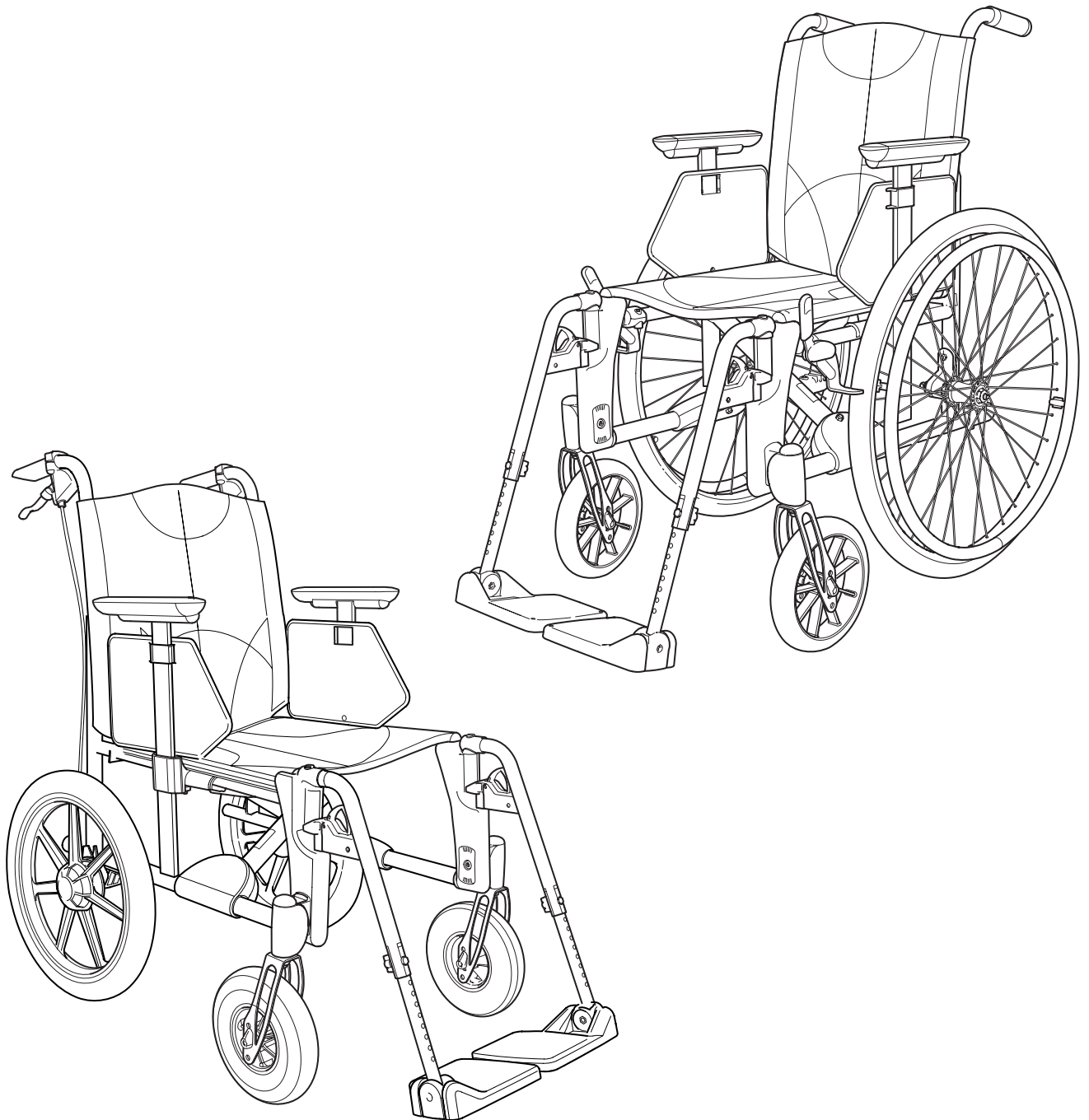


M100/M100TR

Manual

74982N 2021-05-18



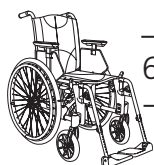
Contents

1. General – introduction	4
2. Description	5
3. Settings	
Seat height adjustment	6
Seat height adjustment using the rear wheel position ..	6
Seat height adjustment with change of rear wheel	7
Seat height adjustment using the castor wheel position...	8
Seat height adjustment using the front fork attachment ..	8
Seat height adjustment with change of castor wheel/ front fork	9
Seat angle	10
Balance adjustment/amputee position	10
User manual	
M100 & M100TR	11-18
Explanation of symbols	11
Transportation in vehicles	12
Unfolding & folding	12
Adjustments	13
Drum brake	14
Maintenance & Fault-finding chart	14
Driving technique, maneuvering	15-18

4. Readjustments	
Brake, adjustment	19
Adjustment of drum brake	19
Anti-tips, turnable	20
Adjustable upholstery (option)	20
Push handles, vertically adjustable (option)	20
Bow handle (option)	21
Positioning belt (accessory)	21

5. Accessories	22 – 23
-----------------------	---------

8. Service and maintenance	
Washing backrest and seat	26
Rear wheel/castor wheel	26
Brakes	26
Washing the frame	26
Miscellaneous	26



6. M100	24
----------------	----



7. M100TR	25
------------------	----

1. General

Thank you for choosing a wheelchair from Etac. The manual must be read thoroughly to avoid damage when handling and using the chair.

In this manual the User is the person sitting in the chair. The Care giver is the person helping the user.



This symbol appears in the manual together with text. It highlights actions where the wheelchair's, the user's or the care giver's safety can be put at risk.

M100 is a manual, cross-folded, allround wheelchair with variation options that is intended for use both outdoors and indoors. Seat and footplates are adjustable in height and angle, and the backrest in height. M100 can be

CE The product conforms to the requirements of the Medical Devices Regulation (EU) 2017/745.



According to EN 12183



Read the operating instructions before use



To be sorted according to national regulations

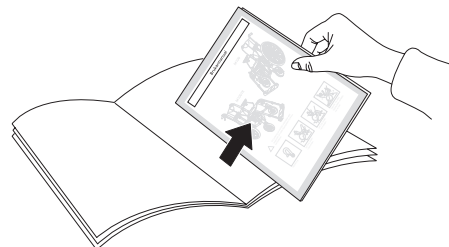
supplemented and adjusted if needs change. In addition there is a range of options and accessories such as seat cushions, anti-tips, various types of legrests and rear wheels for example.

M100 has excellent prerequisites to create comfort, functionality and good manoeuvrability.

Etac regularly improves its products. We therefore reserve the right to modify the products without prior notice. The dimensions given on drawings or other material are solely for guidance.

We are not responsible for printing errors or incomplete information.

In the centre spread of this manual you will find a removable section that contains user information.



Tests and Guarantees

Crash test:

Etac's wheelchairs are tested in accordance with ISO 7176-19. They are crash tested at the Technical Research Institute of Sweden. The tests were carried out with normal settings on the wheelchairs (see manual for the respective wheelchair) and with an UNWIN_WWR/ATF/K/R restraining device and an UNWIN_WWR/HD/ATF/K/R 3-point seat belt.

Service life:

The product is tested and fulfils the demands stated in EN 12183. The main product's durability and lifetime is at least five years when used in accordance with intended use, the safety instructions, the reconditioning manual and instructions for use in the user manual. The main product consists of the chassis for seat and back support. Additional parts/accessories are handled in accordance with the manual and reconditioning manual. The actual lifetime can vary, depending on how much and how intensively the product is being used, but a maximum of 10 years. If the product is intended for use after the service life period specified by Etac, it is the responsibility of the product owner to ensure product functionality in accordance with the manual and reconditioning instructions. If this cannot be ensured then the product should be taken out of use.

The following methods of surface treatment have been used:

Lacquered surfaces = Polyester powder coating
Non-lacquered aluminium parts = Anodized coating
Non-lacquered steel surfaces = Galvanized

CE marking:

The product has passed all tests and met all criteria set by European standards for specific product groups. Combination agreements exist, see www.etac.com

Guarantee:

5 year guarantee against material and manufacturing defects. For terms and conditions, see www.etac.com

Special adaptations:

comprise everything that falls outside the instructions and settings in this Manual. Wheelchairs specially adapted by customers are not eligible for Etac's CE marking. Etac's guarantee no longer applies. If in the least doubt about the validity of adjustments, please contact Etac for advice.

In case of an adverse event occurred in relation to use of the device, it should be reported to your local dealer and the national competent authority in a timely manner. The local dealer will forward information to the manufacturer.

Tools



Allen key
3, 5, 6 mm



Socket spanner
19/24 mm



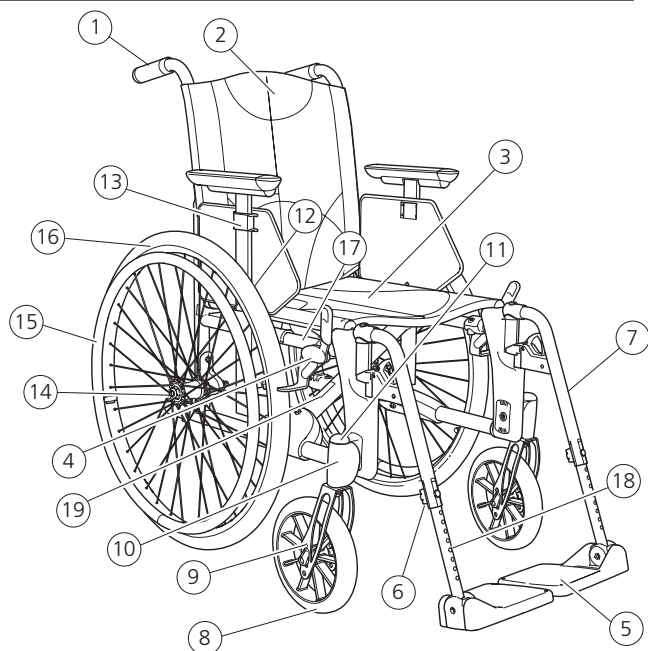
Torx key
T20

Explanation for list of points

- Standard
- Options

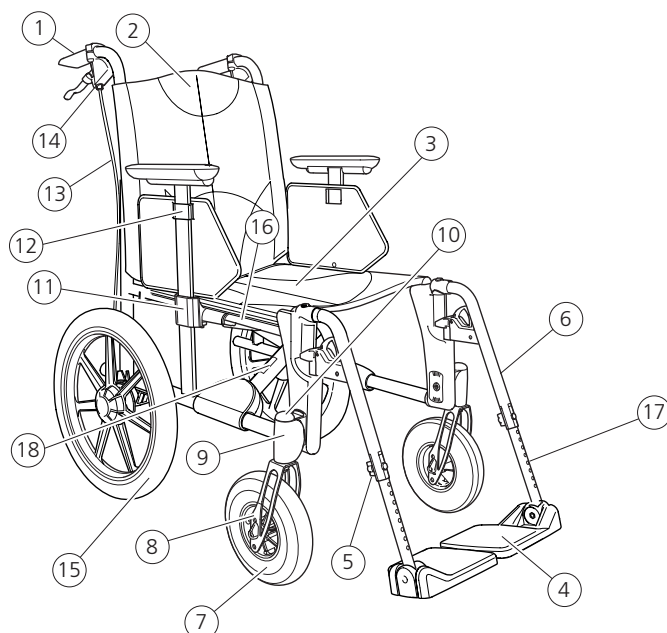
2. Description

M100



- | | | |
|--------------------------|---------------------------|------------------------------|
| 1. Back tube | 8. Castor wheels | 14. Quick release hub |
| 2. Backrest upholstery | 9. Front fork | 15. Handrim |
| 3. Seat upholstery | 10. Front fork attachment | 16. Rear wheel |
| 4. Brake | 11. Nut cover | 17. Side frame |
| 5. Footrest | 12. Armrest attachment | 18. Attachment tube footrest |
| 6. Footrest locking knob | 13. Armrest incl. lock | 19. Serial number |
| 7. Legrest | | |

M100TR



- | | | |
|--------------------------|--------------------------|--|
| 1. Back tube | 8. Front fork | 14. Brake handle drum brake/ Parking brake |
| 2. Backrest upholstery | 9. Front fork attachment | 15. Wheel 16" |
| 3. Seat upholstery | 10. Nut cover | 16. Side frame |
| 4. Footrest | 11. Armrest attachment | 17. Attachment tube footrest |
| 5. Footrest locking knob | 12. Armrest incl. lock | 18. Serial number |
| 6. Legrest | 13. Brake cable | |
| 7. Castor wheel | | |

3. Settings

Seat height adjustment

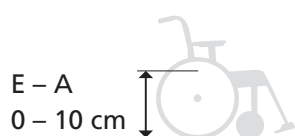
Depending on model the seat height is adjustable without changing rear wheels, front forks or castor wheels.



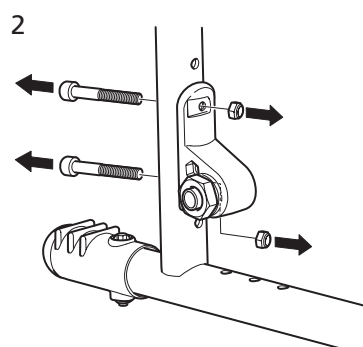
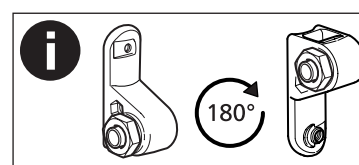
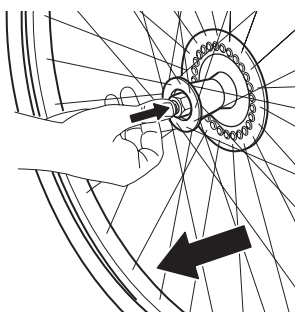
Bear in mind the risk of tipping.



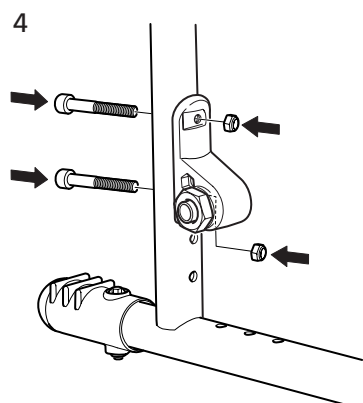
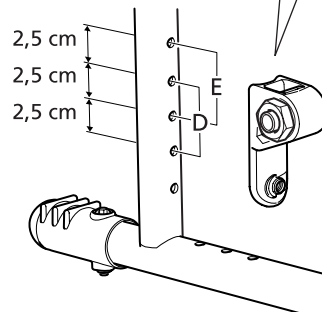
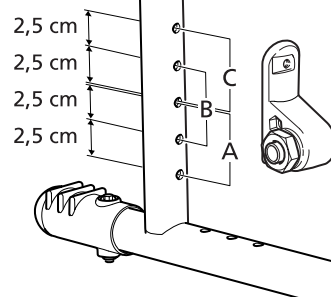
Seat height adjustment using the rear wheel position



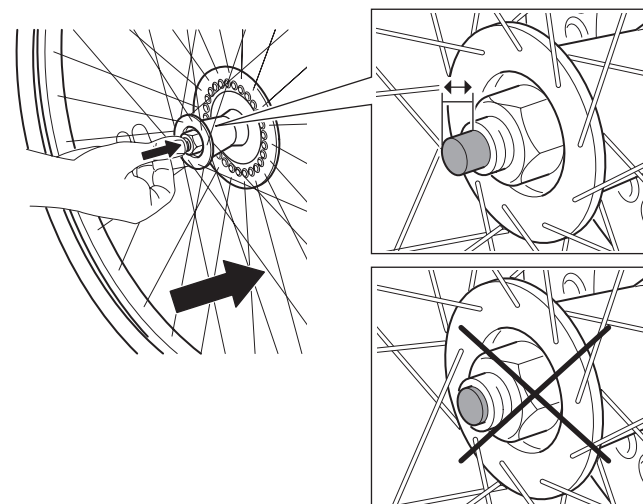
1



3



5

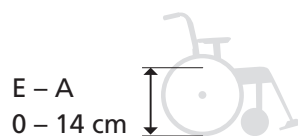


3. Settings

M100

M100TR

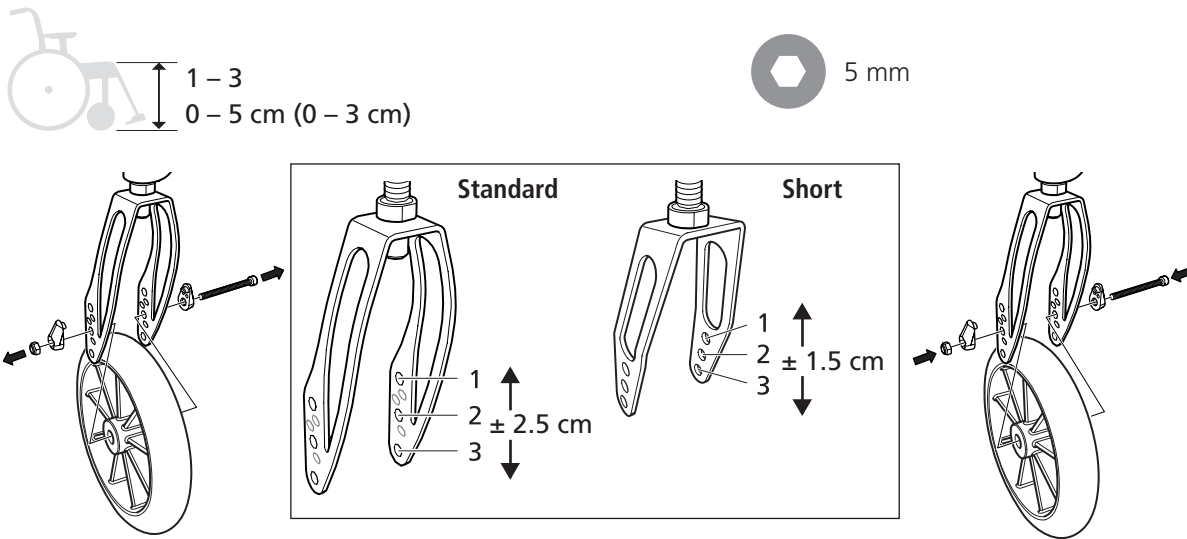
Seat height adjustment with change of rear wheel



20"			<p>E = 36 cm D = 38,5 cm C = 41 cm B = 43,5 cm A = 46 cm</p>
22"			<p>E = 38 cm D = 40,5 cm C = 43 cm B = 45,5 cm A = 48 cm</p>
24"			<p>E = 40 cm D = 42,5 cm C = 45 cm B = 47,5 cm A = 50 cm</p>

3. Settings

Seat height adjustment using the castor wheels' position in the fork



Seat height adjustment using the front fork attachment

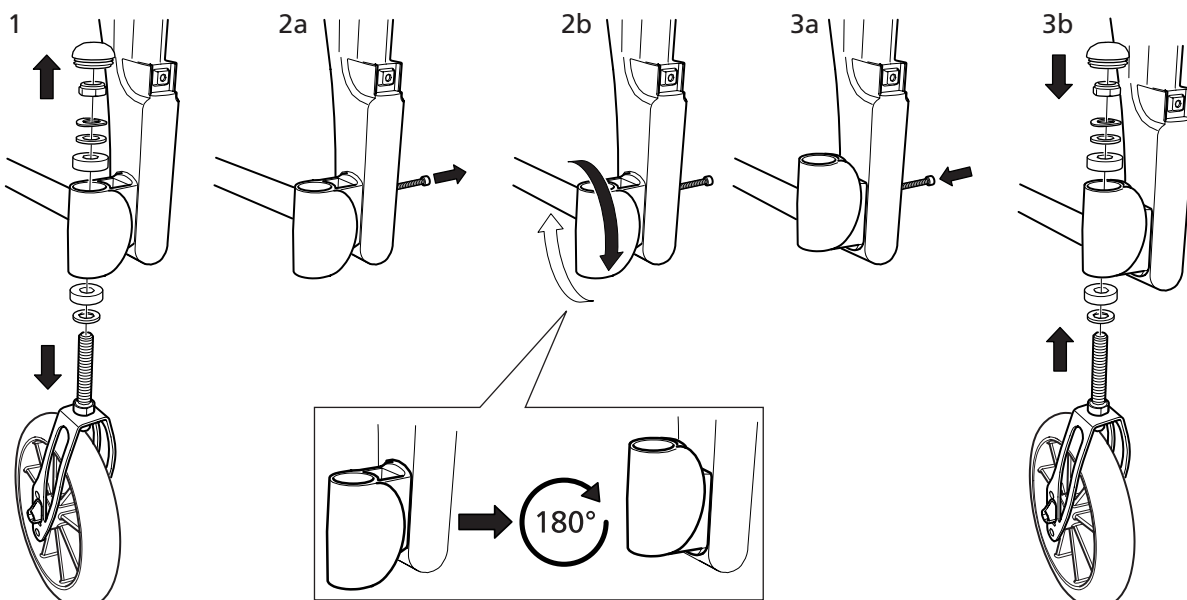


1. Remove the nut cover and loosen the front fork as in the illustration.
2. Loosen the front fork attachment and rotate 180°.
3. Replace the front fork with castor wheels as in the illustration.

Tighten the retaining nut until it cannot be turned any more.

Loosen $\frac{1}{2}$ – 1 turn. The spring washer then has the correct tension and reduces the risk of the castor wheels starting to "wobble".

NB: It is also important to ensure that the washers in the attachment (under the retaining nut) are placed in the right order, with the spring washer on top.

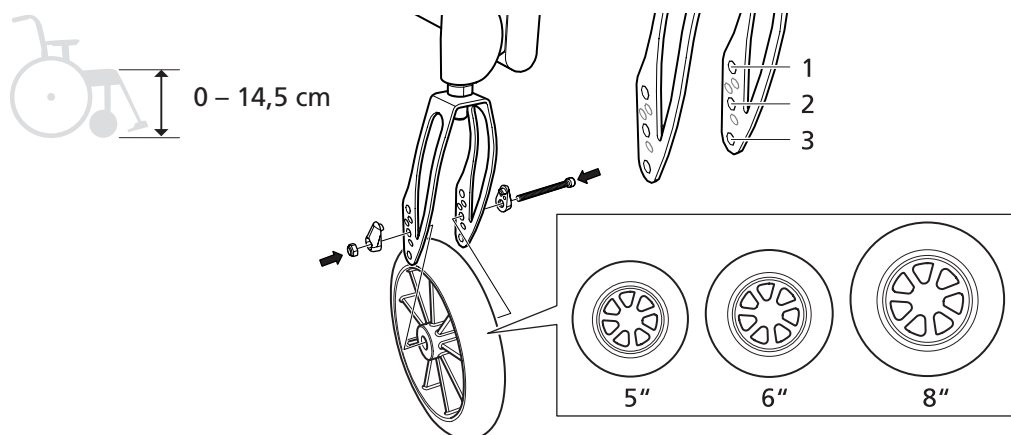









3. Settings

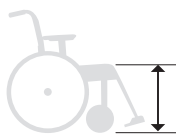
M100

M100TR

Seat height adjustment with change of castor wheel/front fork

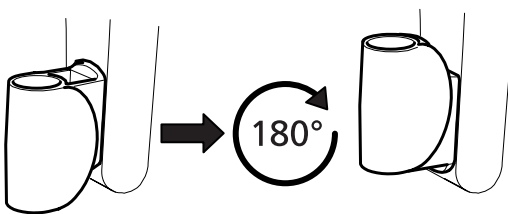


		 5" 125*30 mm	 6" 150*30 mm	 8" 200*30 mm 200*50 mm
Short		38 / 39,5 / 41 cm	40,5 / 42 cm	
		40,5 / 42 / 43,5 cm	43 / 44,5 cm	
Standard			42,5 / 45 / 47,5 cm	45 / 47,5 / 50 cm
			45 / 47,5 / 50 cm	47,5 / 50 / 52,5 cm



Note!

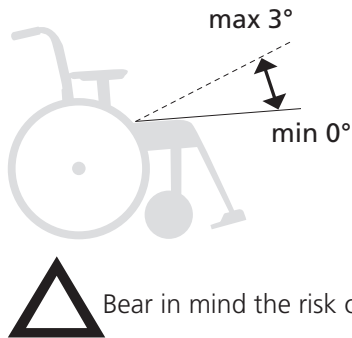
Don't forget the adjustment option of rotating the front fork attachment.



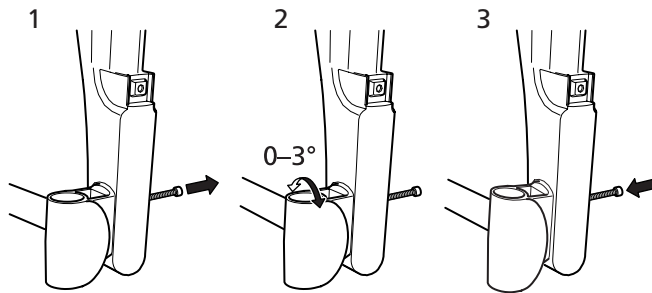
3. Settings

Seat angle

The seat angle can be set at 0° or 3° (see previous illustrations). Adjust the front fork mounting so that the front fork is perpendicular.

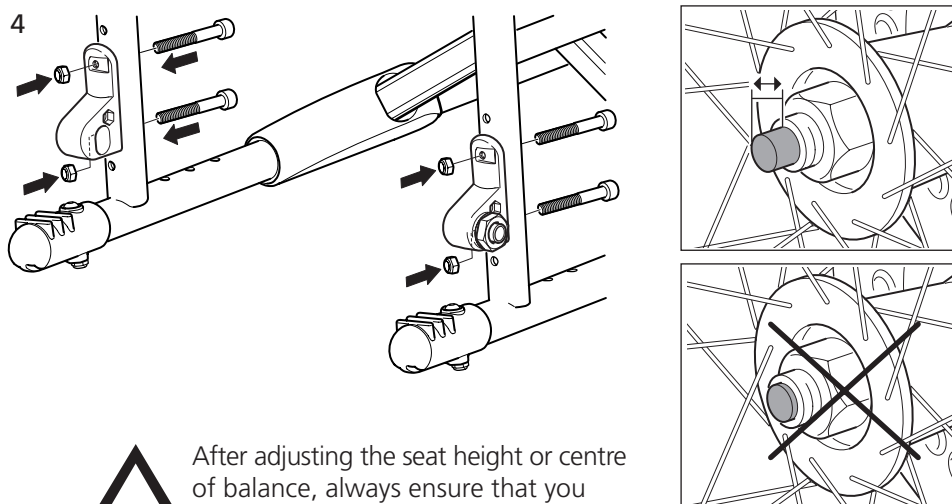
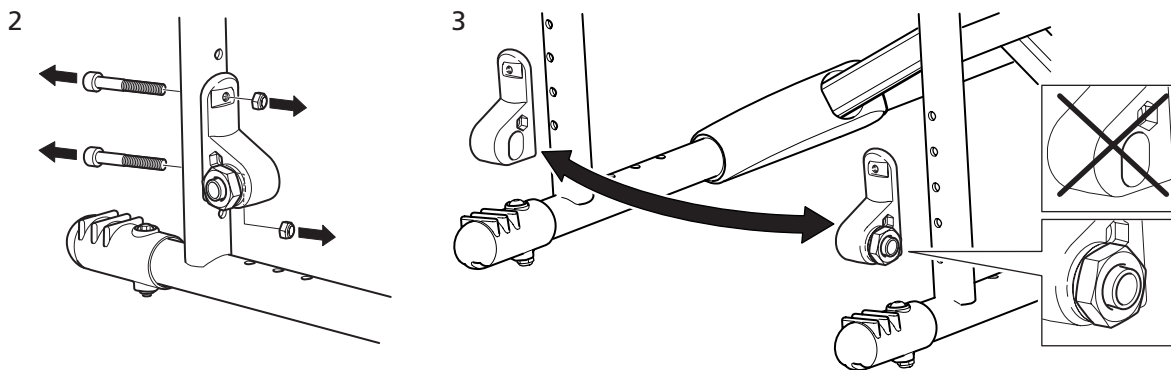


Bear in mind the risk of tipping.



Balance adjustment/amputee position (only with 24" rear wheels)

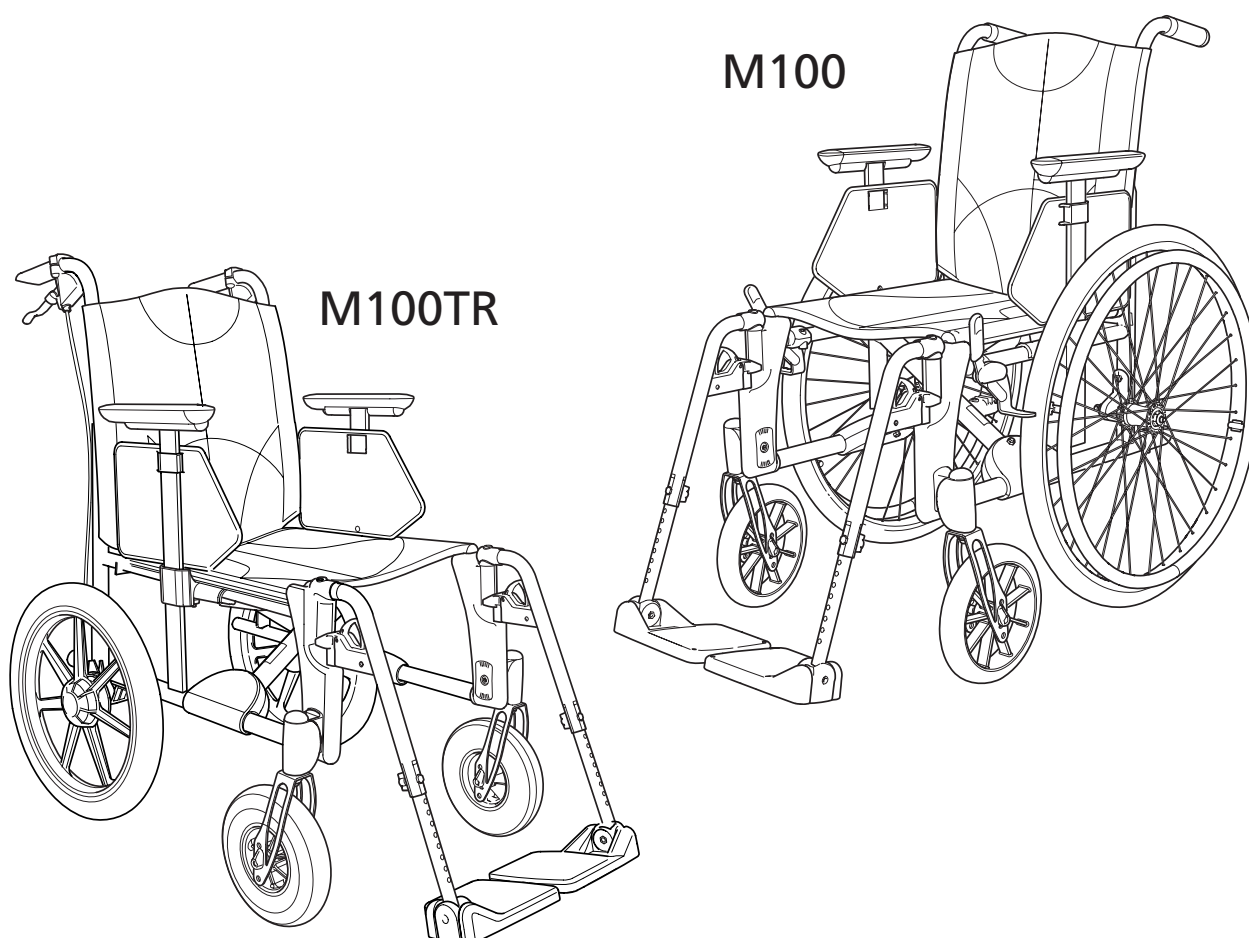
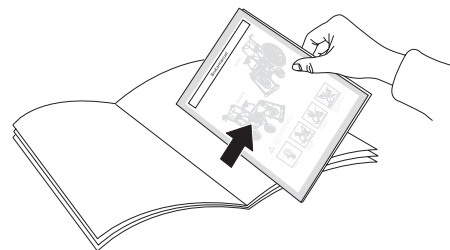
1. Remove the rear wheel as shown in the illustration on page 6.
2. Loosen the rear wheel attachments.
3. Change the sides of the attachments.
4. Mount them on the rear of the frame.
5. Mount the rear wheel according to the illustration on page 6.



After adjusting the seat height or centre of balance, always ensure that you check the function of the anti-tips.

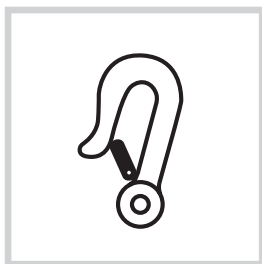
User manual

74982N 2021-05-18

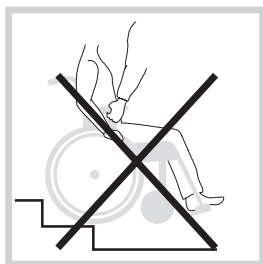


After adjusting the seat height, centre of balance or backrest angle, always ensure that you check the function of the anti-tips.

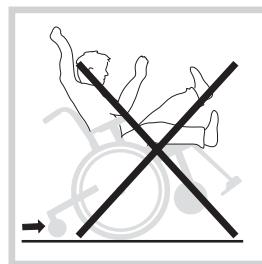
Explanation of symbols



Securing



Do not lift the chair by the armrests



Risk of tipping: Always have the anti-tips down when in motion

User manual

Transportation in vehicles

Mobility service bus

Etac's wheelchairs are crash-tested and approved according to ISO 7176-19 with restraint components and 3-point belt from Unwin.

Etac recommends in the following order:

- 1) The user transfers to one of the seats in the vehicle and uses the vehicle's 3-point belt while travelling. The wheelchair is then placed in the boot or safely in the back seat so that it cannot overturn or roll.
- 2) The wheelchair is secured facing forwards in the vehicle as per this manual, the user uses a separate 3-point belt that is secured in the vehicle.
- 3) According to directive 2001/85/EC, appendix VII, point 3.8.3. there are specially marked wheelchair locations in vehicles that permit transport with a wheelchair facing in the opposite direction of travel.

If this means of travel is used, the user/carer must

be aware while travelling, prepared for sudden movements and have the capacity to maintain a safe sitting position throughout the entire journey.

The user's disabilities must not be of such an extent that he/she is not able to hold onto the handles fitted in the vehicle when there are changes of speed or direction.

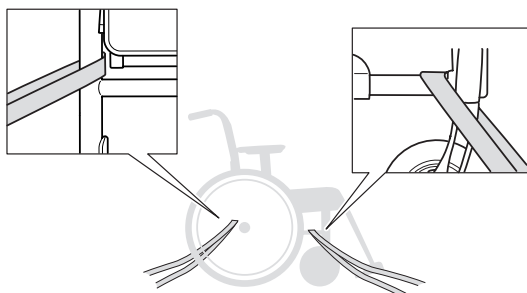
In conjunction with points 2 and 3:

- a correctly adjusted headrest should be used
- the backrest should be level with or above the user's shoulders
- the parking brake should be used
- the anti-tips should be lowered
- accessories/parts that can be removed without tools, shall be removed and secured
- backrest brace must be used
- rear wheels must have handrims

Securing

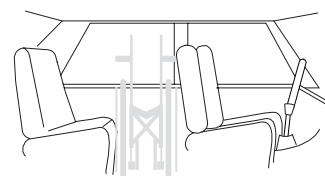


Restraining device must not be put through the wheels.



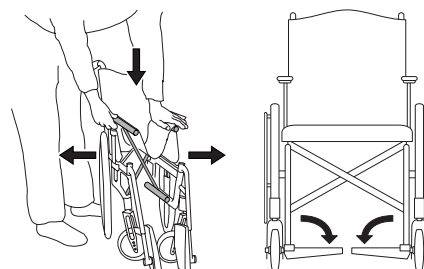
Private car

- The wheelchair should preferably be placed in the car boot.
- If the wheelchair is placed in the back seat, ensure that it cannot overturn or roll. If possible secure the wheelchair with the car's safety belt.



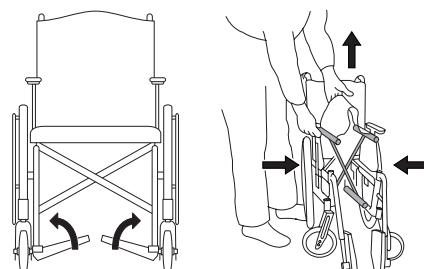
Unfolding

- Push down on one side of the seat frame, using the whole of the flat of the hand.
- Do not hold the seat frame while unfolding as there is a risk of pinching your fingers.
- Flip down the footrests.



Folding

- If a bow handle and/or cross brace is mounted they should be removed.
- Flip up the footrests.
- Lift the seat upwards.

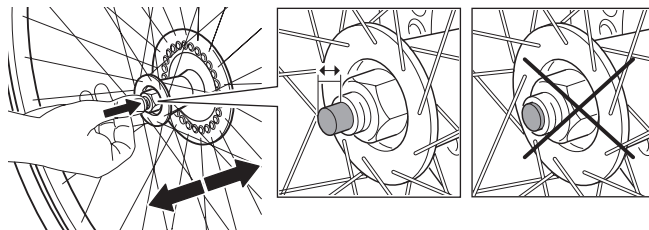


User manual



Rear wheel with quick release hub

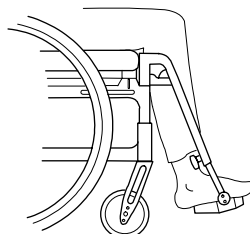
- When mounting, always check that the quick release button in the hub pops out completely.



Footrests

Adjust the height so that you sense that your feet are receiving support and your thighs are resting against the cushion.

For outdoor use the footrests should be raised 4 – 5 cm above the ground.



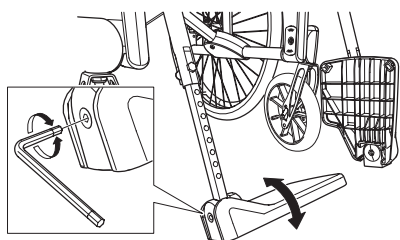
Never stand on the footrests as there is a risk of tipping!

Adjusting the angle

Adjust the angle of the footrests so that your ankles are at a 90° angle.

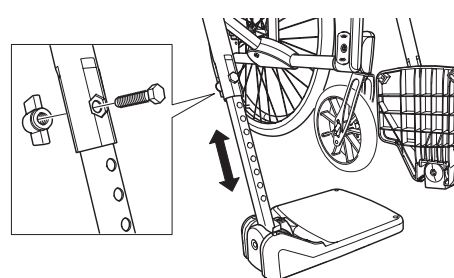


5 mm



Adjusting the height

Fully loosen the locking knob on the legrest. Remove the screw. Set the height. Replace the screw and handle. Tighten securely.

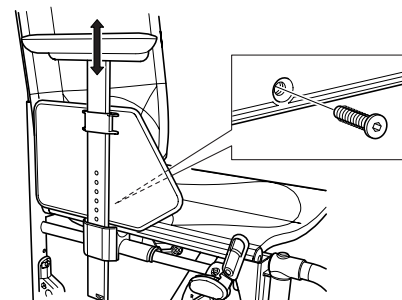


Armrest (adjustment)

- Loosen the screws on the inside of the side plate.
- Move the armrest up or down to the desired height and tighten the screws.
- If the armrests are set high they support and relieve the pressure on the back better than if they are set low.



3 mm



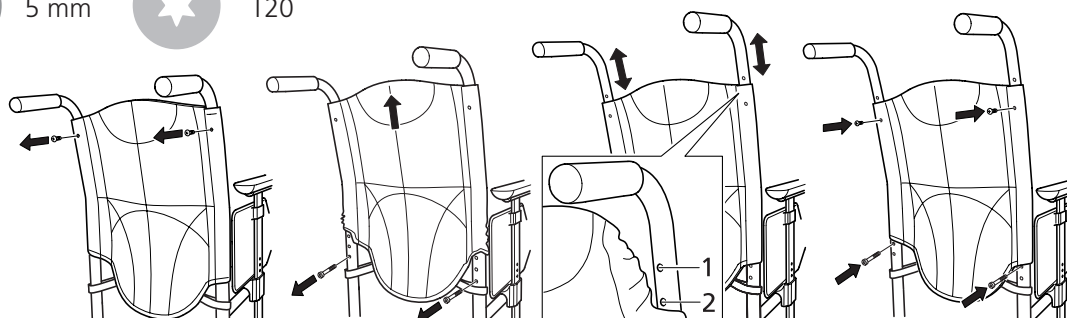
Adjustment of backrest height and upholstery in standard model



5 mm

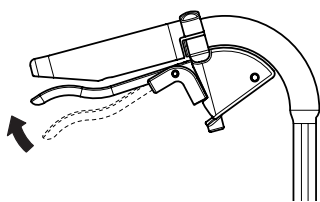


T20



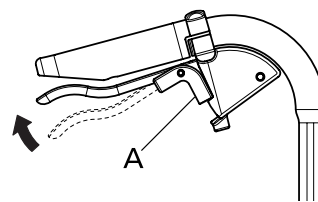
User manual

M100 TR Drum brake



- Brake while in motion by pulling the brake lever upwards.

M100 TR Drum brake



- Activate the parking brake by pulling the brake lever upwards and pressing in button A.

Release by pressing the lever upwards.

Rear wheel: Clean the quick release axles when necessary.

Castor wheels: Clean the castor wheel axles when necessary.

Frame: Clean the frame with a non-abrasive cleaning agent with a pH level between 5 and 9, or with a 70% disinfectant solution. Rinse and dry.

Upholstery: Wash, see label on upholstery.

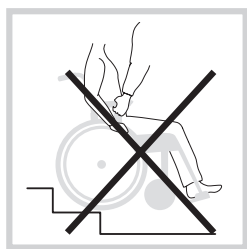
For more severe problems, contact the Technical Aids Centre.

(!) When necessary, lubricate moving parts/joints with bicycle oil or similar.

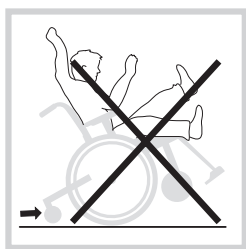
Fault-finding chart

The wheelchair pulls to the side	<ul style="list-style-type: none"> • Adjust the front fork attachment's angular setting • Check that the front fork attachments are mounted at the same height. • Rear wheel mountings are incorrectly fitted • The user is distributing weight unevenly • More strength being used on one side than the other when moving the chair
The wheelchair feels "heavy" to propel	<ul style="list-style-type: none"> • Rear wheel attachments are incorrectly fitted • Clean the castor wheel axles from hair and dirt
The wheelchair feels "heavy" to turn	<ul style="list-style-type: none"> • Check that the front forks are not too tight • Clean the castor wheel axles from hair and dirt
Brakes not effective	<ul style="list-style-type: none"> • Adjust the distance between brake and tyre
Rear wheels "loose"	<ul style="list-style-type: none"> • Adjust the length of the axle shaft
Rear wheels hard to remove/replace	<ul style="list-style-type: none"> • Clean and lubricate quick release with cycle oil or similar • Adjust the length of the axle shaft
The castor wheels "wobble"	<ul style="list-style-type: none"> • The front forks are not tight enough • Check that the front fork attachments are mounted at the same height. • Adjust the front fork attachment's angular setting • Too much weight over the castor wheels. Adjust the chair's centre of balance
The wheelchair is hard to fold/unfold	<ul style="list-style-type: none"> • The upholstery is too tight • Clean and lubricate the cross-parts under the seat
The wheelchair feels "awkward"	<ul style="list-style-type: none"> • Check that screws, nuts and bolts are properly tightened

User manual – driving technique, maneuvering



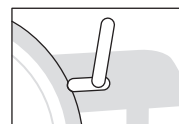
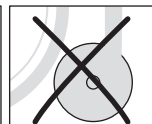
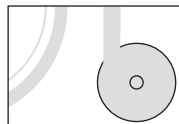
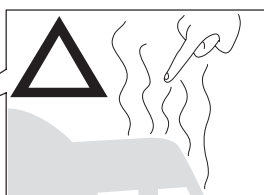
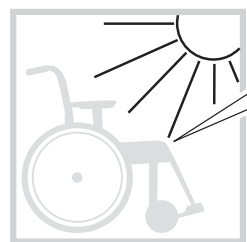
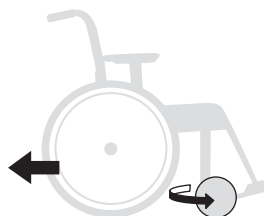
Don't lift the chair by the armrests.



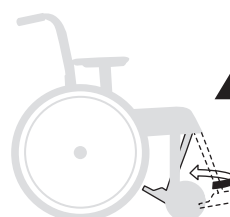
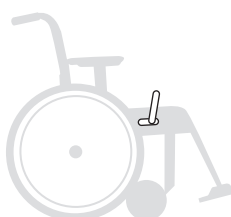
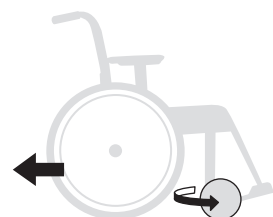
Risk of tipping: Always have the anti-tips down when in motion.



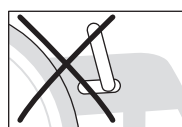
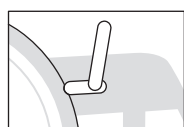
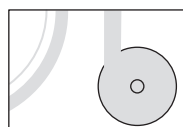
Parking



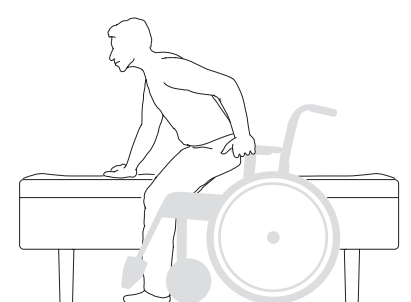
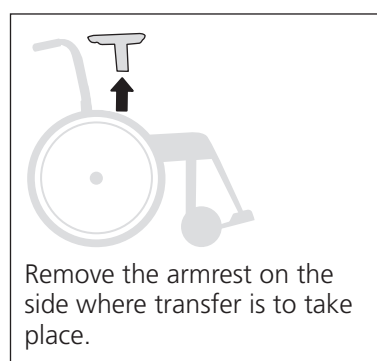
Transferring into/out of the wheelchair



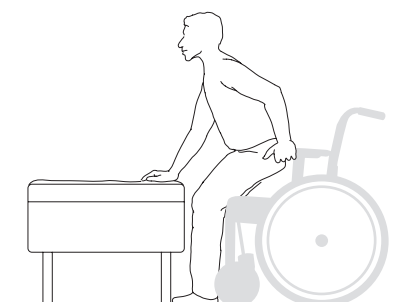
Never stand on the footrests as there is a risk of tipping!



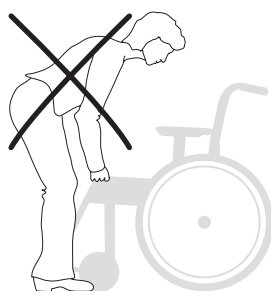
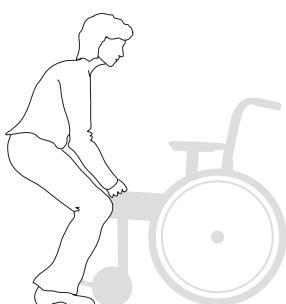
Sideways



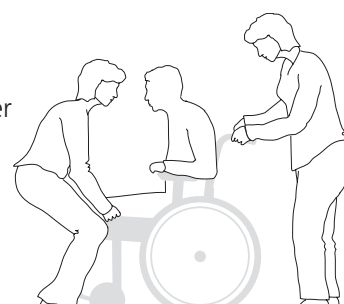
From the front



Lifting the wheelchair



- Ensure that the vertically adjustable push handles are properly tightened.
- Swing non-lockable legrests in under the seat and lift the wheelchair by the front upper part of the frame.



User manual – driving technique, maneuvering



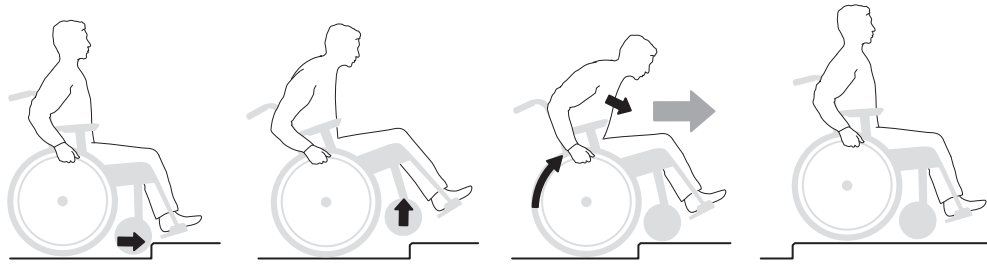
The following figures show principles for propelling techniques and how to overcome obstacles like steps and curbs.



User, up forwards:

This technique is recommended only for experienced wheelchair users.

- Ensure that the anti-tips are deactivated.



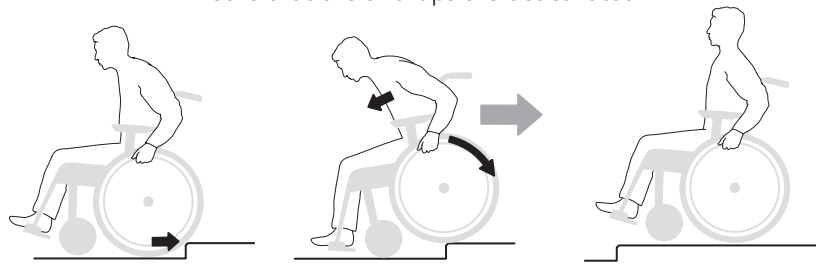
Activate the anti-tips afterwards!



User, up forwards

This technique only works if there is a low kerb/threshold, relative to the installed height of the footrests.

- Ensure that the anti-tips are deactivated.



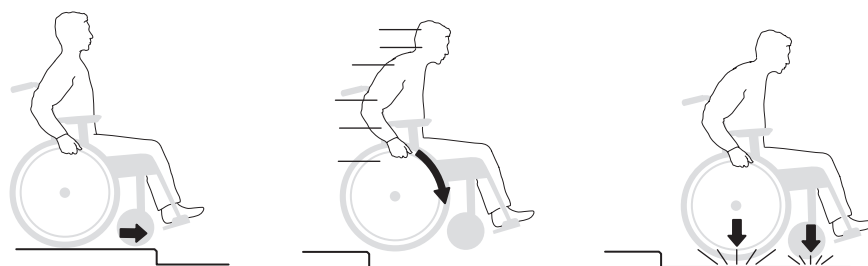
Activate the anti-tips afterwards!



User, up forwards:

This technique is recommended only for experienced wheelchair users.

- Ensure that the anti-tips are deactivated.



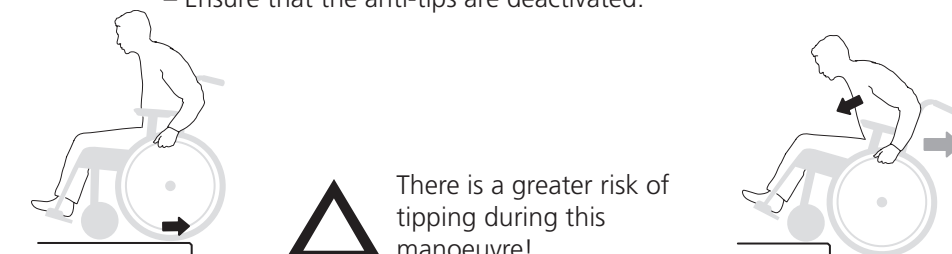
Activate the anti-tips afterwards!



User, down backwards:

This technique is recommended only for experienced wheelchair users.

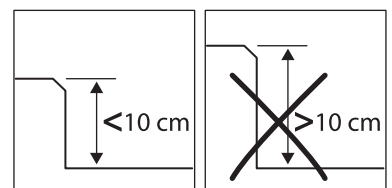
- Ensure that the anti-tips are deactivated.



There is a greater risk of tipping during this manoeuvre!



Activate the anti-tips afterwards!

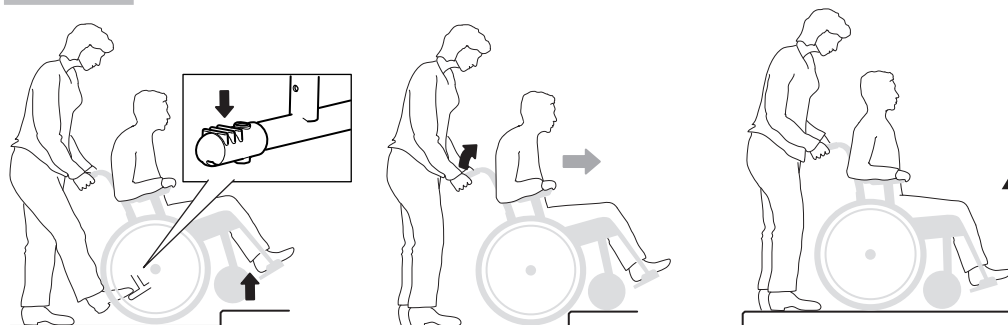


User manual – driving technique, maneuvering



Care giver, up forwards:

– Ensure that the anti-tips are deactivated.

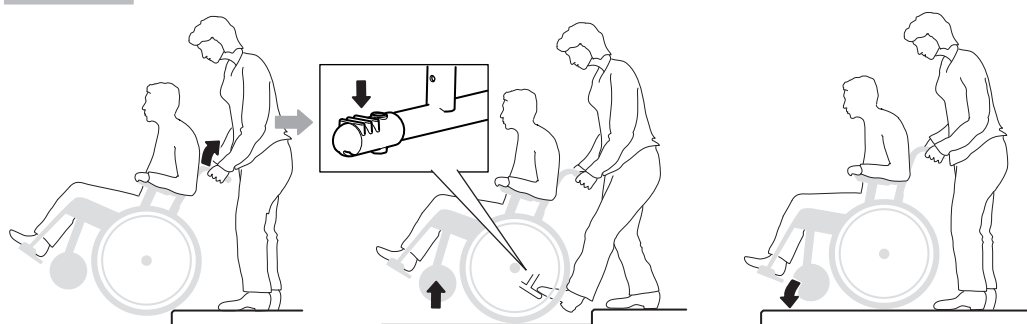


Activate the anti-tips afterwards!



Care giver, up backwards:

– Ensure that the anti-tips are deactivated.

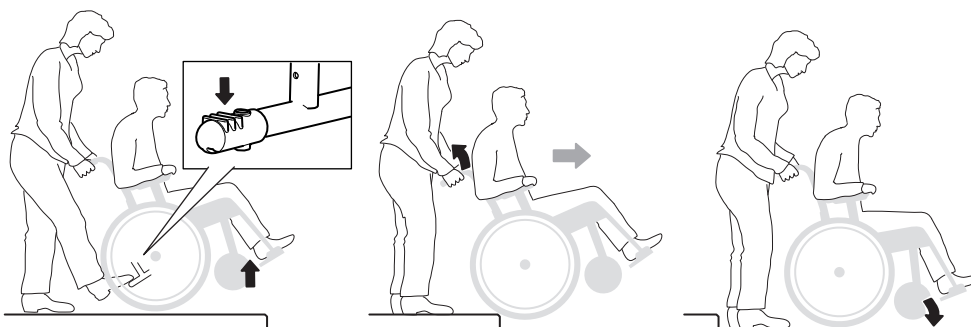


Activate the anti-tips afterwards!



Care giver, down forwards:

– Ensure that the anti-tips are deactivated.

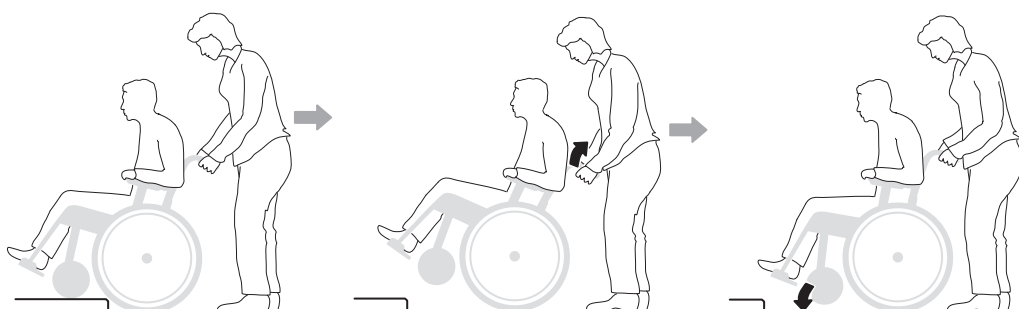


Activate the anti-tips afterwards!



Care giver, down backwards:

– Ensure that the anti-tips are deactivated.



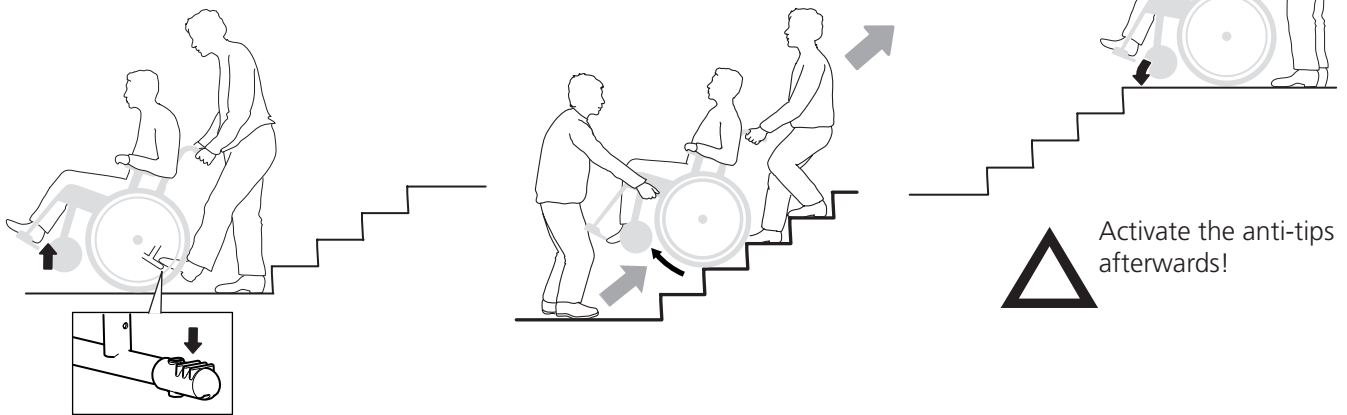
Activate the anti-tips afterwards!

User manual – driving technique, maneuvering



Stairs, up

– Ensure that the anti-tips are deactivated. Never use an escalator, even if a care giver is available. Ensure that height adjustable push handles are tightened. We always recommend using two carers for this transfer. One who walks behind and holds on to the push handle and one who walks in front and holds on to the frame (or in the legrests if these are lockable).



Stairs, down

– Ensure that the anti-tips are deactivated. Never use an escalator, even if a care giver is available. We always recommend using two carers for this transfer. One who walks behind and holds on to the push handle and one who walks in front and holds on to the frame (or in the legrests if these are lockable).



Ascending/descending hills

Control your speed using the handrims, not the brakes!

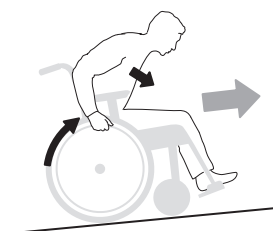
Avoid turning round in the middle of a hill. Always drive as straight up/down as possible. If uncertain, ask for assistance.



Activate the anti-tips afterwards!

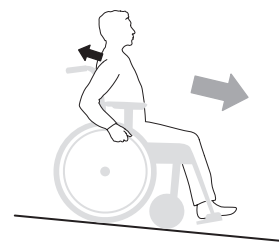
Uphill

Lean forwards to correct your centre of balance.



Downhill

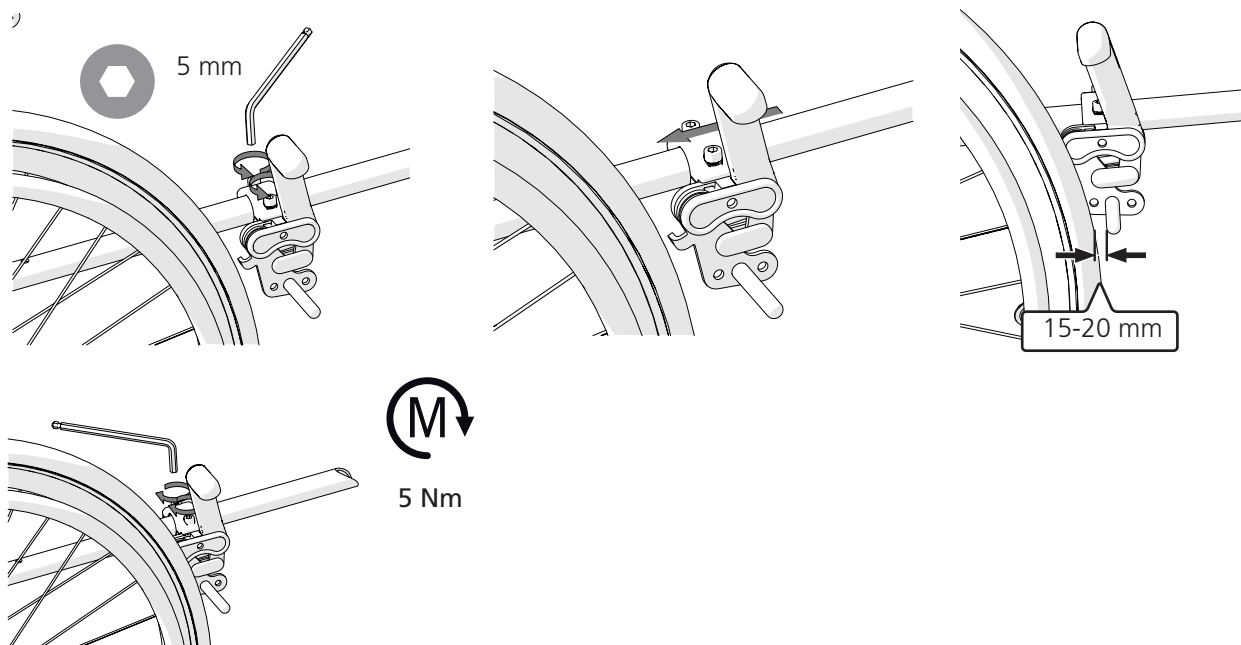
Lean backwards to correct your centre of balance.



4. Readjustments

Depending on the model of chair you should adjust the brakes and the position of the anti-tips after setting seat height and angle.

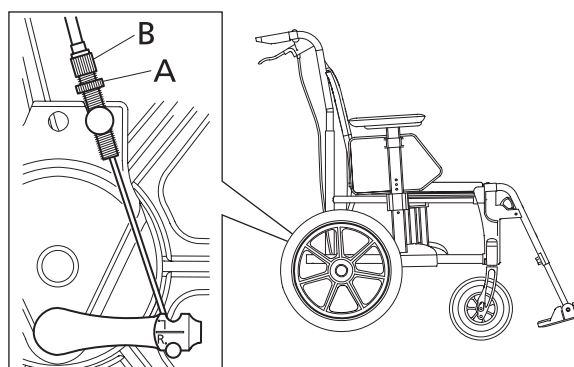
Brake, adjustment



Adjustment of drum brake

When adjusting the drum brake loosen the retaining nut (A) and adjust the brake by moving the adjustment screw (B) up/down. When the brake has a reasonable effect tighten the retaining nut (A).

This adjustment should be carried out when the brake is not functioning satisfactorily.

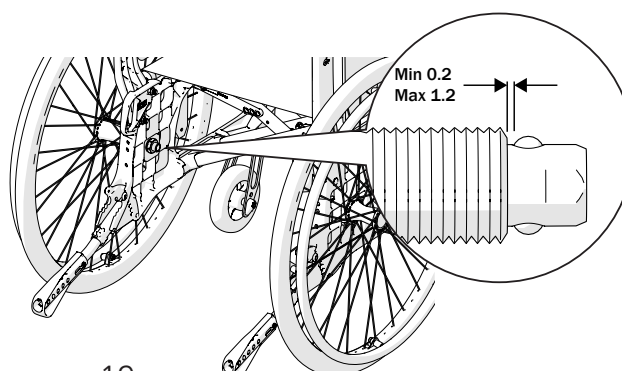
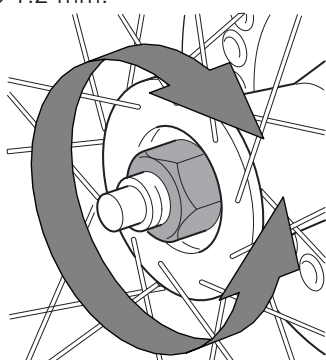


Drive wheels with quick-release axle

The distance between the hub sleeve and the locking balls can be adjusted by adjusting the nut on the outside of the hub. The distance between the hub sleeve and the locking balls should be 0.2 to 1.2 mm.



When assembling, always make sure that the quick-release button in the hub springs out properly. Test by pulling the wheel.



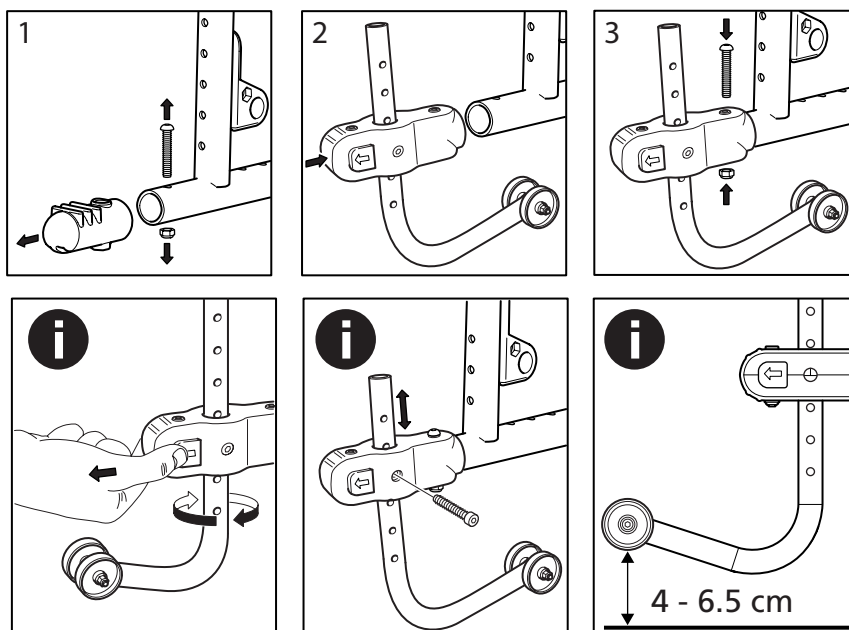
4. Readjustments

Anti-tips, turnable

The anti-tips are mounted on the tilters.



After adjusting the seat height or centre of balance, always ensure that you check the function of the anti-tips.



Adjustable upholstery (option)

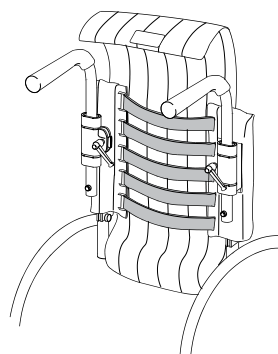
The contour of the backrest upholstery is individually adjustable by using the five Velcro straps and the backrest cover.

- Allow the cover plenty of room between seat and backrest, so that it is possible to "sit in" against the backrest.
- Loosen all the straps and ensure that the user is sitting as far back in the seat as possible.
- Tighten the straps so that they follow the contours of the back and give support for the curve of the back.



Risk of tipping: Always check the positioning of the anti-tips after adjusting the backrest upholstery.

(!) Do not over-tighten the upper straps as this can prevent the cross-brace from unfolding properly, i.e. the back tubes do not sit flush in the side-frames.



Push handles, vertically adjustable (option)

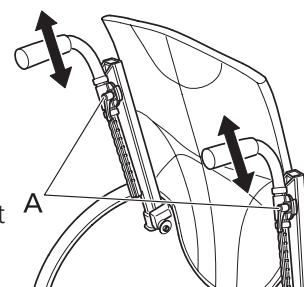
Only in combination with vertically adjustable push handle attachments.

The push handles can be set at intervals of 2 cm.

Loosen the knob (A) and press the plastic washer inwards. Install desired height. Ensure that the push handles are locked in the correct position. Tighten the knob.



Ensure that the knob is properly tightened. This is especially important if the chair is to be lifted with the user sitting in it.



M100

M100TR



4. Readjustments

M100

M100TR

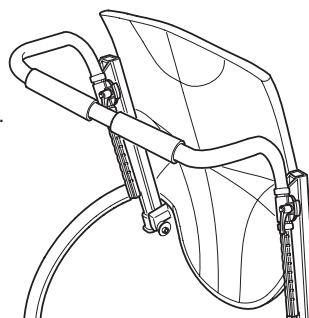
Bow handle (option)

The bow handle is height adjustable and detachable.

It is mounted in the push handle attachment, and is adjusted in the same way as the height-adjustable push handles.

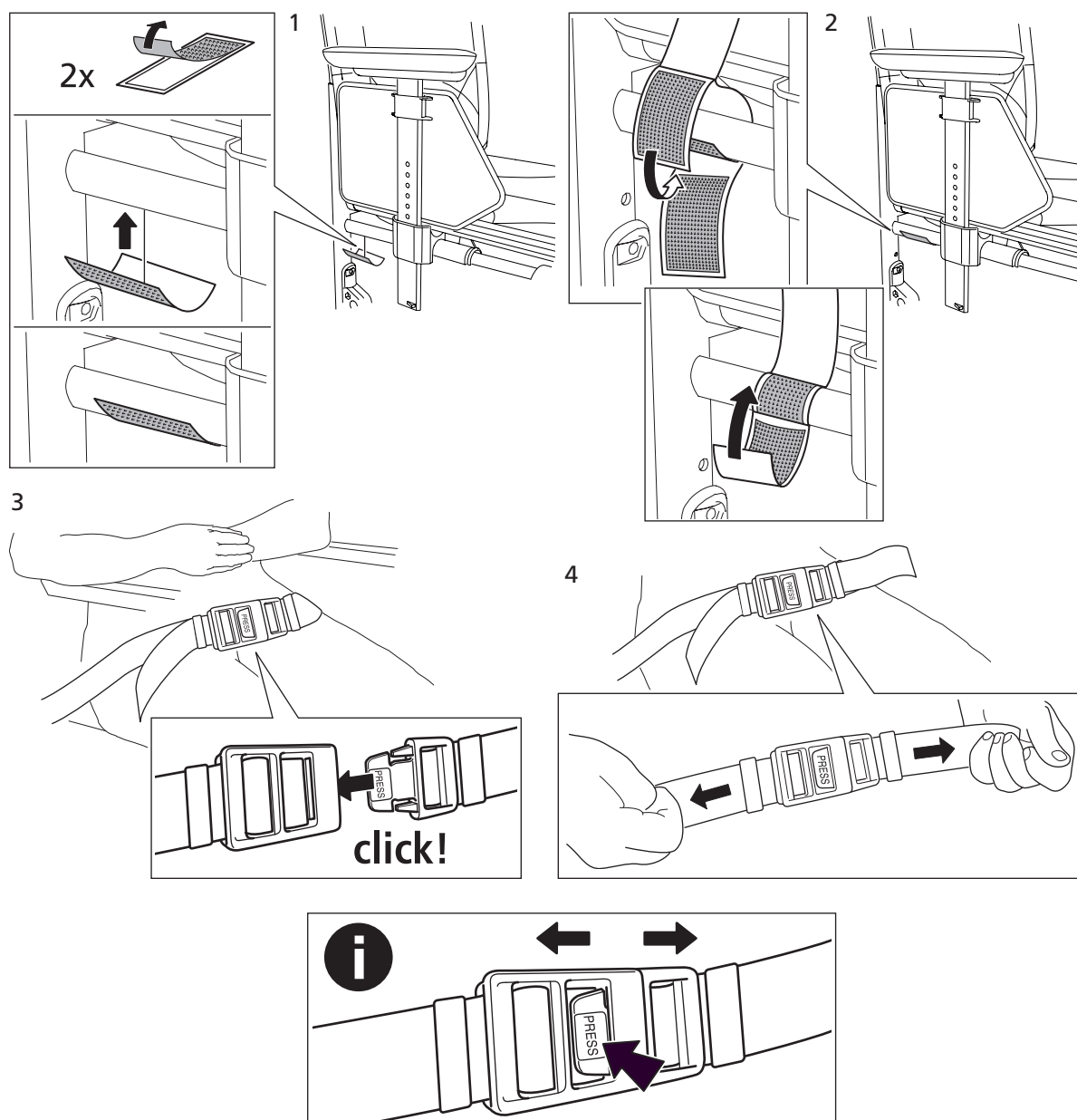
It is also possible to mount a headrest on the bow handle

The bow handle must be removed before the wheel-chair can be folded.




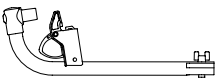
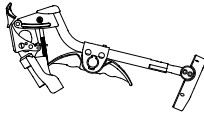

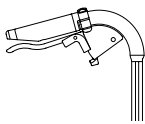
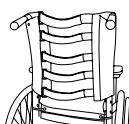

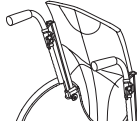
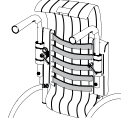

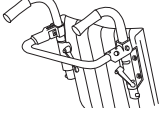

Ensure that the knob is properly tightened. This is especially important if the chair is to be lifted with the user sitting in it.

Positioning belt (accessory)

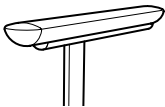

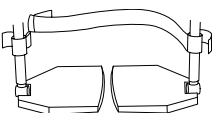
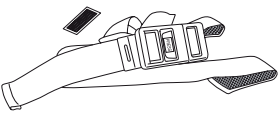
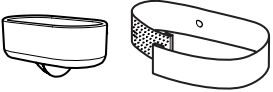




5. Accessories

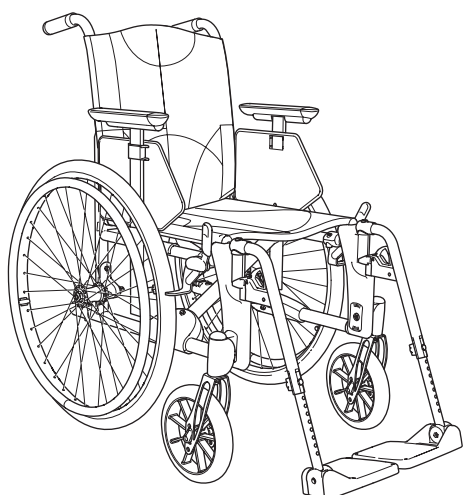
Assembly instructions are provided with all accessories when they are supplied by Etac.
Instructions are also available on our website www.etac.com

		M100	M100TR
Brake lever extension		<input type="radio"/>	
Legrests narrow angle, lockable only with 5" / 6" Castor wheels		<input type="radio"/>	
Legrests angle-adjustable incl. calf support		<input type="radio"/>	<input type="radio"/>
Amputee legrests		<input type="radio"/>	<input type="radio"/>
Drum brake 20 – 24"		<input type="radio"/>	
Castor wheels 6"		<input type="radio"/>	
Castor wheels 5"		<input type="radio"/>	
Backrest upholstery adjustable		<input type="radio"/>	<input type="radio"/>
Push handle height adjustable		<input type="radio"/>	<input type="radio"/>
Backrest upholstery fixed, for height adjustable push handles		<input type="radio"/>	<input type="radio"/>
Backrest upholstery adjustable, for height adjustable push handles		<input type="radio"/>	<input type="radio"/>
Bow handle		<input type="radio"/>	<input type="radio"/>
Backrest brace		<input type="radio"/>	<input type="radio"/>
User brake			<input type="radio"/>

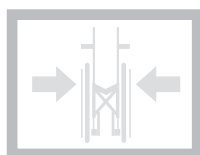
5. Accessories

		M100	M100TR
Armrest long		<input type="radio"/>	<input type="radio"/>
Anti-tips complete		<input type="radio"/>	<input type="radio"/>
Tray		<input type="radio"/>	<input type="radio"/>
Seat cushion		<input type="radio"/>	<input type="radio"/>
Calf strap		<input type="radio"/>	<input type="radio"/>
Heel strap		<input type="radio"/>	<input type="radio"/>
Positioning belt		<input type="radio"/>	<input type="radio"/>
Headrest		<input type="radio"/>	
Spokeguard		<input type="radio"/>	
Cane holder		<input type="radio"/>	<input type="radio"/>
Tool kit		<input type="radio"/>	<input type="radio"/>
Plaster legrest		<input type="radio"/>	<input type="radio"/>
Flag with bracket		<input type="radio"/>	<input type="radio"/>
Drip stand		<input type="radio"/>	<input type="radio"/>

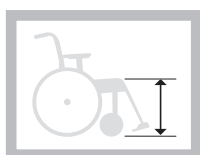
6. M100 standard model



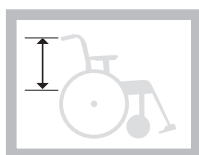
Frame:	Aluminium and steel tubes. Foldable
Brake:	Standard brake
Push handles:	Fixed
Backrest:	37.5 cm – 47.5 cm (2.5 cm interval)
Backrest angle:	Fixed
Seat:	Adjustable 0 - +3°
Seat upholstery:	Fixed
Backrest upholstery:	Fixed
Camber angle:	0°
Rear wheel:	24" quick release solid/aluminium handrims
Castor wheels:	200 x 35 mm
Front fork:	Standard
Legrests:	Lockable, detachable and turnable
Footrest:	Angle adjustable (height adjustable with 1.5 cm intervals)
Armrests:	Short
Tilter:	Standard
Transport attachment:	Standard
Max. user weight:	125 kg



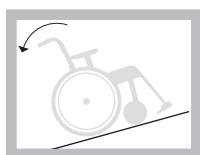
24 cm



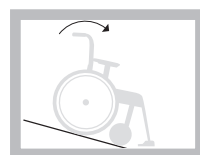
38 – 52,5 cm



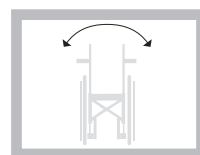
37,5 – 47,5




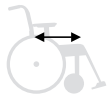


Max 6°
(without anti-tip
in most disadvantageous setting)



Max >20°

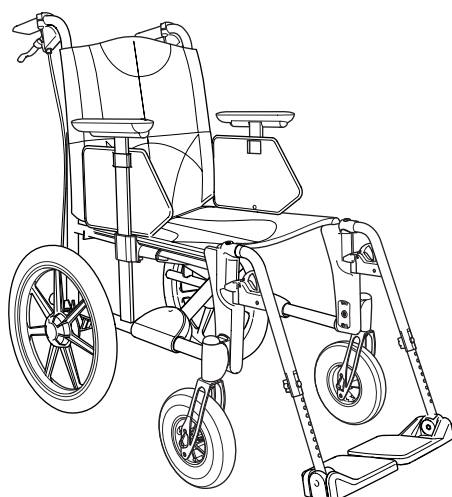


Max >20°

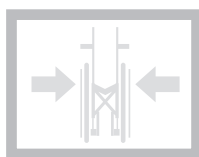
			
13400103 13400404	short 40 cm long 46 cm	short 37.5 cm long 37.5 cm	15.7 kg 15.9 kg
13400105 13400106	short 40 cm long 46 cm	short 40 cm long 40 cm	15.8 kg 16.0 kg
13400107 13400108	short 40 cm long 46 cm	short 42.5 cm long 42.5 cm	15.9 kg 16.1 kg
13400109 13400110	short 40 cm long 46 cm	short 45 cm long 45 cm	16.0 kg 16.2 kg
13400111 13400112	short 40 cm long 46 cm	short 47.5 cm long 47.5 cm	16.1 kg 16.3 kg
13400113 13400114	short 40 cm long 46 cm	short 50 cm long 50 cm	16.2 kg 16.4 kg

M100: The dimensions and weights indicated apply to chairs with 24" rear wheel solid tyres/aluminium handrims, legrests and tilter. Height at front is measured from the seat frame tubes upper side with the seat tipped +3° backwards, the height at the back is measured from the seat frame tubes upper side and the seat depth is measured from the back tubes.
Dimensions and tolerance +/- 2%.

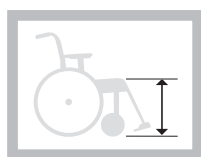
7. M100TR standard model



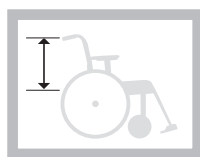
Frame:	Aluminium and steel tubes. Foldable
Brake:	Standard brake
Push handles:	Fixed
Backrest:	37.5 cm – 47.5 cm (2.5 cm interval)
Backrest angle:	Fixed
Seat:	Adjustable 0 - +3°
Seat upholstery:	Fixed
Backrest upholstery:	Fixed
Camber angle:	0°
Rear wheel:	16" solid with drum brake
Castor wheels:	200 x 50 mm
Front fork:	Standard
Legrests:	Lockable, detachable and turnable
Footrest:	Angle adjustable (height adjustable with 1.5 cm intervals)
Armrests:	Short
Tilter:	Standard
Transport attachment:	Standard
Max. user weight:	125 kg



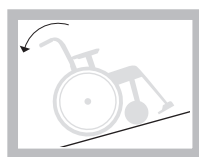
24 cm



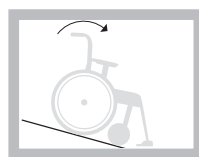
50 cm



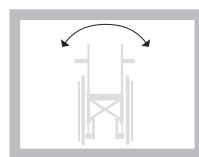
37,5 – 47,5




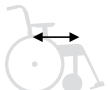


Max 6°
(without anti-tip
in most disadvantageous setting)



Max >20°



Max >20°

			
13410103	short 40 cm	short 37.5 cm	16.5 kg
13410404	long 46 cm	long 37.5 cm	16.7 kg
13410105	short 40 cm	short 40 cm	16.6 kg
13410106	long 46 cm	long 40 cm	16.8 kg
13410107	short 40 cm	short 42.5 cm	16.7 kg
13410108	long 46 cm	long 42.5 cm	16.9 kg
13410109	short 40 cm	short 45 cm	16.8 kg
13410110	long 46 cm	long 45 cm	17.0 kg
13410111	short 40 cm	short 47.5 cm	16.8 kg
13410112	long 46 cm	long 47.5 cm	17.0 kg
13410113	short 40 cm	short 50 cm	16.9 kg
13410114	long 46 cm	long 50 cm	17.1 kg

M100TR: The dimensions and weights indicated apply to chairs with 16" rear wheel solid with drum brake, legrests and tilter. Height at front is measured from the seat frame tubes upper side with the seat tipped +3° backwards, the height at the back is measured from the seat frame tubes upper side and the seat depth is measured from the back tubes.
Dimensions and tolerance +/- 2%.

8. Service and maintenance

Washing backrest and seat

The upholstery is made of two-ply polyester.

The seat upholstery is fastened lengthways to the seat frame.

It can easily be removed from the frame by unscrewing the end caps.

The backrest upholstery is removed by undoing the screws on the upholstery.

Then pull the upholstery upwards and wash according to the washing instructions on the product.

Rear wheel/castor wheel

Spokes: Loose spokes can make the wheels wobble. Consult a cycle dealer or your Technical Aids Centre if it is necessary to adjust the spokes.

Wheel axles: Clean the wheel axles from hair and dirt as necessary.

Ball bearings: Require no maintenance.

Handrims: If a handrim has a scratch that may cause injury to the hand when moving the chair forwards, it must be replaced.

Brakes

Encrusted dirt can have a negative effect on the brake mechanism.

In the event of adjustments, see section Brakes, adjustment.

Washing the frame

It is important to keep the wheelchair clean, both for your own comfort and the longevity of the chair. It is equipped with drainage holes which ensures that it is easy to wash and dry.

Clean the frame with a non-abrasive cleaning agent with a pH level between 5 and 9, or with a 70% disinfectant solution. Rinse and dry.

Miscellaneous

If there is a fault in your wheelchair you should contact your dealer or Technical Aids Centre. Defective wheelchairs should not be used.

If your chair needs reconditioning or repair, only original parts from Etac or components with equal quality should be used.

Etac will not be held responsible for damage or injury caused by use of non-original parts.



When necessary, lubricate moving parts/joints with bicycle oil or similar.

Etac Sverige AB
Box 203
334 24 Anderstorp
Sweden

Tel 0371-58 73 00
Fax 0371-58 73 90
info@etac.se
www.etac.se

Etac R82 GmbH
Industriestraße 13
45699 Herten
Germany

Tel 02366-5006-0
Fax 02366-5006-200
info@etac.de
www.etac.de

Etac AB (export)
Box 203
334 24 Anderstorp
Sweden

Tel 46 371-58 73 30
Fax 46 371-58 73 90
info@etac.se
www.etac.com

Etac R82 B.V.
Tinweg 8
8445 PD Heerenveen,
Nederland

Tel +31 72 547 04 39
info.holland@etac.com
www.etac.com

Etac AS
Pb 249,
1501 Moss,
Norway

Tel 815 69 469
Fax 69 27 09 11
hovedkontor.norge@etac.com
www.etac.no

Etac Ltd.
Unit D4A, Coombswood Business
Park East
Coombswood Way, Halesowen
West Midlands B62 8BH
United Kingdom

Tel 0121 561 2222
Fax 0121 559 5437
enquiries@etac.uk.r82.com
www.etac.com

Etac A/S
Egeskovvej 12
8700 Horsens
Denmark

Tel 79 68 58 33
Fax 75 68 58 40
info@etac.dk
www.etac.dk

R82, Inc.
12801 E. Independence Boulevard
P.O. Box 1739
Matthews, NC 28106, USA

Tel 800 336 7684
Fax 704 882 0751
Information@snugseat.com
www.etac.com



Etac Supply Center AB
Långgatan 12
SE-334 33 Anderstorp



 **etac**®