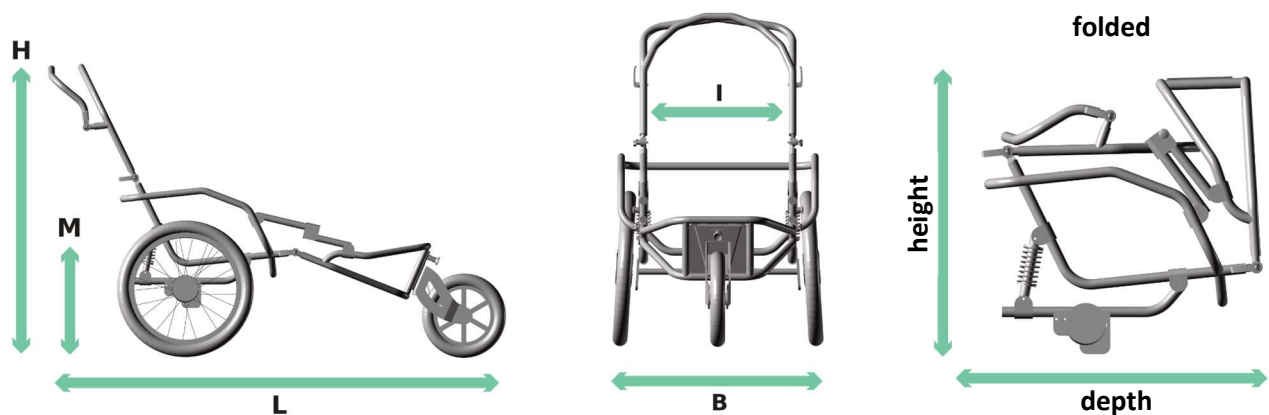
- 2 years general guarantee on the product (except wearing parts).
- 3 years on the aluminium frame.
- The guarantee conditions of the Decon electric drive (if mounted) can be found in the product manual.

26. Reporting serious incidents

All serious incidents occurring in connection with the products must be reported to the manufacturer (John GmbH) and the competent authority. „Serious incident“ means any incident that directly or indirectly led, might have led or might lead to any of the following: the death of a patient, user or other person; the temporary or permanent serious deterioration of a patient's, user or other person's state of health; a serious public health threat – an event which could result in imminent risk of death, serious deterioration in a person's state of health, or serious illness, that may require prompt remedial action, and that may cause significant morbidity or mortality in humans, or that is unusual or unexpected for the given place and time. (*Regulation (EU) 2017/745*)

27. Technical data

27.1 Measurements




JOSI-Wismi	size S JW-10001	size M JW-10002	size L JW-10003
body size	ca. 90 - 120 cm	ca. 120 - 150 cm	ca. 150 - 175 cm
height: H	116 cm	116 cm	121 cm
length: L	155 cm	168 cm	178 cm
track width: B	78 cm	78 cm	78 cm
inner width: I	41 cm	41 cm	41 cm
seat height: M (incl. cushion)	48 cm	48 cm	48 cm
seat width	up to 41 cm	up to 41 cm	up to 41 cm
seat depth	up to 38 cm	up to 38 cm	up to 38 cm
length lower legs	up to 44 cm	up to 55 cm	up to 62 cm
total back height	80 cm	80 cm	90 cm
pack sizes: wdh (ex. anti-tip)	68 x 72 x 66 cm	68 x 68 x 65 cm	68 x 70 x 61 cm
user weight / payload	max. 85 kg	max. 85 kg	max. 85 kg
weight folded frame (with covering)	21 kg	22 kg	23,5 kg
weight common configuration	27,5 kg	28,5 kg	30 kg
rear wheels	20"	20"	20"
front wheels	8" / 12,5"	8" / 12,5"	8" / 12,5"
wheel camber	5°	5°	5°
tilt-in-space	up to 35°	up to 35°	up to 35°

27.2 Materials used

tubular frame	aluminium-round tube, AlMgSi0,5/EN AW-6060 T66, powder-coated
laser-edged parts	aluminium AlMg3, powder-coated
turned / milled parts	AW6 0682-AISi1; 1.4301-A2
screw and fastening material	stainless steel A1/ A2; steel 10.9 galvanised
upholstery fabric	"Supratex" nylon fabric PU coated
upholstery	polyether foam
belts	polyester belt webbing; polyamid hook/loop webbing
rear wheels	aluminium rim and hub, stainless steel spokes
front wheels	plastic rim

27.3 Product label

The weather-resistant product label of the JOSI-Wismi is located on the rear wheel axle.

 If the product label is no longer readable, be sure to contact your specialist dealer so that a new type label can be requested from the manufacturer.

John GmbH

Ziddelrasen 1b - D-99830 Treffurt - Tel: +49 36923 8388-0 - Fax: +49 36923 8388-10 - info@johnmbh.com