



Multifunction-Wheelchair

Model 9.072

Operating manual



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MEANING OF THE APPLIED MARKERS

Safety instructions with a coloured background are mandatory and need to be observed under any circumstance!

- ☞ This symbol indicates tips and recommendations
- [] Reference to a picture number
- () Reference to a function element within a picture.

INTRODUCTION

Read and observe this manual before first operation. Children and juveniles should read this documentation together with their parents respectively a supervisor or accompanying person before first use.

This operating manual is to help you get accustomed to the handling of the wheelchair as well as to prevent accidents.

- ☞ Please note that the illustrated equipment variants can deviate from your model.

We have therefore also listed chapters with options that might not be applicable for your vehicle.

Users with visual impairments can find the PDF-files together with further information on our website:

< www.meyra.com >.

- ☞ Contact your specialist dealer when required.

Information about product safety, possible recalls and general handling instructions of our products can be found in the < *Infozentrum* > on our website:

< www.meyra.com >.

Our implemented assembly groups and components fulfil the demands of the

norms of correspondence acc. to EN 12183 for durability against inflaming.

LIST OF MODELS

This operating manual applies to the following models:

Model 9.072

INDICATIONS

In case of allergic reactions, skin rashes and/or pressure sores during the use of the wheelchair sores contact a doctor immediately.

If the following indications occur we recommend the application of this mobility product:

- ☞ Provision with a handrim wheelchair with seat camber and manual seat adjustment is then advised when long term upright sitting in a common wheelchair is no longer possible for the user due to his condition and the person in need of care spends long periods inside the wheelchair.

ACCEPTANCE

All products are checked for faults and packed in special boxes.

- ☞ However, we request that you check the vehicle for possible transport damage immediately on receipt – preferably in the presence of the carrier.
- ☞ The packaging of the wheelchair should be stored for a further transport that might become necessary.

SPECIFICATIONS

The wheelchair was developed for adults and adolescents. The wheelchair solely serves to transport one person in the seat and not as a hauling aid, transporter or similar. The wheelchair serves to ease care measures and for relief and support of the person in need of care. On the version with large drive wheels, smaller changes in position of the wheelchair in rooms can be carried out by the user himself with help of the handrims.

USE

Do not reach into the spokes or grip the tyres of the rotating wheels. – Danger of injury!

Do not reach into the space between the pressure brake and the tyre when propelling the wheelchair. – Danger of injury!

Avoid a jerky propulsion of your wheelchair. – Danger of tipping over or tilting!

Do not use the wheelchair without attached leg supports and arm support units!

Your wheelchair with a seat width of more than 500 mm is not suited for transport in a train.

The wheelchair is applicable on level, firm surfaces and can be used as follows:

- for indoors (e.g. apartment, day care),
- outdoors (e.g. paved paths in parks),

Never expose the wheelchair to extreme temperatures and damaging environmental conditions, such as sunlight, extreme cold or salty water.

Sand and other dirt particles can seize on moving parts and render them without function.

Use only the handrims on the drive wheels to propel your wheelchair.

You must not let yourself be carried in your wheelchair by having the wheelchair lifted from the floor. Parts that are not securely fixed, e.g. side elements or leg supports, can come away and thus cause an accident.

 The wheelchair is a vehicle and not a carrying device.

Only apply the wheelchair within the scope of the specifications and limitation described in chapter *Technical data* on page 35.

In certain configurations your wheelchair might exceed the maximum dimensions of emergency routes.

 Always make sure whether possible escape routes are wide enough for your wheelchair.

ADJUSTMENT

Always have adaptation and adjustment work carried out by a specialist dealer.

The wheelchair offers manifold adjustment possibilities to individual vital statistics. The wheelchair should be adapted to your needs by a specialist dealer before the first use. The adaptation will take into account the driving experience, the physical limits of the user and the main place of use of the wheelchair.

 We recommend a regular control of the wheelchair adjustment in order to ensure a long-term optimal provision even with changing illness/handicap patterns of the user.

REINSTALLMENT

The wheelchair is suited for reinstallation. With the building block system the wheelchair can be fit to accommodate different handicaps body sizes. Before reimplementation the wheelchair is to undergo a complete inspection.

- ☞ Hygienical measures required for reinstallation are to be carried out according to a validated hygienic plan and must include disinfection.

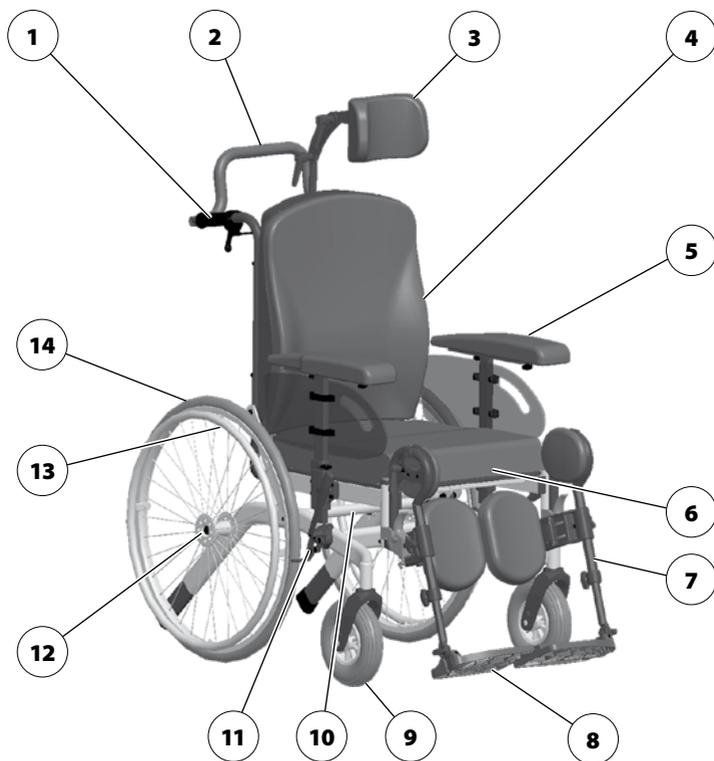
LIFE SPAN

We expect an average life span of about 4 years for this product, as far as the product is applied for its designated purpose and all maintenance and service guidelines. The life span of your product depends upon the frequency of use, the application environment and care. The implementation of spare parts can prolong the life span of the product. As a rule spare parts are available up to 5 years after production is discontinued.

- ☞ The indicated lifespan does not constitute additional guarantee.

OVERVIEW

The overview shows, representative for all models, the most important components of the care wheelchair.



Pos. Description

- | | |
|------------------|--|
| (1) Push handle | (8) Footplate |
| (2) Pushing bar | (9) Steering wheel |
| (3) Head support | (10) Type plate |
| (4) Back support | (11) Brake lever – pressure brake |
| (5) Arm support | (12) Locking knob – Quick release axle |
| (6) Seat cushion | (13) Handrims |
| (7) Leg support | (14) Driving wheel |

BRAKE

Arrange an immediate repair of the brakes by your specialist workshop if the braking performance reduces.

By locking the brakes with the brake lever (1), the wheelchair is secured against rolling away unintentionally (parking brake).

Depending on the version, the wheelchair can be equipped with pressure brakes (2) or with drum brakes (3).

Pressure brake - user

Locking the brakes

To secure the wheelchair against any unintentional rolling, press both brake levers forward all the way [4].

- It should not be possible to push the wheelchair forward when both brakes are locked.

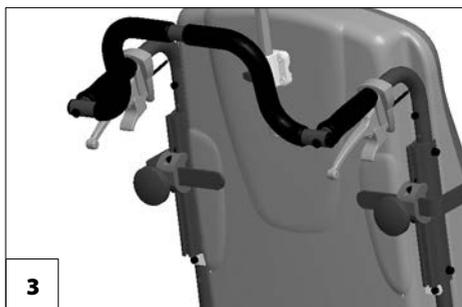
Releasing the brakes

Pull both brake levers back all the way [2].

Service brake

The wheelchair is braked down with help of the handrims.

- If needed use suitable gloves in order to brake down the wheelchair.

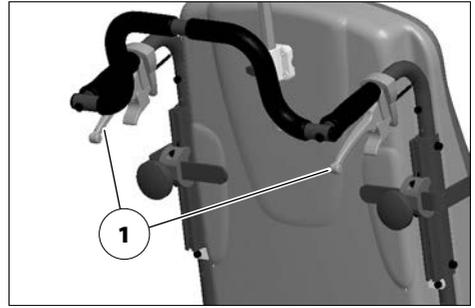


Drum brake for accompanying persons

The drum brake is activated by the accompanying person through the brake levers (1).

Function as operating brakes

Use both brake levers evenly and only lightly in order to achieve a controlled deceleration of the wheelchair.

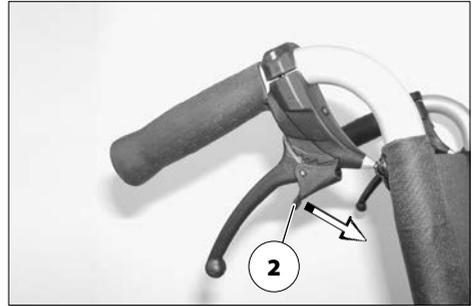


Locking the drum brakes

Pull both brake levers (1) and press the locking latch (2) forward.

Release the brake lever. – Depending on the adjustment the latch engages in the first (A) or second (B) locking position and activates the brake.

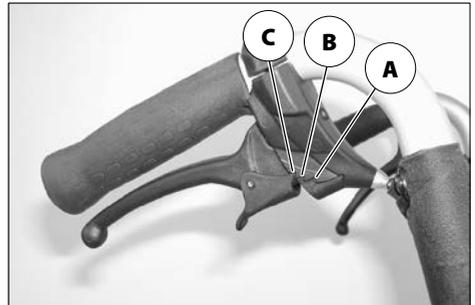
⚠ If the third locking position (C) is required to activate the brake, it must be readjusted by a specialist workshop.



Loosen the drum brakes

Pull both brake levers (1) until the latches (2) automatically jump out of the locking points.

Let go of both brake levers. – The parking brakes are released and the wheelchair ready for use.



LEG SUPPORTS

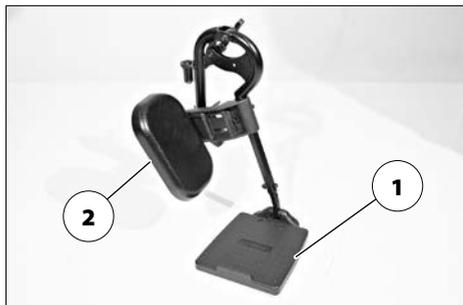
Before any actions on the leg supports the wheelchair is to be secured against unintentional rolling motions.

☞ Therefore observe chapter *Brake* on page 9.

Lower leg support

For entry into, exiting the wheelchair or "scuttling" (forward motion of the wheelchair with the feet) the footplates (1) are to be folded up and the calf pads (2) folded outward in driving direction [3].

- ☞ Check the locking points!
 - Remove both feet from the footplates.
- ☞ Before starting to drive the footplates resp. footboard need to be folded back down [3] and the calf belt attached.



Footplates

The footplates can be folded outward and up [3] resp. inward and down [4].



LEG SUPPORT UPPER PART

The upper leg support with an inserted lower leg support is termed leg support [1].

Turning the leg supports to the side

Leg supports turned to the side are released automatically and can easily come off. Note this when handling (e.g. transport).

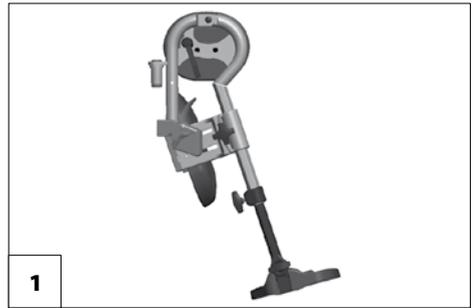
For easy transfer out of/into the wheelchair as well as driving closer to a closet, bed or bathtub the leg supports can be swivelled outward [2].

- ☞ Remove the calf belt, if applicable, before swivelling away the leg supports.
- ☞ View chapter *Lower leg support* on page 11.

Fold up the footplates in order to swivel the leg supports to the sides.

- ☞ Therefore observe chapter *Lower leg support* on page 11.

Afterwards pull or press the respective locking lever (3) backward and swivel the corresponding leg support outward.



Swivelling in the leg supports

For inward swivelling, let the leg supports swivel forward until the lock audibly engages [1].

- ☞ After audibly swivelling the leg supports inward check the respective locking device.
- ☞ Afterwards observe the chapter *Lower leg support* on page 11.



Removing the leg supports

For easy transfer into and out of the wheelchair as well as a reduced wheelchair length (important for transport) the leg supports can be removed [2].

- ☞ Fold the calf pads outward before removing the leg supports.
- ☞ Therefore observe chapter *Lower leg support* on page 11.



For removal first swivel the leg support sideways [2] and then remove them toward the top [1].

- ☞ Therefore observe chapter *Lower leg support* on page 11.
- ☞ Watch for possible danger of jamming!

Attaching the leg supports

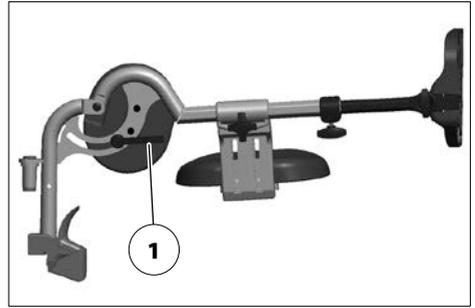
For inserting press the leg supports, swivelled to the side, parallel to the front frame tube and lower it into place. – In doing so the holding pin must slide into the frame tube.

- ☞ After attachment swivel the leg supports inward [1].
- ☞ Therefore observe chapter *Technical data* on page 35.

Mechanically height-adjustable leg supports

Never put the free hand into the adjustment mechanism. Have the leg support secured by an accompanying person against unintentionally falling down.

Do not let the leg support drop on its own weight. – Danger of injury!



Lifting/lowering the leg support

Before lifting/lowering relieve the leg support by an accompanying person by slightly lifting it up.

Afterwards loosen the clamping lever (1) and have the leg support lifted/lowered slowly to the desired level by an accompanying person.

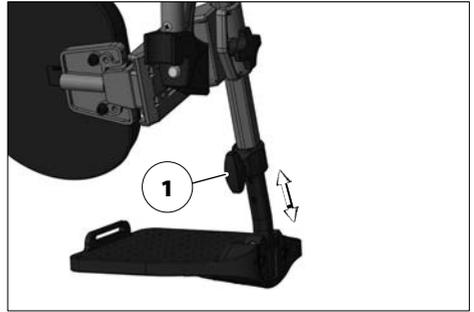
After the adjustment retighten the clamping lever (1).

Adjusting the height of the footplate

Loosen the clamping screw (1) to adjust the height.

- Loosen the clamping screw (1) so far that no damage to the coating occurs during the adjustment.
- Observe the maximum extension mark (2).

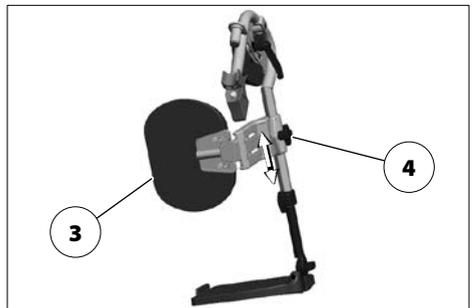
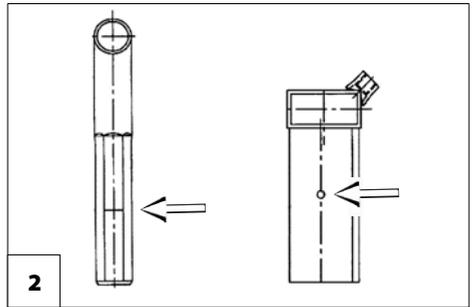
Telescope the footplate to the desired height and then retighten the clamping screw (1).



Height adjustment of the calf pad

Loosen the respective clamping screws (4) to adjust the height of the calf pad (3).

After the height adjustment retighten the clamping screw (4).



ARM SUPPORTS

Do not use the arm supports [1] to lift or carry the wheelchair.

Do not drive without the arm supports.

No not grab between the frame and arm support. – Danger of squashing!

When the wheelchair is being pushed by an attendant the user is to place his hands onto the arm cushions or in his lap and not at the sides between body and arm support. – Danger of squashing the fingers!

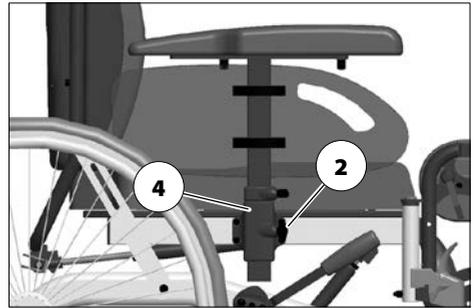
Removing the arm support

To remove the arm support, loosen the clamping screw (2) first and then remove the arm support toward the top [3].

- ☞ If necessary previously remove the torso support cushion.
- ☞ Therefore observe chapter *Removing the torso support* on page 23.

Inserting the arm support

For inserting the arm support, first slide the arm support as far as possible into the bracket (4) and then tighten the clamping screw (2).



Adjustment of the armrest height

Before loosening the clamping screws (2) secure the arm support against falling down with your hand. – Danger of jamming!

The maximum arm support height has been reached when the marking on the square tube is visible.

First loosen the clamping screw (1) of the height stopper before adjusting the height of the arm support.

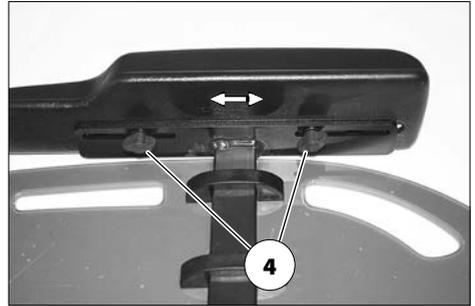
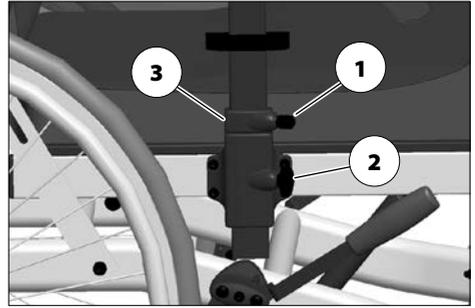
Afterwards loosen the clamping screw (2).

- Loosen the clamping screws (1)+(2) so far that no damage to the coating occurs during the adjustment.

Hold the arm support at the desired height and then tighten the clamping screw (2).

Push the height stopper (3) down to the stop and tighten the clamping screw (1).

- If necessary the clothes guard can be adjusted to the new arm support height by the specialist dealer.



- After displacement of the arm support cushions, reinsert and tighten the respective clamping screws (4).

Depth adjustment of the arm support cushions

To adjust the arms support cushion according to the seat depth, loosen the respective clamping screw (4).

- After the adjustment by sliding the arm support cushions, retighten the respective clamping screws (4).

Repositioning the arm support cushion

After the required depth adjustment the arm support cushion can be displaced by two further positions.

To displace the arm support cushion unscrew the respective clamping screw (4).

BACK SUPPORT WITH ANGLE ADJUSTMENT

Before any actions on the back supports the wheelchair is to be secured against unintentional rolling motions.

☞ Therefore observe chapter *Brake* on page 9.

Adjusting the angle of the back support

The angle of the back support [1] is continuously adjustable through the gas pressure spring.

Activate the right lever (3) on the push handle for continuous angle adjustment of the back support.

- ☞ In doing so use both push handles, resp. the push bar as a lever and adjust the back support accordingly. – Danger of overturning!
- ☞ The adjustment should only be carried out under the weight of the user.

After the angle adjustment release the lever (3).

- ☞ Check to ensure that the back support and seat unit are locked in place.



Folding down the back support

Fold open the safety latch (2) first for folding over the back support [1], then remove the pin (3).

- ☞ All the while hold the back support in position with one hand on the push bar or handle in order to prevent it from tilting over to the back.
- ☞ The loose distancers might fall and roll off. – Do not loose the distancers!

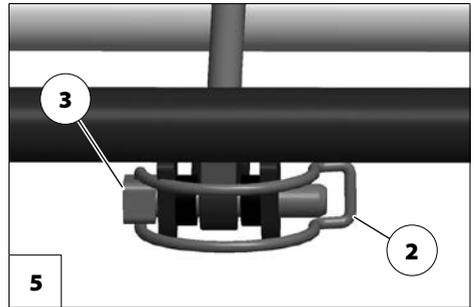
Afterwards fold the back support down [1].

- ☞ Reinsert the pin after releasing the gas spring for the back support [4], in order to prevent loss of it and also the distancers.

Unfolding the back support

After raising the back support [4] lift the gas pressure spring back up and hang it into place. Then insert the pin (3) and distancers and fold the safety latch (2) to closes position [5].

- ☞ Check the locking device after raising the back support up and reinserting the pin.
- ☞ Keep the pin clean at all times for flawless function.



Back support upholstery

The back support upholstery is attached to the back shell with velcro straps [1] and can be pulled off for cleaning or maintenance [2].

- ☞ The cover can be removed with the zipper for washing.
- ☞ Therefore observe the label with the washing instruction (3).

To replace the back support upholstery align it according to the back shell and press it on [1].



HEAD SUPPORT

A headrest mounted to the wheelchair serves as a support for the posture of the head, not as a transport security.

The upper edge of the adjustable head support [1] should always be close to the back of the head at about eye level.

 Never at neck height!

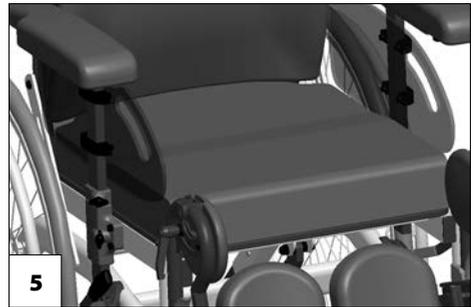
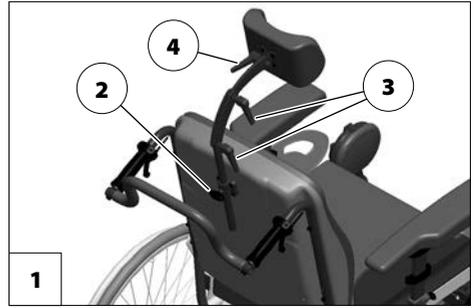
The head support [1] is adjustable to the respective user.

For height adjustment and removal of the head support loosen the clamping screw (2).

For positioning the head support the clamping levers (3) need to be loosened.

For angle adjustment of the cushion the clamping lever (4) is to be loosened.

 After inserting/adjustment retighten the clamping screws resp. clamping lever.



SEAT

Seat cushion

The seat cushions are attached to the seat plate with velcro straps [5].

SEAT INCLINATION

Before any actions on the seat unit the wheelchair is to be secured against unintentional rolling motions.

☞ Therefore observe chapter *Brake* on page 9.

The seat unit is continuously tiltable through the gas pressure spring [1].

Adjustment of seat inclination

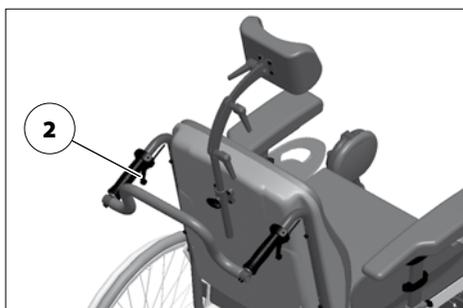
Activate the left lever (2) on the push handle for continuous adjustment of the seat unit.

☞ In doing so use both push handles, resp. the push bar as a lever and adjust the angle of the seat unit accordingly.
– Danger of overturning!

☞ The adjustment should only be carried out under the weight of the user.

After the adjustment of the seat unit release the lever (3).

☞ Check to ensure that the back support and seat unit are locked in place.



RISING AID

Before using the rising aid, secure the wheelchair and fold up the footplates.

☞ Therefore observe chapter *Brake* on page 9.

The seat is angled forward for the stand-up aid [1] (negative seat inclination).

☞ The negative seat angle setting serves as support for getting up when the wheelchair is standing.



TORSO SUPPORTS

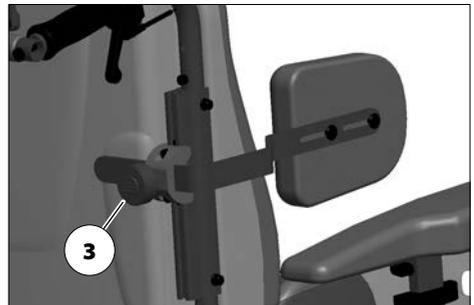
The torso supports [2] are adjustable in width and can be removed.

Removing the torso support

Adjusting the torso width:

After loosening the clamping screws (3) the respective torso support can be adjusted to the desired torso width or removed.

☞ Afterwards retighten the respective clamping screw (3).



WHEELS

Drive wheels

After inserting the drive wheel the locking button (2) must stick a couple of millimetres out of the wheel nut.

The drive wheels are supported on a quick release axle [1] and can be removed resp. attached without tools.

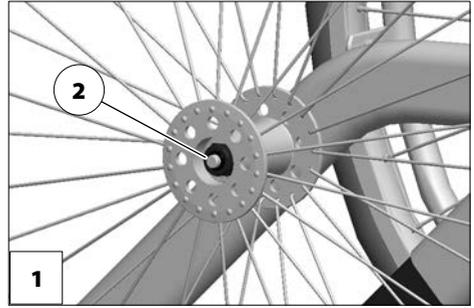
First press the locking button (2) of the quick release axle in the center of the hub.

Afterwards remove or attach the drive wheel.

- ✎ The air pressure value for the tyres of the wheelchair can be read in the *Technische Daten* auf Seite 35 or details on both sides of the tyre cover.
- ✎ If the drive wheels has too much side-ward lag or the quick release axle does not engage, contact your specialist dealer immediately for repair.
- ✎ No person may be seated in the wheelchair during assembly or removal. The wheelchair should stand on a level and firm surface. Before starting the disassembly work, support the frame to prevent the wheelchair from tipping over and secure it to prevent an unwanted movement or tipping over.

Tyre damage on pneumatic tyres

- ✎ For repairing tyre damage we recommend the use of a foam cartridge that is available in speciality shops. – Afterwards look up a specialist workshop as soon as possible.



Handrims

Take care that you do not squash your hands when driving narrow routes, e.g. building entrances, doorways, etc.. – Danger of injury to the hands!

Replace damaged handrims immediately in order to prevent your hands being injured by such handrims and in order to always have full control of your wheelchair.

After each assembly the locking device is to be checked by pulling the insert rod to the side!

Replacement of handrims or modification of handrim distances should always be carried out by your specialist workshop.

All handrims are designed for a 15 mm [1] to 25 mm (standard adjustment) distance to the drive wheel.



TILT PROTECTION

Insertable tilt protection

The tilt protection [2] can be inserted into the lower frame tube.

Depress the corresponding spring button (3) in order to insert/pull out a respective tilt protection.

- ☞ The respective spring button (3) must visibly and audibly lock into the desired position afterwards!

RETAINING STRAP

Make sure that no objects are trapped between belt and the body!

The retaining strap is not part of the retaining system for the wheelchair and/or the driver during transport in motor vehicles.

The retaining strap [1] is screwed onto the respective lateral back brace with latches.

The retaining strap serves to stabilise the sitting position and prevents falling forward out of the wheelchair.

Pull both belt halves to the front and slide the catch halves together so that they latch together in order to fasten the retaining strap.

To fasten the retaining strap, pull both ends forward and audibly let the buckle click into place. To open the retaining strap press the red unlocking knob () inside the buckle.

- ☞ The retaining straps can be adjusted in length and should not be pulled too tight.



The therapy table is pushed from the front over the arm support cushions [2].

- ☞ Ensure that the therapy plate sits securely on the arm supports pads.

THERAPY TABLE

Sharp objects (e.g. watches, rings, knives or belt buckles) as well as coarse dust can cause unattractive brush marks in the surface of the therapy table.

Do not place any hot objects onto the therapy table.

Do not drive with the therapy table attached when there are loose objects or containers with fluids on it.

Do not use aggressive or granular cleaning agents to clean the therapy table.

Do not use the therapy table as handle for carrying the wheelchair.

FOLDING/UNFOLDING

The wheelchair is to be secured before folding/unfolding.

☞ Therefore observe chapter *Brake* on page 9.

Folding the wheelchair

Proceed as follows to fold the wheelchair [2]:

1. In necessary remove the seat cushion.
2. Remove or swivel away the leg supports.
☞ Therefore observe chapter *Leg supports* on page 11.
3. Remove the arm supports.
☞ Therefore observe chapter *Arm supports* on page 16.
4. Fold over the back support.
☞ Therefore observe chapter *Folding down the back support* on page 19.

Unfolding the wheelchair

To unfold the wheelchair proceed in reverse order.

During reassembly, ensure that each part is correctly installed and securely fastened. Check that components are correctly positioned. Check the correct seating of the components.



BASIC SAFETY INFORMATION

Do not insert fingers into open frame tubes (for example after removing the arm supports, leg supports or support castors). – Danger of injury!

Scuttling (rolling motion of the wheelchair with help of the feet) is only permitted with creeping rolling speed on horizontal, level surfaces indoors.

In doing so the sitting position may not be slid onto the front third of the seat.

A stable sitting position is to be kept while using the wheelchair, even when not in motion and especially on hills and slopes. – Danger of accident!

In a safe sitting position the back of the user lies directly on the back support upholstery and the hip of the user is at the back end of the seat.

Transit out of the wheelchair on hills/slopes may only be carried out in emergencies and with the aid of an accompanying person and/or helper! – Danger of accident!

Adjust the seat inclination only when the wheelchair is standing on a horizontal, level surface. A danger of tipping over exists on gradients!

Increased danger of tipping over when using the angle adjustable back support.

Before starting to drive make sure that no negative seat inclination has been adjusted, respectively that a safe seating position is ensured.

Accompanying person

The accompanying person must be made aware of all possible danger situation before the start of his/her supportive involvement. The parts of your wheelchair that are held onto by the accompanying person are to be checked for tight fit.

Transfer out of the wheelchair

Drive with the wheelchair as closely as possible to the spot where you want to switch out of the wheelchair.

- ☞ Herefore additionally observe chapters *Arm supports* on page 16 and *Removing the arm support* on page 16.
- ☞ We recommend to conduct the transfer from the wheelchair together with an aid.

Reaching for objects

Avoid an extreme forward or backward inclination of the upper body when picking up or placing heavy objects. – Danger of wheelchair tipping over, especially in the case of narrow seat widths and high seat heights (seat cushion)!

Driving on falling, rising or transverse gradients

For safety reasons, the maximum permitted gradient is limited because the tip-over stability and the braking and steering behaviour are impaired by a reduced floor/road.

- ☞ Observe chapter *Technical data* on page 35.

For your own safety, we recommend that you use the assistance of an accompanying person for driving slopes of more than 1% tilt.

- ☞ This low gradient value is valid for persons that are not able to effect even the smallest centre of gravity change

by changing the position of their upper body.

The accompanying person should be aware that the control of the wheelchair requires more strength on a downward slope/ hills than on a level driving surface and that there is an increased danger of slipping.

Never lean towards the downhill direction when driving on rising, falling or transverse gradients.

Avoid jerky changes of the driving condition (especially with critically adjusted driving parameters as for example an active wheel position).

Never drive faster than walking speed.

There is an increased danger of tilting while driving backwards.

While driving in curves and when turning on inclinations and slopes there is a danger of tilting.

The braking force transferred to the driving surface is much less on a downward slope than on a level driving surface and is further reduced by poor road conditions (e.g. rain, snow, grit, dirt). A dangerous slipping of the wheels due to excessive braking and an associated unwanted course deviation must be avoided by way of a careful dosed braking.

At the end of the downward slope, take care that the foot plates do not make contact with the ground and endanger you through a sudden braking effect.

Transverse surfaces to the driving direction (e.g. transversely sloped pavements) effect a turning of your wheelchair in the downhill direction. You or an accompanying person must compensate for this drift by a counter-steering.

Crossing obstacles

After overcoming obstacles, the previously removed support castors need to be reattached.

Each crossing of obstacles involves a risk! Even flat obstacles (e.g. sills, carpet edges, small steps or similar) represent a danger of tipping.

The crossing of obstacles is a special danger situation in which a combination of the safety advice in the sections headed uphill driving, downhill driving and driving transverse to a slope must be observed in addition to other safety advice.

For your own safety all obstacles should only be driven over with an accompanying person.

The unassisted, safe, crossing of small obstacles (< 4 cm) is only possible with a sufficiently safe control of the wheelchair.

Always approach small obstacles, e.g. steps or curbs, slowly and at a right angle (90°) until the steering wheels almost touch the obstacle. Briefly stop the wheelchair and then drive over the obstacle.

Always drive over an obstacle forwards (not backwards) and simultaneously with both front/rear wheels in order to prevent a sideways tipping of the wheelchair.

Always maintain a safety distance between the wheelchair and drops, stairs and similar obstacles sufficient for reaction, braking and turning.

If possible, let one or more helpers lift you out of the wheelchair and carry you to the destination point.

The crossing of stairs is only possible with the assistance of two helpers who are familiar with the danger situation and firmly guide the wheelchair.

- ☞ The helpers may only hold (without lifting) the wheelchair with the push handles and the side frame.

Existing support castors are to be removed, since they might pose a danger to the aid under certain circumstances.

Loading the wheelchair

Do not use the leg supports, arm supports or accessory parts in order to lift the wheelchair!

Before lifting, the wheelchair is to be secured against unintentional rolling motions!

- ☞ Therefore observe chapter *Brake* on page 9.

The wheelchair can be loaded with the aid of ramps or lifting platforms.

- ☞ Therefore observe the respective user manual and the load capacity of the ramp resp. lifting platform.

Transport in vehicles

The following procedures may be necessary due to lack of space for the transport in vehicles:

- Remove the leg supports.
- Remove the arm supports.
- Remove or fold over the back support.
- Detach drive wheels

The parts detached for the transport must be carefully stowed and carefully attached again before the next journey!

Transport safety of the empty wheelchair

Changes on the wheelchair and especially the anchor points may not be made.

All regulations and directions of the respective transport company are to be observed.

- ☞ Ask for these before the transport.

Only attach the fastening straps to designated parts of the car and wheelchair.

- ☞ View chapter *Meaning of the labels on the wheelchair* on page 39.

Transport of people inside a motor vehicle

Whether your wheelchair is approved as a seat in a car, can be determined in chapter *Meaning of the labels on the wheelchair* on page 39.

- ☞ Observe the guideline < *Safety with Meyra-wheelchairs, also during transport in motor vehicles* >! – This document and further information are available in the < *Infozentrum* > on our website < www.meyra.com >

Transport in public methods of transportation

Your wheelchair is not designed for user transport in public transportation vehicles. Limitations may occur. We recommend use of one of the firmly built in seats of the public vehicle.

Should it nevertheless become necessary to carry out the transport while sitting in the wheelchair, the following needs to be observed:

- Use the space designated by the public transportation services for parking.
- Observe the regulations of the transport company before parking the wheelchair.
- Park your wheelchair opposite to the driving direction in the reserved space.
- The wheelchair is to be placed so that the back support it will be supported by the border of the parking space.
- One side of the wheelchair must also lie against the border of the parking space, so that the wheelchair cannot slide

away in case of an accident or sudden braking manoeuvre.

- Additionally activate the parking brakes.

Driving on public highways

In Germany you are subject to the German laws for traffic regulation (Strassenverkehrsordnung (StVO)) as a pedestrian.

Your wheelchair can optionally be fit with lighting equipment. The lighting equipment consists of:

- Reflectors on the back support
- Reflectors on the drive wheels.

With limited visibility and especially in the dark we recommend to mount active lighting equipment and to turn it on in order to see better and be seen.

- ☞ When participating in public traffic the user is responsible for the functional and operationally safe condition of the wheelchair.
- ☞ When driving in the dark avoid using the road or bicycle lanes.
- ☞ Observe that the lighting equipment is not covered by clothes or any other objects attached to the wheelchair.

Cleaning

The plastic panelling is attacked through non-ionic tensides as well as solvents and especially alcohol.

The cushions and covers are normally fit with care instructions (instruction for care). In all other cases the following information is true:

- ☞ Clean the upholstery with warm water and hand washing liquid.
- ☞ Remove spots with a sponge or a soft brush.
- ☞ Wash off persistent dirt with commercial fine detergent.

- ☞ Do not soak! Do not machine wash!

Follow-up with clean water and allow to dry.

The chassis, the lighting equipment and wheels can be cleaned damp with a mild detergent. Afterwards dry off well.

- ☞ Check the chassis for corrosion damages as well as other damages.
- ☞ Only clean the plastic parts with warm water and neutral detergent or soft soap.

Further information to cleaning can be found in the < *Infozentrum* > on our website: < www.meyra.com >.

Finish

The high quality finish ensures an optimum of protection against corrosion.

- ☞ Should the coating be damaged with scratches or similar, these areas can be touched up with our paint pen available at the specialist dealer.

Slight lubrication of moving parts will ensure for their long functioning.

Disinfection

If the product is used by more than one person (for example in a care centre), the use of a commercial disinfectant is mandatory.

- ☞ Before disinfection the upholstery and handles are to be cleaned.
- ☞ A spray- or wiping disinfection is permitted with tested and accredited disinfectants.

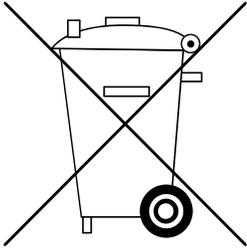
A list of the disinfectants and disinfection means tested and approved by the Robert Koch Institute can be found under:

< <http://www.rki.de> >.

- ☞ During the use of disinfectants it can happen that surfaces might be affected in such a fashion that the long term functionality of parts can be limited.

- ☞ In doing so the manufacturers instructions are to be observed.

DISPOSAL



The disposal must comply with the respective national law.

Please enquire about local disposal arrangements at your municipal authority.

MAINTENANCE

An incorrect or neglected cleaning and maintenance of the wheelchair results in a limitation of the product liability.

Maintenance

The following maintenance Instruction gives you a guide for carrying out the maintenance work.

- ☞ They do not give information about the actual extent of work required on the wheelchair.

Maintenance schedule

WHEN	WHAT	REMARK
Before starting out	General Test for faultless operation.	Carry out test yourself or with a helper.
Before starting out	Test brakes for faultless operation Activate brake lever to the limit.	Carry out test yourself or with a helper. The locked wheels should not be able to turn under operating conditions. If they can still turn, the brakes must be repaired by an authorised specialist workshop.
Before starting out	Check pressure brake for wear Move brake lever to the side	Carry out tests yourself or have a helper do it. If you notice any increasing slackness on the brake lever take the wheelchair to your specialist workshop immediately for repairs. – Danger of accident!
Before starting out	Check the back tubes and frame tubes for damages	Carry out the test yourself or by a helper. If deformations or cracks occur in the welding seams, contact a specialist workshop immediately for repairs. – Danger of accident!
Especially before driving in the dark (when applicable)	Check the lighting Check the light- and indicator signal equipment as well as reflectors for immaculate performance.	Carry out test yourself or with a helper.

WHEN	WHAT	REMARK
Every 2 weeks (depending on distance covered)	Check air pressure of the tyres Tyre filling pressure:  View <i>Tyre pressure of pneumatic tyres</i> on page 35.	Carry out test yourself or with a helper. Use a tyre gauge.
Every 8 weeks (depending on distance covered)	Check tyre profile Minimum tread = 1 mm	Carry out visual check yourself. If the tyre profile is worn down or if the tyre is damaged, consult a specialist workshop for repairs.
Every 8 weeks (depending on frequency of use)	Lubricate the following components with a few drops of oil <ul style="list-style-type: none"> – Moving parts of the locking mechanism. – Brake lever bearings. 	Do it yourself or with the aid of a helper. Components must be free from used oil residues before lubrication. Please ensure that excess oil does not contaminate the environment (e.g. your clothing).
Every 8 weeks (depending on frequency of use)	Check all screw connections for secure fit	Carry out test yourself or with a helper.
Every 6 months (depending on frequency of use)	Check <ul style="list-style-type: none"> – Cleanness. – General condition. 	See Care. See Repairs.
Manufacturer recommendation: Every 12 months (depending on frequency of use)	Safety inspection <ul style="list-style-type: none"> – Vehicle 	To be carried out by the specialist dealer.

TECHNICAL DATA

All data given in the < Technical data > refers to the standard version.

The overall length depends on the position and size of the drive wheels.

If not noted otherwise the dimensions are determined with drive wheels of \varnothing 610 mm (24").

The widths were determined with a handrim distance of 15 mm.

Dimensional tolerance ± 1.5 cm, $\pm 2^\circ$.

Short form of wheelchair dimensions:

SH = Seat height

SW = Seat width

SD = Seat depth

BH = Back support height

Calculation of the max. user weight:

- ✎ The permissible total weight is calculated from the empty weight of the wheelchair and the maximum user-(person-) weight.

Additional weight due to subsequent additions or luggage reduce the maximum permissible passenger weight.

Example:

A driver wishes to take luggage with a weight of 5 kg. Thus, the maximum user weight is reduced by 5 kg.

Tyre pressure of pneumatic tyres

Maximum tyre pressure is printed on the tyres on each side.

Full tyre pressure – drive wheel

Standard:

3.0 - 4.0 bar = 44 - 58 psi

Ultra-light running tyres:

6 bar = 87 psi

High pressure:

8 bar = 116 psi

Data according to ISO for model 9.072

	min	max
Overall length with leg support	1180 mm	1740 mm
Overall width	620 mm	690 mm
Overall dimensions	– kg	198 kg
User weight (incl. additional load) (SW 43/46)	– kg	130 kg
User weight (incl. additional load) (SW 48/51)	– kg	160 kg
Weight of the heaviest part	22 kg	38 kg
Actual seat depth	420 mm	480 mm
Actual seat width	430 mm	510 mm
Folding length	– mm	– mm
Folding width	– mm	– mm
Folding height	– mm	– mm
Seat surface height at front edge (without cushion)	460 mm	460 mm
Seat angle	-2°	25°
Back support angle	0°	45°
Back support belt height	530 mm	560 mm
Foot support to seat (lower shank length)	350 mm	500 mm
Static stability downhill	6°	6°
Static stability uphill	6°	6°
Static stability lateral	6°	4°
Dynamic stability uphill	6°	6°
Angle leg support - seat surface	20°	95°
Arm support height from seat surface	210 mm	270 mm
Back support to front edge of arm support	280 mm	360 mm
Handrim diameter	535 mm	535 mm
Axle horizontal position	-100 mm	-100 mm
Obstacle height	0 mm	50 mm
Minimal turning radius	1250 mm	–

Further technical data for model 9.072

	min	max
Length without leg support	910 mm	910 mm
Overall height	1040 mm	1130 mm
Seat cushion thickness	70 mm	70 mm
Length without leg supports, drive wheels (Support castors are removed or swivelled under- neath the seat)	720 mm	1240 mm
Additional load:	– kg	10 kg
Transport weight (without leg supports, arm sup- ports, cushion, drive wheels)	22 kg	– kg
<u>Steering wheel:</u>		
ø 200 mm (7")		PU
<u>Drive wheel:</u>		
ø 610 mm (24 x 1 3/8")		PU
<u>Climatic data</u>		
Ambient temperature		-25 °C to +50 °C
Storage temperature		-40 °C to +65 °C

Meaning of the symbols on the washing instruction

(the symbols correspond to European standard)



Wash as delicates with the indicated maximum temperature in °C



Wash as regular laundry with the indicated maximum temperature in °C



Do not bleach



Not suited for the dryer

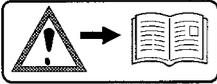


Do not iron



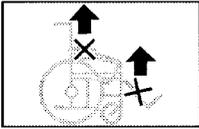
Do not dry-clean

Meaning of the labels on the wheelchair

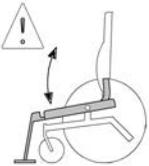


Attention!

Read the operating manuals and other provided documentation.



Do not lift the wheelchair at the arm supports or leg supports.
Removable parts are not suitable for carrying.



Lever for seat angle / tilt.



Lever for angle adjustment of the back support.



The product is **not** approved as a seat within a motor vehicle.



Indication for danger of jamming. – Do not reach in here

Meaning of the symbols on the type plate



Manufacturer



Order number



Serial number



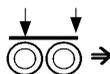
Production date (Year – Calendar week)



Permitted user weight



max. permissible total weight



Permitted axle weights



Max. permissible rising gradient



Max. permissible falling gradient

max. ... km/h

Permitted maximum speed



The product is approved as a seat within a motor vehicle



The product is not approved as a seat within a motor vehicle.

INSPECTION CERTIFICATE

Vehicle data:

Model:

Delivery note no.:

Serial-no.(SN):

Recommended safety inspection 1st year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 2nd year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 3rd year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 4th year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Recommended safety inspection 5th year (at least every 12 months)

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

WARRANTY / GUARANTEE

We accept legal liability for this product within the scope of our general terms and conditions and warranty and the guarantee according to our described quality service. For warranty and guarantee demands please contact your specialist dealer with following Warranty/Guarantee section and the there included information on model description, delivery note number with delivery date and serial number (SN).

The serial number (SN) can be read off of the type plate.

Precondition for the acceptance of liability in any case is the intended use of the product, the use of original spare parts by authorised dealers as well as maintenance and inspections in regular intervals.

Guaranty is not granted for surface damages, tyres of the wheels, damages due to loosened screws or nuts as well as worn out attachment holes due to frequent assembly work.

Furthermore, damage to the drive and electronics caused by improper cleaning using steam cleaning equipment or the deliberate or accidental flooding of the components are also excluded.

Interferences through radiation sources such as mobile phones with high transmission power, HiFi-equipment and other extreme interference radiators outside of

norm specifications cannot be declared as warranty or guarantee claims.

Attention:

- ! Failure to observe the instructions in the operating manual, improperly carried out maintenance work and, especially, technical changes and additions (add-ons) carried out without our prior consent will lead to a general loss of guarantee and product liability.

Note:

This operating manual as a part of the product is to be handed out in case of a change of owner.

We reserve the right to make technical improvements.



The product conforms with the EC Directive 93/42/EEC (MDD) for medical products.

Warranty / Guarantee section

Please fill out! Copy if necessary and send the copy to the specialist dealer.

Warranty / Guarantee

Model designation:

Delivery note no.:

SN (view type plate):

Date of delivery:

Stamp of the specialist dealer:

Inspection certificate for transfer

Vehicle data:

Serial-no.(SN):

Model:

Delivery note no.:

Stamp of specialist dealer:

Signature: _____

Place, date: _____

Next safety inspection in 12 months

Date: _____

Your specialist dealer

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