

Bruksanvisning
Josi Wismi E-drive vogn

BANO LIFE



Instructions for use for authorised dealer and user

JOSI-Wismi

Rehab buggy

JW-10001 size S

JW-10002 size M

JW-10003 size L

&

Seatshell baseframe

JW-11001 size S

JW 11002 size M

JW 11003 size L



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CE

MD

WE MANUFACTURE IN GERMANY 

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1. Introduction

JOSI-Wismi is a quality product from John GmbH. It is the perfect companion for enjoying nature with your loved ones. Different wheels, a bike drawbar and a buggy-trike backside 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 (model year 2022 / model year 2017).

2. Intended use

JOSI-Wismi is 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, bike trailer and as a buggy-trike. 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 or joint damage.

3. 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.

4. 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.

5. 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.

6. Overview and equipment

6.1 Rehab buggy

- Tilt-in-space up to 35°
- 12,5" off-road wheel or 8" swivel wheel
- 20" rear wheels incl. drum brakes
- thru axle for rear wheels
- two brake levers with parking brake
- adjustable suspension on both wheels
- adjustable ergonomic hand bow / push handle
- aluminium safety frame
- foldable frame (without tools)
- sun cover with coverable window incl. safety bar
- 5-point harness, padded with comfort adjustment
- armrests, upholstered
- padded covering (seat, backrest, side parts, front and armrests)
- footrest, adjustable
- anti-tipping device with tipping lever (accessory)

6.2 Seatshell baseframe

- 12,5" off-road wheel or 8" swivel wheel
- 20" rear wheels incl. drum brakes
- thru axle for rear wheels
- two brake levers with parking brake
- adjustable suspension on both wheels
- adjustable ergonomic hand bow / push handle
- aluminium safety frame
- foldable frame (without tools)
- sun cover with coverable window incl. safety bar
- Mounting plate can tilt up to 35°, knee angle mount on mounting plate
- anti-tipping device with tipping lever, turnable (accessory)

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 attach heavy objects to 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 the 5-point safety belt.
- ⚠ 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 for the seatshell baseframe

- ⚠ Check if the seatshell is firmly connected to the adapter.
- ⚠ Check whether the adapter is firmly screwed to JOSI-Wismi.
- ⚠ Make sure that the respective adapter is correctly locked (e.g. pull catch).

7.3 Additionally when used as a buggy-trike in combination with JOSI-Bike

- ⚠ See instructions for use JOSI-Bike.

7.4 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).
- ⚠ Use the 5-point seat belt.
- ⚠ 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 Kpt. Bicycle drawbar).
- ⚠ 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. Transport in vehicles

- ⚠ We point out that users are most safely transported on the fixed seat of a vehicle with a normal seat belt. However, there are users who cannot be transported on the seat integrated in the vehicle and are dependent on vehicle transport in a wheelchair.

JOSI-Wismi model year 2022 (JW-10001, JW-10002 & JW-10003) has been crash tested according to ISO 7176-19 and is approved for user transport in vehicles. **Be sure to observe the following safety instructions for vehicle transport:**

- ⚠ For in-car transport, you will need the fastening kit for vehicle transport, item number JW-12800 (see measuring sheet), incl. AMF Transit Tie-Downs, hip belt and additional stand.
- ⚠ In the vehicle, be sure to use the integrated hip belt of the fastening kit, the inclined belt fitted in the vehicle and a wheelchair restraint system approved according to ISO 10542.
- ⚠ **Be sure to read the additional instructions for use for the fastening kit and the wheelchair restraint system (AMF-Bruns).**
- ⚠ Position the JOSI-Wismi forward in the direction of travel and apply the parking brake.
- ⚠ The seat tilt of the JOSI-Wismi must be placed in the upper position (see paragraph 14.1).
- ⚠ The additional stand must be used to reduce the pressure on the front wheel:



1) Application of additional stand

Fold out the stand completely

Please note for swivel wheel:

The swivel wheel should point to the back during vehicle transport.

- ⚠ The headrests (JW-10101 & JW 10102) are **not** approved for vehicle transport.
- ⚠ The steel axle with disc brakes (JW-18100 / JOSI-Bike) is **not** approved for vehicle transport.
- ⚠ Loose parts must **not** lie in the JOSI-Wismi during vehicle transport and must be removed and stowed safely.
- ⚠ The rear bag must **not** be used during vehicle transport.
- ⚠ Custom-made constructions for the JOSI-Wismi are **not** approved for vehicle transport (e.g. therapy table).
- ⚠ The JOSI-Wismi must **not** be transported in the vehicle if there is a defect.
- ⚠ The JOSI-Wismi must be taken out of use if it has been involved in an accident.

9. 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!

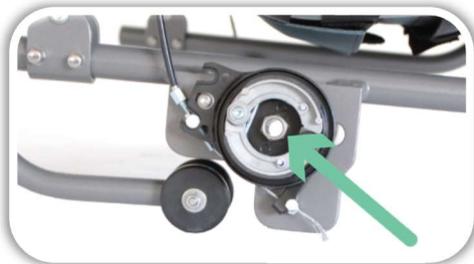
- ⚠ Make sure that the quick release is correctly locked! The interlocking must engage completely in one another.



2) Fit rear wheels

Hold down the release button and insert the quick release axle into the axle holder.

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) Folding and locking the front

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

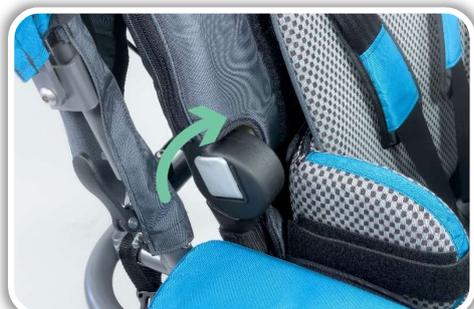
Attention!

⚠ Make sure that the locking mechanism 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.

10. 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

5) Available adapter systems axle

- D. JOSI-Bike (JOSI-Wismi as buggy-trike)

11. Folding JOSI-Wismi



1) Folding mechanism

Open the covers for the folding mechanism.
Pull on 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 adapter

See chapter Front wheel and adapter.



7) Removing rear wheels

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

12. Anti-tip



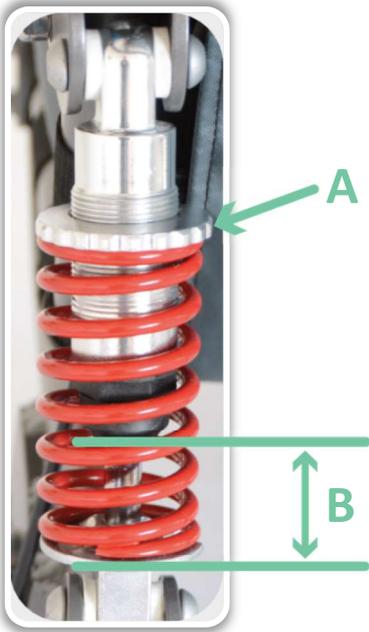
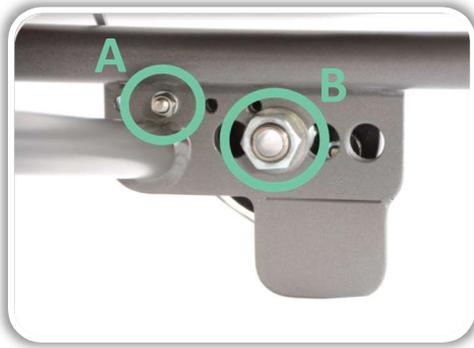
1) Turning out

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.

13. Undercarriage settings



14. Seat system

14.1 Tilt-in-space



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.
- ⚠ Tilting 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.

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-Jogger.

Attention!

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



- 2) Moving seat unit in right position**
Move the seat unit into the right position.

Tighten the lock again.



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

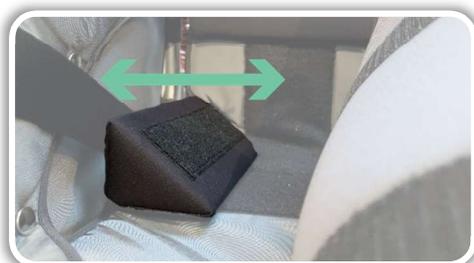
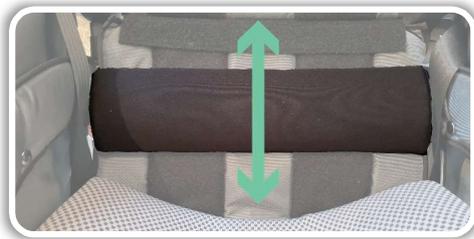


14.2 Back & Seatposition belts



- 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.

14.3 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 shallow, 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.

15. Belts

15.1 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.



15.2 Belt height



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.

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



15.3 Belt length



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.

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.



16. Brake and Parking brake



17. Safety wristline



18. Extension zips & sun canopy

18.1 Two zips for extension accessories



4) Back cover and bag

Close the back cover and add the bag again.

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.

Attention!

⚠ JOSI-Wismi in combination with the JOSI-Bike accessory has a different braking system with a single brake lever (see JOSI-Bike instructions for use). With this brake lever it is not possible to change the direction of travel as described above.

1) Attaching

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

Attention!

⚠ The safety wristline must not be too loose so that the wrist cannot slip out.

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

18.2 Extension for sun canopy



2) Extension for the sun canopy

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

18.3 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.



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.

19. 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.



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!

⚠ 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.

20. Combination with other medical devices



6) Decon E-Drive 20" Big Ben Version

- NiMh 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-tippers are recommended (left / right).
- ⚠ Be sure to observe the enclosed instructions for use 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.



7) Seating systems (Seatshell baseframe)

The Seatshell baseframe (JW-11001, JW-11002 & JW-11003) can be combined with any common available self-supporting wheelchair seating system using the John GmbH adapter system or any other suitable adapter.

21. Seatshell baseframe



8) Attaching seatshell

JOSI-Wismi seatshell baseframe is equipped with an edgable mounting plate to enable the attachment of seatshells. It is possible to choose between different adapters when ordering.

9) Tiltable mounting plate

By pressing the release on the push handle, you can adjust the angle of the mounting plate. Keep the release button pressed while adjusting the pick-up. When it is in the desired position, you can release the release. The pick-up will now remain in the desired position.

10) Adapter systems

The mounting plate can be equipped with different adapter systems (e.g., trapezoidal adapter). Please observe the respective operating instructions of the installed adapter as well as the safety instructions.

11) Footrests

Footrests tilt automatically together with the mounting plate.

22. Care and maintenance

22.1 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.

22.2 Maintenance kit

We recommend replacing hinges and toothed hinges every two years. Use the maintenance kit for this (see spare parts list).

22.3 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.

23. Useful life and long-term durability

JOSI-Wismi is made of corrosion-protected material (see materials used in chapter Technical data). The product contains parts or components that are subject to natural wear and tear even during normal use and is very much dependent on the individual type and intensity of use as well as the state of maintenance and care. Particularly in case of intensive use (daily use in all weather conditions or similar), individual parts or components may reach their wear limit even before the legal warranty period has expired. In these cases of premature wear due to use, however, there is not automatically a defect in the product.

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

24. 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.

25. Disposal

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

26. Warranty, liability and guarantee

26.1 Warranty and liability

The warranty and liability correspond to the General Terms and Conditions (GTC) of John GmbH (see www.johngmbh.com).

26.2 Guarantee

The following warranty conditions apply to manufacturing and material defects:

- 3 years on the aluminium frame
- 1 year on wheels, brakes and brake lever
- 1 year on hinges (plastic / stainless steel)

27. Reporting serious incidents

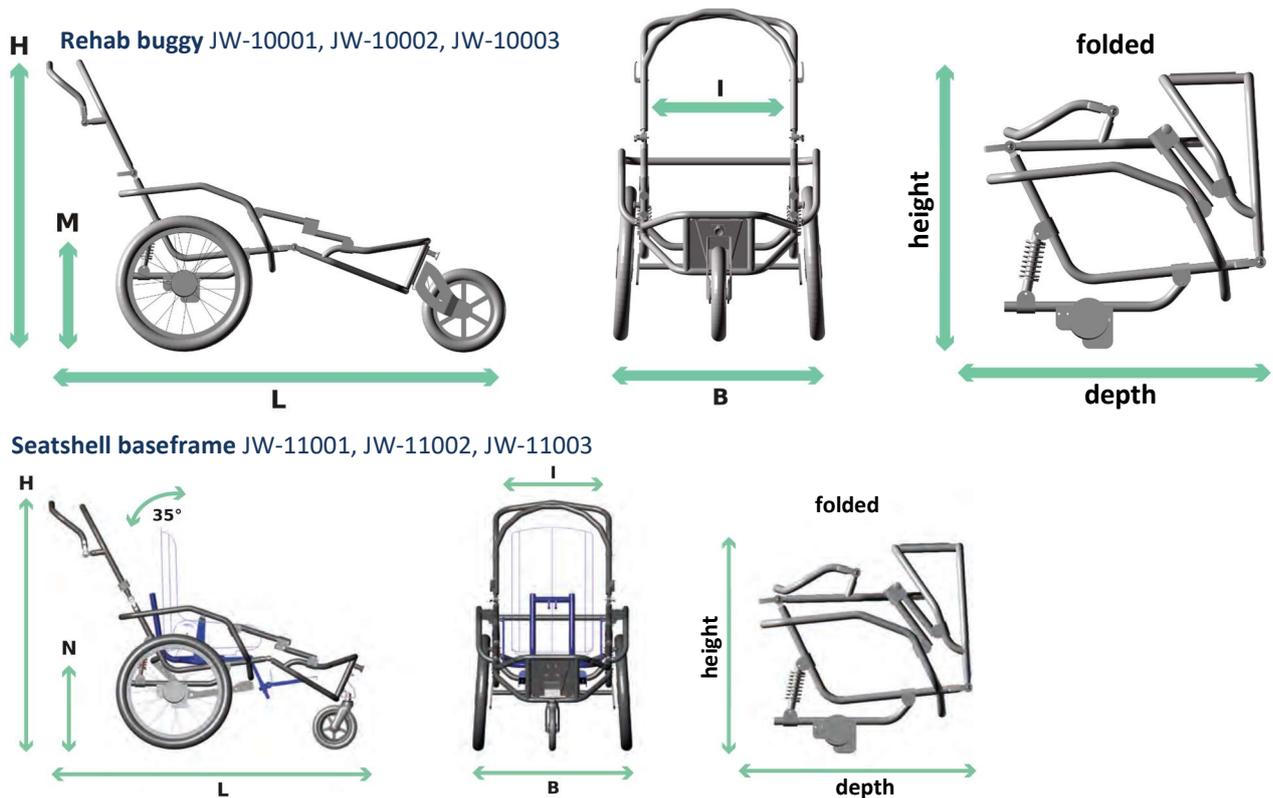
All serious incidents occurring in connection with the products must be reported to the manufacturer (John GmbH) and the competent authority. „Serious incident“ means any incident that directly or indirectly led, might have led or might lead to any of the following: the death of a patient, user or other 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*)

28. Technical data

28.1 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-AlSi1; 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

28.2 Measurements



JOSI-Wismi	size S		size M		size L	
	JW-10001	JW-11001	JW-10002	JW-11002	JW-10003	JW-11003
Body size	up to 120cm	-/-	up to 150cm	-/-	up to 175cm	-/-
height: H	118 cm	111 cm	118 cm	111 cm	128 cm	121 cm
length: L	156 cm	156 cm	167 cm	167 cm	178 cm	178 cm
track width: B	79 cm	79 cm	79 cm	79 cm	79 cm	79 cm
inner width: I	44 cm	47 cm	44 cm	47 cm	44 cm	47 cm
seat height: M	45 cm	-/-	45 cm	-/-	45 cm	-/-
height mounting plate: N	-/-	43 cm	-/-	43 cm	-/-	43 cm
seat width	up to 45 cm	-/-	up to 45 cm	-/-	up to 45 cm	-/-
seat depth	up to 38 cm	-/-	up to 38 cm	-/-	up to 38 cm	-/-
seat length	up to 44 cm	-/-	up to 52 cm	-/-	up to 60 cm	-/-
total back height	80 cm	80 cm	80 cm	80 cm	90 cm	90 cm
packing dimensions: wdh	68x67x62cm	68x67x62cm	68x67x62cm	68x67x62cm	68x71x64cm	68x71x64cm
user weight / payload	max. 85 kg	max. 85 kg <i>(incl. seat)</i>	max. 85 kg	max. 85 kg <i>(incl. seat)</i>	max. 85 kg	max. 85 kg <i>(incl. seat)</i>
weight (frame / fabric)	18 kg	16 kg	19 kg	17 kg	20,5 kg	19,5 kg
rear wheels	20"	20"	20"	20"	20"	20"
front wheels	8" / 12,5"	8" / 12,5"	8" / 12,5"	8" / 12,5"	8" / 12,5"	8" / 12,5"
wheel camber	5°	5°	5°	5°	5°	5°
back angle	110°	110°	110°	110°	110°	110°
seat angle	8°	-/-	8°	-/-	8°	-/-
tilt-in-space	up to 35°	up to 35°	up to 35°	up to 35°	up to 35°	up to 35°

John GmbH

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