



EN

OPERATING MANUAL

FOLDING WHEELCHAIR

Model 1.735

Model 1.736

MEYRA[®]
We move people.

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INTRODUCTION

We thank you for the confidence you have placed in our company by choosing a wheelchair from this series.

With all equipment and their accessories the wheelchair offers die respective adaptation to your disability.


Like any other vehicle, a wheelchair is a technical aid. It is subject to explanations, requires regular care and can cause danger when used improperly. The correct handling must therefore be learned. This operating manual is to help you get accustomed to the handling of the wheelchair as well as to prevent accidents.

Note:

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 individual wheelchair.

Attention:

 Read and observe the following


- documentation belonging to the wheelchair before first operation:

- this operating manual,
- Safety and general handling instructions < *Mechanical and muscle powered wheelchairs* >.

Note:

Children and juveniles should read the documentation belonging to the wheelchair together with their parents respectively a supervisor or an accompanying person before first use.

For users with visual impairments the PDF-files of the above mentioned documents can be accessed on our website < www.meyra.com >.

 Contact your specialist dealer when required.

Alternatively users with visual impairments can have the documentation read out by a helper.

INDICATIONS

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

- ☞ Walking disability resp. extremely limited walking ability as part of the basic need to move around in your own home.
- ☞ The need to be able to leave home for a short walk in fresh air or in order to reach the places, commonly in the perimeter of the home, required to fulfil basic needs.
- ☞ The ability to use the wheelchair with own personal strength must be given.
- ☞ Provision with this type of wheelchair is to be considered when the adaptation and adjustment possibilities of standard and light weight wheelchairs is not sufficient.

ACCEPTANCE

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

☞ **Note:**

- ☞ 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. Three frames are available:

- short (only with model 1.736),
- medium,
- long.

The wheelchair solely serves to transport one person in the seat and not as a hauling aid, transporter or similar.

USE

The wheelchair can universally be implemented on level, hard surfaces and is therefore an allround-wheelchair:

- for indoors (e.g. apartment, day care),
- outdoors (e.g. in parks),
- as a companion on tours (e.g. in a bus or train).

The wheelchair offers manifold adjustment possibilities to individual vital statistics.

Attention:

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

ADJUSTMENT

The specialist workshop will hand out the wheelchair to you under consideration of all relevant safety instructions, ready for operation and adjusted to your needs.

Note:

- ☞ We recommend a regular control if the wheelchair adjustment in order to ensure a long-term optimal provision even with changing illness/handicap patterns of the user. Especially for children and juveniles an adjustment every 6 months is recommendable.
- ☞ We recommend regular medical exams in order to ensure safety for active participation in traffic.

- ☞ Retrospective adjustments should be carried out solely by the specialist dealer!

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.

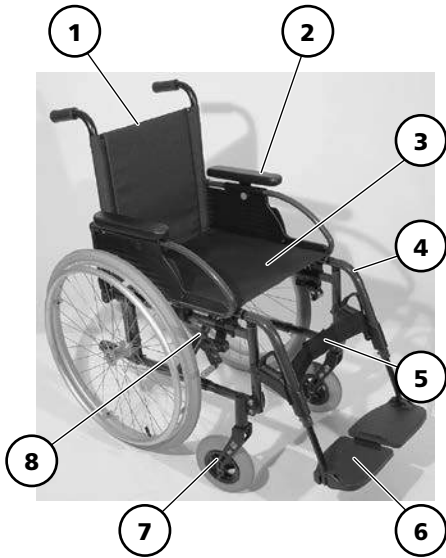
The life span of your product depends upon the frequency of use, the application environment and care.

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 the most important components of the wheelchair.



Pos. Description

- 1 Back support
- 2 Arm support
- 3 Seat belt / seat cushion
- 4 Leg support
- 5 Calf strap
- 6 Footplate
- 7 Steering wheel
- 8 Pressure brake



Pos. Description

- 9 Push handle
- 10 Side element
- 11 Handrims
- 12 Drive wheel
- 13 Tilt aid

BRAKE


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).

Note:

Therefore observe the *Maintenance schedule* on page 30 as well as safety and general handling instructions < *Mechanical and muscle powered wheelchairs* > chapters < *General safety information* > and < *Brakes* >.

Attention:

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

Pressure brake - user

Locking the brakes

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

Note:

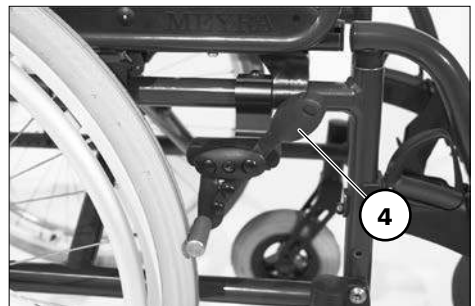
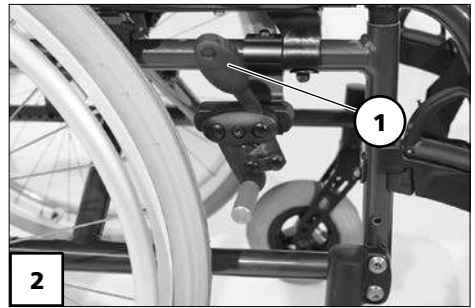
It should not be possible to push the wheelchair forward when both brakes are locked.

Releasing the brakes

Pull both brake levers back all the way (1).

Operating brake

The wheelchair is braked down with help of the handrims.



Note:

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

LEG SUPPORTS

Attention:

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

☞ Therefore observe chapter *Securing the wheelchair* on page 29!

Calf belt

The removable calf belt (1) prevents the feet from sliding off the back of the footplates.

For attachment the calf belt is guided around special attachment pins (2) resp. the front frame tube [5] and adjusted in length with a velcro fastener.

Attention:

! Never drive without calf belt (except when shuffling)! – Danger of accident!

☞ Note:

The calf belt is omitted for height adjustable leg supports and is replaced by a leg padding.

☞ The calf belt must be removed in order to swivel away the leg supports.

Removing the calf belt

For removal the calf belt is pulled from the attachment pins (2) after opening the velcro fastener.

Attaching the calf belt

For attachment both loops of the calf belt are slid over the attachment pins [3] and attached with the velcro fastener [4].



Length adjustment of the calf belt

For length adjustment the calf belt is adjusted in corresponding length with help of the velcro fastener.

Lower leg support

The footplates are to be folded up for entry into, exiting the wheelchair or scuttling (moving the wheelchair with help of the feet) [1].

- ☞ Check the locking points!
- Remove both feet from the footplates.
- Remove lower calf belt, if present.
 - ☞ Therefore observe chapter *Calf belt* on page 10.
- ☞ **Note:**
Before starting to drive the footplates are to be folded down again [2] and the calf belt attached.

Footplates

The footplates can be folded outward and up [1] resp. inward and down [2].



Footboard

The footboard [1] can be folded up to one side.

Note:

Fold the footboard up before swivelling away and removing the upper leg support.

Folding up the footboard

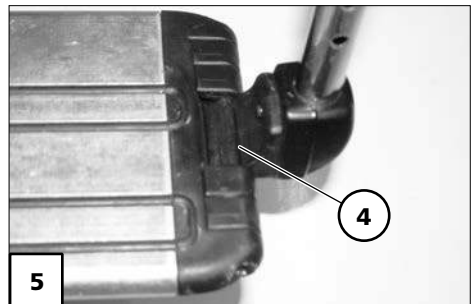
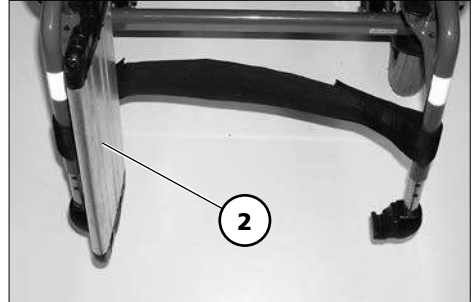
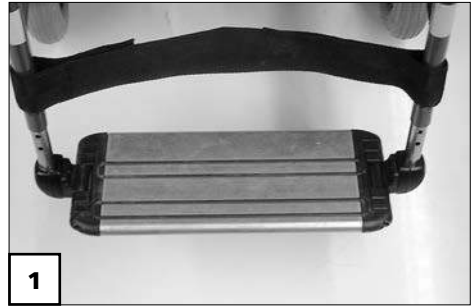
In order to fold up the footboard lift the loose end of the footboard (2) as far as possible.

Folding the footboard down

In order to fold down the footboard, lower the loose end of the footboard as far as possible down onto the footboard bracket [5].

Note:

After folding down the footboard do not forget to check whether it has locked into place (4).



Upper leg support

(only with model 1.736)


The upper leg support with an inserted lower leg support is termed leg support.

Turning the leg supports to the side

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 away toward the in-/outside (1).

Note:

Before removing the leg supports remove the calf belt and fold the footplates up.

 Therefore view chapter *Calf belt* on page 10 and chapter *Lower leg support* on page 11.

Attention:

- ! Leg supports turned to the side are released automatically and can easily come off. Note this when handling (e.g. transport).
- Pull or press the respective locking lever (2) 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 [3].

Note:

After audibly swivelling the leg supports inward check the respective locking device.


 Afterwards observe 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 [1].

Note:

Before removing the leg supports loosen or remove the calf belt on one side.

 Therefore view chapter *Calf belt* on page 10.

First swivel the leg support sideways [2] and then remove them toward the top.


 Therefore observe chapter *Turning the leg supports to the side* on page 13.

Attaching the leg supports

With the leg support in a swivelled-aside position, hang it in and then swivel it to the front until the locking device audibly latches.

Note:

After attachment swivel the leg supports inward.

 Therefore observe chapter *Swivelling in the leg supports* on page 13.

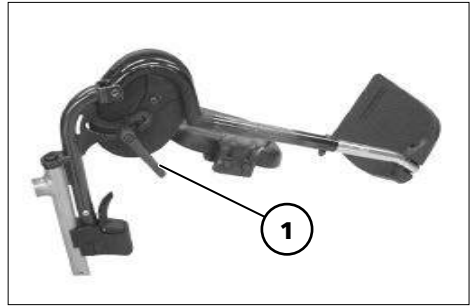
Press the leg supports, swivelled to the side, parallel to the front frame tube and lower it into place [2]. – In doing so the holding pin must slide into the frame tube.



Height adjustment of the leg support

Attention:

- ! Never put the free hand into the adjustment mechanism while adjusting the height adjustable leg support. – Danger of jamming!
- Have the leg support secured by an accompanying person against unintentionally falling down.



Lifting/lowering the leg support

1. Before lifting/lowering relieve the leg support by an accompanying person by slightly lifting it up.
2. Afterwards loosen the clamping lever (1) and have the leg support lifted/lowered slowly to the desired level by an accompanying person.

Attention:

- ! Do not let the leg support drop on its own weight. – Danger of injury!
3. After the adjustment retighten the clamping lever (1) securely.

Leg supports for amputees

(only with model 1.736)

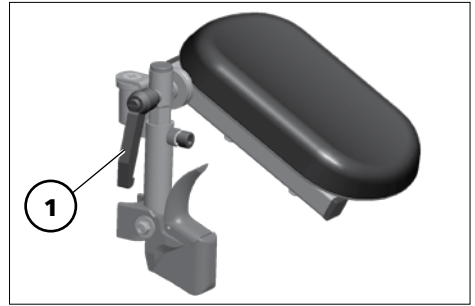
☞ Therefore observe chapter *Upper leg support* on page 13.

Attention:

- ! Never put the free hand into the adjustment mechanism while adjusting the amputee leg support.
 - Danger of jamming!
- Have the amputee leg support secured by an accompanying person against unintentionally falling down.

Angle adjustment of the amputee leg support

- For angle adjustment of the amputee leg support first loosen the clamping lever (1) until the toothing is loose.
 - Afterwards lift/lower the amputee leg support to the desired height and retighten the clamping lever (2).
- ☞ In doing so ensure that the toothing of the angle adjustment grips into place.



ARM SUPPORTS

The arm supports can (depending on equipment) be removed, are height adjustable and at the same time serve as a padded arm support, clothes guard and wind protector.

Attention:

- ! No not grab between the frame and arm support. – Danger of jamming!
 - Do not lift the wheelchair using the arm supports.
 - The wheelchair should only be used with the arm supports assembled!
 - When the wheelchair is being pushed by an accompanying person 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!
- ☞ To transfer into/out of the wheelchair the arm support can be swivelled backward [2].

Removing the arm supports

Press the locking button (1) to remove the arm support.

Swivel the arm support up at the back [2] and lift it off towards the top [3].



Inserting the arm support

To attach the arm support insert the bolt currently in the slanted position (1) into the respective receptacle (2).

☞ When swivelling down the arm support, take care that the bracket (3) grips around the back tube.

– Swivel the arm support forward into the corresponding receptacle until the locking button (4) audibly engages.

☞ Note:

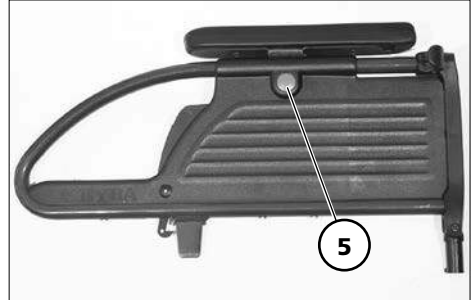
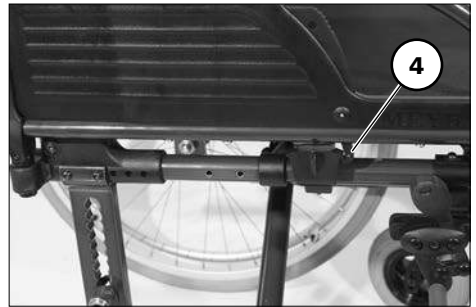
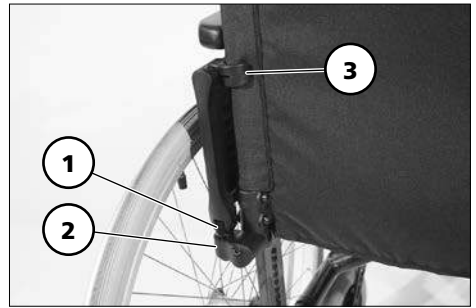
The swivelling forward automatically engages the rear locking device of the arm support.

Height adjustment of the arm supports

– For height adjustment of the arm support secure the support pad with one hand to prevent it from falling down.

– Then activate the release button from the inside (5) with the other hand.

– Now slide the arm support into the desired position, release the spring button (5) and let it snap into place by sliding the arm support into the next possible position [6].

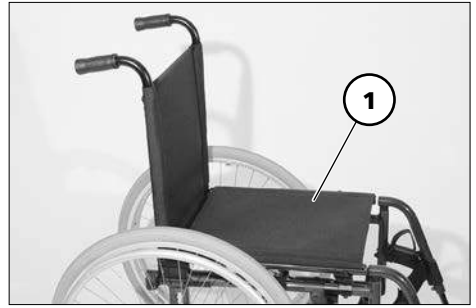


SEAT

Seat strap, standard

The seat strap (1) is tensed through the seat tubes and can be bent upward in the middle for folding [2].

☞ Therefore observe document *< Safety and general handling instructions mechanical and muscle powered wheelchairs >* chapter *< Folding/Unfolding/Carrying the wheelchair >*.



Seat pad

The seat pad is aligned to the centre and placed from front to back onto the velcro straps at the sides of the adjustable seat strap [3].

The seat pad can be removed toward the top for folding [4]. – Velcro fastener.



BACK SUPPORT

Back support belt, standard

The back strap is tightened through the back tubes (1).

The extended back support element is velcro strapped underneath the seat strap.



Angle adjustable back support

The angle adjustable back support [2] can be adjusted in angle by +/- 10° in 5°-steps.

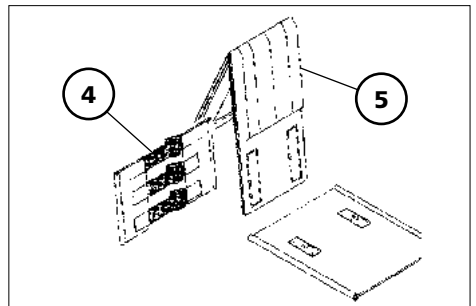
Height adjustable back support

The height adjustable back support [3] is continuously adjustable in height.

Adjustable back

The adjustable back is adjustable through a velcro strap on the spanning straps (4).

The cushion (5) is placed over it and attached with the velcro strap.



Removing the back support upholstery

For removal, first pull off the rear part of the back support upholstery (1), then fold it over to the front and pull it off of the adjustable back strap (2).



Placing the back support upholstery

For placing the back support upholstery (1), lay it centred around the upper upholstery strap (4) and attach it to the adjustable back strap with the velcro fasteners (2).

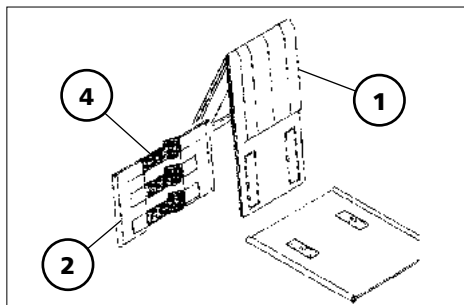
☞ For a soft upper edge you should leave a little space between the upper spanning belt (4) and the folded back support upholstery (1).

☞ Note:

When the user leans against the front cushion again, pay attention that:

- ☞ The pressure of the back must be spread evenly throughout the back cover.
- ☞ A complete hand should fit in between the cover and back at the upper edge of the back cover.
- ☞ The head of the user must be held at balance by the back cover.

The extended back support parts are attached to the seat surface with velcro after adjusting the back support height [5].



PUSH HANDLES

The height adjustable push handles [1] are attached to the back support with a clamping jig each (2) and can be adjusted to the requirements of the accompanying person.

Height adjustable push handles

The push handles are continuously height adjustable, swivelling in steps of 30° and secured against being pulled out.

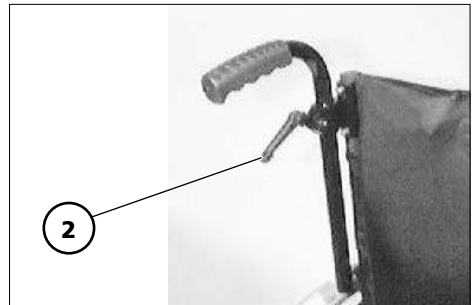
Height adjustment of the push handles

- First hold onto the push handle that is to be adjusted with one hand, then loosen the corresponding clamping lever (2) with the other hand.
- Then lift/slide the push handle to the desired height and afterwards retighten the clamping lever (2).

Special features of the clamping lever

The clamping lever (2) can be turned into an operation position that is comfortable for you.

- For this pull the lever outward, until the teething is released.
- After turning the lever let the teething engage again.



Removing the push handles

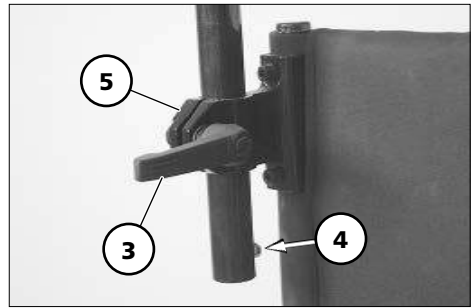
Loosen the clamping lever (3) and pull the according push handle up as far as it will go.

Press the respective spring button (4) inward and pull the push handle out of the clamping device (5).

Inserting the push handles

Press down the spring button (4) and insert the push handle from the top into the respective clamping device (5).

Slide the push handle through the clamping device (5) and retighten the clamping lever in the desired position (3).



Push handles with tube guidance

The push handles [1] are guided swivel-proof inside the back tube and continuously height adjustable by up to 10 cm.

Height adjustment of the push handles

- First hold onto the push handle that is to be adjusted then swivel the corresponding clamping lever (2) with the other hand into the horizontal position.
- Then adjust the push handle to the desired height and clamp it tight [3].
 - For this press the clamping lever downward (1).

Attention:

- ! After each adjustment the secure fit of the push handles is to be checked with a pull-/push test!

Note:

With the clamping lever swivelled down, the respective push handle may not let itself be moved.



WHEELS

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.



Drive wheels

The drive wheels are on a full quick release axle (1).

- ✎ No person may be seated in the wheelchair during assembly or removal. The wheelchair must stand on a level and firm surface. Before starting the disassembly of a wheel, support the frame to prevent the wheelchair from tipping over and secure it to prevent an unwanted movement or tipping over.

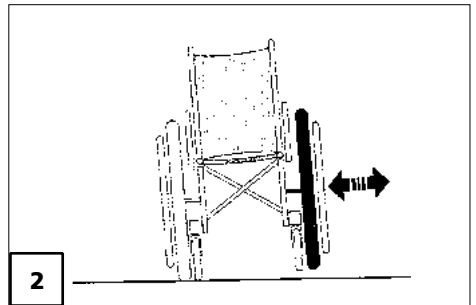
✎ Note:

- ✎ After each assembly the locking device is to be checked with side-ward pulling/pressing on the drive wheels!
- ✎ If the drive wheels has too much sideward lag or the quick release axle does not engage, contact your specialist dealer immediately for repair.

Quick release axle

The drive wheels can be removed and reassembled without any tools.

- First press the locking knob (1) of the quick release axle in the center of the hub.



- Afterwards remove or attach the drive wheel [2].

Attention:

- ! After inserting the drive wheel the locking knob (1) must stick a couple of millimetres out of the wheel nut.

SUPPORT CASTORS

Stick-in support castors

Removing/inserting the support castors

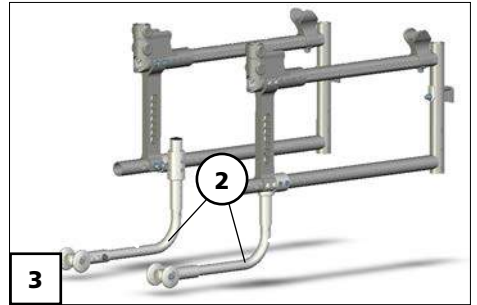
- Depress the corresponding spring button (1) in order to remove/insert a support castor.
- ☞ The respective spring button (1) must visibly and audibly engage.



Swing-out support wheels

The support castors (2) can be swivelled inward underneath the seat [4].

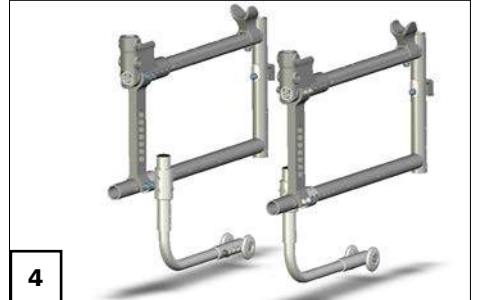
- ☞ Swivelling of the support castors can be done by an accompanying person or aid.
- Free foot space for the accompanying person with the support castors swung inwards.



Swivelling the support castors

- ☞ **Note:**
This function can be performed with the foot.

Press the support castors down out of the lock then swivel them under the seat [4], or toward the back [3] until the respective lock engages automatically.



MANOEUVRE ROLLERS

For driving through tight passages (e.g. in trains) the wheelchair can be pushed over the shunting castors [1] without drive wheels by an attendant.

Shunting castors without brakes

Attention:

- ! The wheelchair may only be parked under the supervision of an attendant! – No braking function possible!
 - Danger of accidents through uncontrolled rolling motions!

Note:

When using the shunting castors the attendant is responsible for the safety of the person sitting in the wheelchair.

Height adjustment of the shunting castors

After changing the seat height as well as after changing the size of the wheels, the shunting castors may have to be adjusted in height again.

- 👉 The correct height setting is to be checked by the specialist dealer and readjusted if necessary.



RETAINING STRAP

The retaining strap [1] is screwed from the back onto the respective back support tube.

Note:
The retrospective assembly of a retaining strap is only to be carried out by a specialist workshop!

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

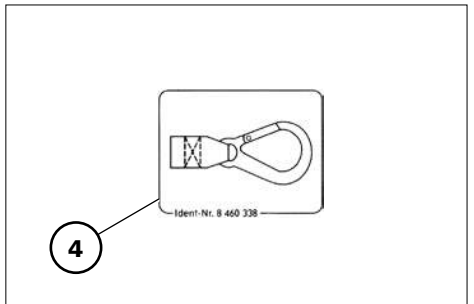
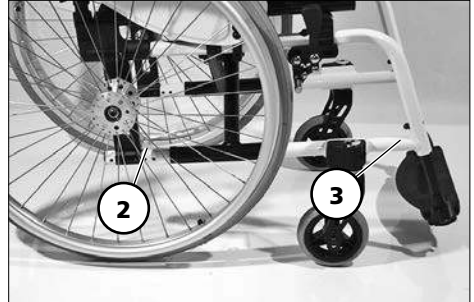
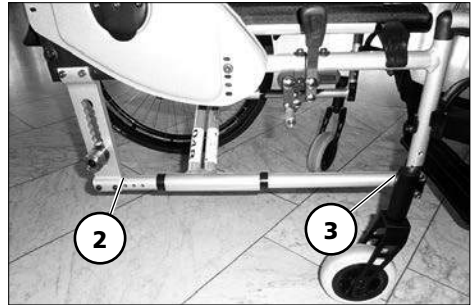


TRANSPORT

Transport security

The wheelchair is only to be secured through the four securing points (2) and (3).

- ✎ The anchor positions are marked with the symbol (4).
- ✎ The procedure for securing the wheelchair can be read in the document < Safety and general handling instructions < Mechanical and muscle powered wheelchairs > chapter < Transport in motor vehicles or with conveyors >.



TRANSPORT OF PEOPLE INSIDE A MOTOR VEHICLE

To determine if your wheelchair is approved as a seat for person transport inside a motor vehicle, please look at the type plate of your wheelchair.

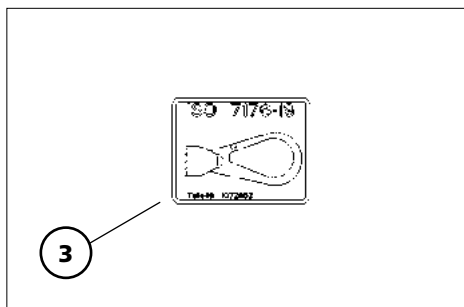
Attention:

- ! Subsequently, firmly attached parts of non-original parts to your wheelchair are not approved for person transportation within a motor vehicle.

Securing the wheelchair

The wheelchair is only to be secured through the four securing points (1) and (2).

- ☞ The anchor positions are marked with the symbol (3).
- ☞ The procedure for securing the wheelchair can be read in the document < *Safety and general handling instructions Mechanical and muscle powered wheelchairs* > chapter < *Transport in motor vehicles or conveyors* >.



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

MAINTENANCE

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

Maintenance

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

Maintenance schedule

WHEN	WHAT	REMARK
<p>Before starting out</p>	<p>Test brakes for faultless operation</p> <p>Activate brake lever to the limit. 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.</p>	<p>Carry out test yourself or with a helper.</p>
<p>Before starting out</p>	<p>Check pressure brake for wear</p> <p>Move brake lever to the side</p>	<p>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!</p>
<p>Before starting out</p>	<p>Check air pressure of the tyres</p>	<p>Do it yourself or with the aid of a helper. Use a tyre pressure tester or, if not available, the 'thumb press' method or similar (view < <i>Safety- and general handling instructions Mechanical and muscle powered wheelchairs</i> > chapter < <i>Tyres</i> >).</p>

WHEN	WHAT	REMARK
Before starting out	Check tyre profile	Carry out visual check yourself. If the tyre profile is worn down or if the tyre is damaged, consult a specialist workshop for repairs.
Before starting out	Check back support for stability Check frame tubes for damage	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!
Before starting out Especially before driving in the dark	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.
Every 8 weeks (depending on distance covered)	Lubricate the following components with a few drops of oil – Bearing of cross-brace. – 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).

WHEN	WHAT	REMARK
<p>Every 8 weeks (depending on distance covered)</p>	<p>Check all screw connections for secure fit</p>	<p>Carry out test yourself or with a helper The following is to be checked with great care:</p> <ul style="list-style-type: none"> - Attachment of the back- and seat profiles at the side frame, - attachment of the footplate to the side frame.
<p>Every 6 months (depending on frequency of use)</p>	<p>Check</p> <ul style="list-style-type: none"> - Cleanness. - General condition. 	<p>View < <i>Maintenance</i> > in document < <i>Safety and general handling instructions Mechanical and muscle powered wheelchairs</i> >.</p> <p>Do it yourself or with the aid of a helper.</p>
<p>Manufacturer recommendation: Every 12 months (depending on frequency of use)</p>	<p>Safety inspection</p> <ul style="list-style-type: none"> - Vehicle 	<p>To be carried out by the specialist dealer.</p>

TECHNICAL DATA

All model dependent specifications within the < *Technical data* > refer to the standard version of the respective models.

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 \pm 1 cm, \pm 2°.

Short form of wheelchair dimensions:

SH = Seat height

SW = Seat width

SD = Seat depth

BH = Back support height

Calculation of the max. user weight:

Attention:

! 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 user 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 filling pressure:

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

Full tyre pressure – steering wheel

Standard:

2.5 - 3.5 bar = 36 - 50 psi

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

TECHNICAL DATA

Model:..... **1.735**

Type plate:..... at the crossbrace tube

Life span: 4 years

Dimensions: **min. / max. / manufacturer setting**

Length with leg supports

Medium frame: 845 / 975 / 890 mm

Long frame:..... 900 / 1040 / 945 mm

Overall width:

w wheel camber 0°: 560 / 780 / 630 mm

w wheel camber 3°: 610 / 830 / 680 mm

Overall height: 775 / 960 / 920 mm

Back strap height adjustable by +2.5 cm each:

Adjustable back: 34 / 44 / 42 cm

Seat width: 360 / 580 / 430 mm

Seat depth (medium frame): 350 / 430 / 430 mm

Seat depth (long frame):..... 460 / 500 / 480 mm

Seat height, without cushion:

Seat surface height at front edge: 440 / 520 / --- mm

Height of armrests:

from seat surface: 20 / 29 / --- cm

Back support to front edge of arm support:..... 30 / 34 / --- cm

Seat cushion thickness:..... 3 / 6 / --- cm

Push handle height:

continuously adjustable: --- / 96 / --- cm

adjustable in steps: --- / 92 / --- cm

Back support angle:

bent at manufacturer (firm): ---° / ---° / 90°

Seat tilt: -12° / 12° / ---

Leg support angle:

Code 346..... 75°

Foot support to seat, without seat cushion (lower shank length):

with foot board: 38 / 48 / --- cm

Wheels

Steering wheel

ø 125 x 25 mm (5"): solid rubber
ø 142 x 37 mm (5,5"): solid rubber
ø 175 x 40 mm (7"): solid rubber

Driving wheel

ø 590 mm (24 x 1"): 4.0 bar
ø 610 mm (24 x 1 3/8"): 4.0 bar

Handrim diameter: 54 cm

Wheel camber: 0° / 3° / 0

Axle Horizontal position: 25 / 70 / 40 mm

Transport dimensions

Folding length: 845 / 1040 / --- mm

Folding width:

w wheel camber 0°: 280 mm

w wheel camber 3°: 330 mm

Folding height: 775 / 960 / 920 mm

Length without drive wheels, without leg supports: 715 / 820 / --- mm
(Support castors are removed or swivelled underneath the seat)

Permitted inclination/slopes

max. obstacle height (depending on the setting
of the leg support height): 30 / 100 / 80 mm

min. turning radius diameter: 1250 mm

max. permissible rising gradient: 4.5° (8 %)

max. permissible falling gradient: 4.5° (8 %)

max. permissible transverse gradient: 4.5° (8 %)

static tilting safety in all directions: 6° (10 %)

Climatic data:

Ambient temperature: -25 °C to +50 °C

Storage temperature: -40 °C to +65 °C

Weights

permissible total weight (medium frame; code 352): 148 kg

permissible total weight (long frame; code 353):..... 174 kg

max. permissible user weight

(including additional load,(medium frame; code 352):..... 135 kg

max. permissible user weight

(including additional load, (long frame; code 353):..... 150 kg

Max. additional loading:.....10 kg

Empty weight:.....min. 12 / max. 14 kg

Heaviest single component:

Drive wheel:2.3 kg

Transport weight: min. 7.5 kg

(without arm supports, cushion, drive wheels, leg supports)

Model:..... **1.736**

Type plate:..... at the crossbrace tube

Dimensions

Length with leg supports

Short frame (SD 35 cm / ø 559 mm (22")):..... 880 mm

Medium frame (SD 43 cm / ø 610 mm (24")):..... 1040 mm

Long frame (SD 50 cm / ø 610 mm (24")): 1120 mm

Length without leg supports

Short frame (SD 35 cm / ø 559 mm (22")):..... 660 mm

Medium frame (SD 43 cm / ø 610 mm (24")):..... 770 mm

Long frame (SD 50 cm / ø 610 mm (24")): 850 mm

Width:..... SW + 180 mm

(tightest adjustment of the handrims)

Height without head support

(in centre height position of the drive wheels)

Short frame: approx. 830 mm

Medium frame: approx. 920 mm

Long frame:..... approx. 920 mm

Back support belt height (w/out seat cushion)

Short frame (min. / max.): 34 / 40 cm

Medium frame (min. / max.): 38 / 44 cm

Long frame (min. / max.): 38 / 44 cm

Height adjustable back support (min. / max.): BH / BH + 15 cm

Seat width

Short frame (min. / max.): 30 / 36 cm

Medium frame (min. / max.): 36 / 58 cm

Long frame (min. / max.): 36 / 58 cm

Seat strap depth

Short frame (min. / max.): 33 / 38 cm

Medium frame (min. / max.): 40 / 46 cm

Long frame (min. / max.): 48 / 53 cm

Seat height, front (variable)

Short frame (min. / max.):	42.5 / 49.5 cm
Medium frame (min. / max.):	44.0 / 56.0 cm
Long frame (min. / max.):	44.0 / 56.0 cm
Seat to arm supports (Code 21, 84, 81) (min. / max.):	20 / 29 cm

Wheels

Steering wheel

ø 125 mm:	solid rubber
ø 142 mm:	soft solid rubber
ø 150 mm (PUS):	puncture safe
ø 150 mm (6 x 1 ¼") pneumatic tyres:	2.5 bar
ø 150 mm (6 x 1 ¼"):	puncture proof
ø 180 mm (7 x 1 3/8") pneumatic tyres:	2.5 bar

Driving wheel

ø 559 mm (22"):	puncture safe / 4.0 bar
ø 610 mm (24"):	puncture safe / 4.0 bar
Handrim diameter:	490 / 540 mm
Axle Horizontal position (min. / max.):	25 / 70 mm

Transport dimensions

Length (without drive wheels, without leg supports)

Short frame:	49 cm
Medium frame:	61 cm
Long frame:	69 cm
Folding width (min. / max.):	28 / 33 cm
Folding height (min. / max.):	- / 920 mm

Climatic data

Ambient temperature:	-20 °C to +40 °C
Storage temperature:	-10 °C to +40 °C

Permitted inclination/slopes

max. obstacle height (depending on the setting of the leg support height) (min. / max.):	50 / 160 mm
min. turning radius diameter:	1250 mm
max. permissible rising gradient:	8 % (14°)
max. permissible falling gradient:	8 % (14°)
Stability against tipping over:	8 % (14°)

Weights

Max. loading therapy table: 15 kg

Seat cushion: 0.7 kg

Transport weight: min. 8 kg
(without arm supports, leg supports, cushion, drive wheels)

Short frame

Max. permissible total weight: 90 kg

max. user weight (including additional load): 75 kg

Max. additional loading: 10 kg

Empty weight (with drive wheels): min. 12 kg

Medium frame

Max. permissible total weight: 142 kg

max. user weight (including additional load): 125 kg

Max. additional loading: 10 kg

Empty weight (with drive wheels): min. 13 kg

Long frame

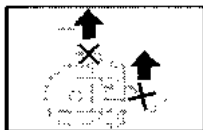
Max. permissible total weight: 178 kg

max. user weight (including additional load): 160 kg

Max. additional loading: 10 kg

Empty weight (with drive wheels): min. 14 kg

Meaning of the labels on the wheelchair



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

Achtung

Erhöhte Kippgefahr auf Steigung / Gefälle
besonders in Verbindung mit kurzem Rad-
stand.

Attention!

Increased danger of tilting when on inclinations /
slopes, especially in combination with short wheel
base.

Meaning of the symbols on the type plate



Manufacturer



Order number



Serial number



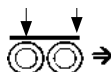
Production date (Year – Calendar week)



Permitted user weight



Max. permissible total weight



Permitted axle loads



Max. permissible rising gradient



Max. permissible falling gradient

max. ... km/h Max. permitted final 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: _____

NOTES

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 specialist dealers as well as maintenance and inspections in regular intervals.

Guarantee 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 user or owner.

We reserve the right to make technical improvements.



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

WARRANTEE / 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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