

User manual

English



74590G 13-09-18

Etac Cross

Etac Cross XL

Etac Twin

Etac Transit



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 When adjusting seat height, balance-position or backrest angle, operation of the anti-tip stabilisers must be checked.		 Risk of tipping: Always have the anti-tip stabilisers down when moving.

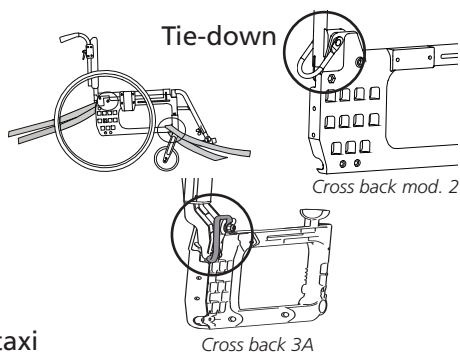
Vehicle transport Mobility service bus

Etac's wheelchairs are crash-tested and approved in accordance with ISO-7176-19 and ISO 10542, with attachment features and three-point belts from Unwin. Etac recommends in the following order:

- 1) The user transfers to a seat 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. This is the way in which the wheelchair is tested and approved according to the ISO-standard for crash testing of wheelchairs in vehicles.
- 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 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.

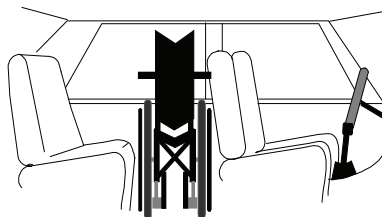
In conjunction with points 2 and 3:

- a positioning belt must be used
- a correctly adjusted headrest must be used
- the backrest must be level with or above the user's shoulders
- the parking brake must be used
- the anti-tips must be lowered

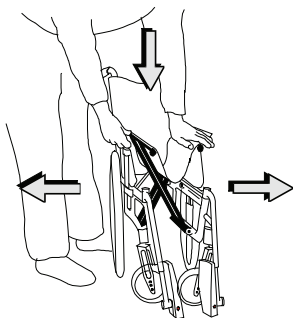


Car/taxi

- Ideally, the wheelchair should be placed in the boot.
- If the chair is placed in the back seat, ensure that it cannot tip over or move.
Secure it, if possible using the vehicle's seat belts.



Unfolding

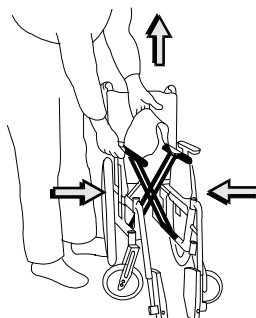


- Push one of the seat bars downwards, with your entire hand on top of the seat.

△ Do not keep hold of the seat bar during unfolding, as there is a risk of trapping your fingers.

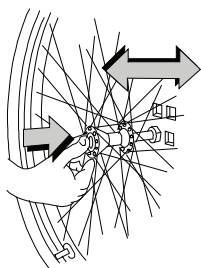
- Lower the footrests.

Folding



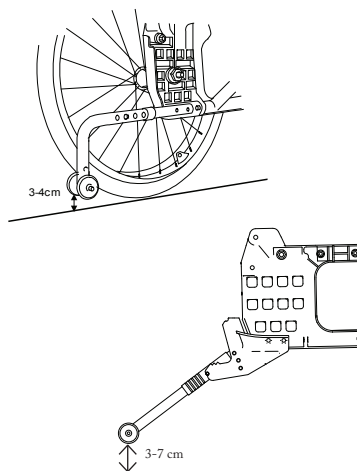
- Remove/unsnap bow handle (if any) and/or cross-brace, if applicable.
- Flip up the footrests.
- Lift the seat upwards.

Rear wheel with quick release



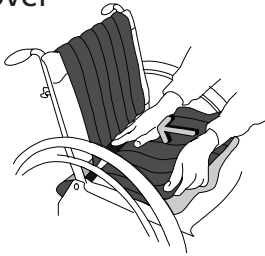
△ When assembling, always check that the rear wheel is correctly positioned.

The button in the hub must spring out properly.



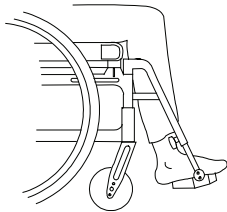
- Test how far back you would like the wheelchair to be able to tip.
- You must be able to move easily, yet still feel secure.

Back cover

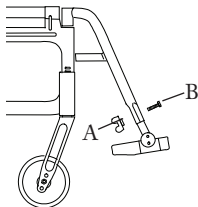


- Place the back cover far enough back on the seat for a fold to be formed between the backrest and seat.
- It is important to always place the back cover on the seat in this way, as it affects user comfort when seated.

Footrests

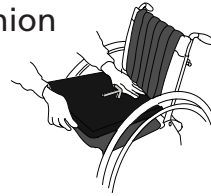


- Adjust the height until you are sure that your feet are supported and your thighs are resting on the cushion.
- Adjust the footrest angle, so the ankles are at 90°.



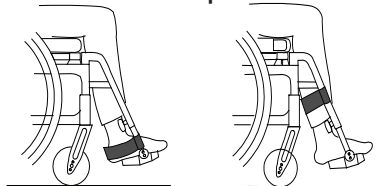
- Loosen the lock nut (A) on the leg rest fully. Remove the screw (B). Adjust the height. Replace the screw and nut and tighten securely.

Seat cushion



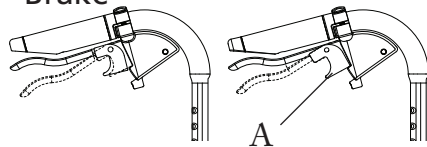
- Place the cushion far enough back on the seat that the rounded corners are between the back tubes.
- Trim the cushion to suit seat depth.
- If using comfort wedge, place this in the pocket of the cover under the cushion.

Calf/Heel strap



- Adjust the length so that your insteps rest on the footrests.

Brake



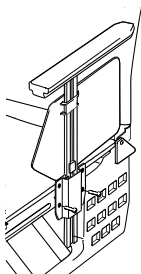
- To operate the drum brake pull brake handle upwards (see illustration).
- To operate the parking brake pull brake handle upwards (see picture). Hold the handle in braked position and press button (A) down. The chair is now braked. Pull the handle upwards to release the parking brake.

Back upholstery

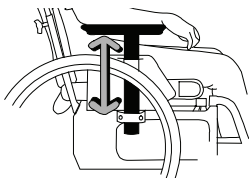


- Loosen all back straps.
- Tighten the strap just below the curve of the back.
- Adjust the other straps to allow space for the bottom and follow the natural curve of the back.

Armrest

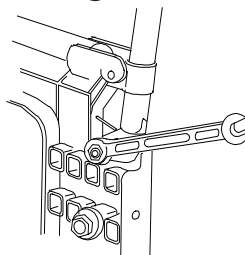


- Slide the side plate up or down to the required height.
- Reattach the screw to the side plate.



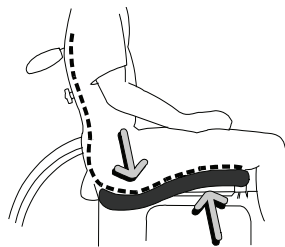
- The high position of the armrests supports and relieves pressure on the back better than a lower position.

Backrest angle



- The backrest angle may need to be adjusted when adjusting the shape of the back upholstery.

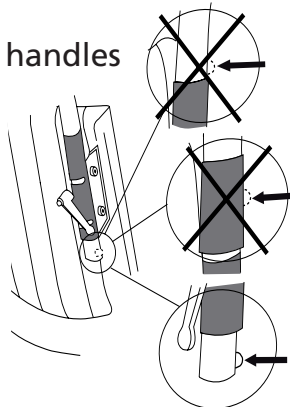
Comfort



Good comfort when seated requires a well-shaped seat that provides:

- Pressure distribution.
- Stability.
- Freedom of movement.

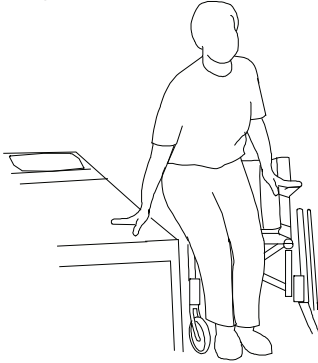
Push handles



 Place the button below the handle bracket.

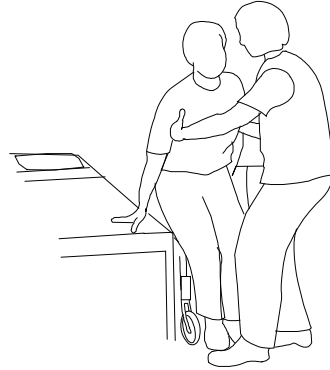
Transfer to/from a wheelchair

Sideways



- Back the wheelchair up 5-10 cm before stopping so that the castors are facing forwards.
- The wheelchair should be close to the transfer point.
- Lock the brakes.
- Remove/raise the armrest/siderest and legrest on the transfer side.

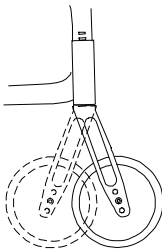
From the front



- Back the wheelchair up 5-10 cm so that the castors are facing forwards.
- The wheelchair should be close to the transfer point.
- Lock the brakes and swivel the legrests in or out under the seat.

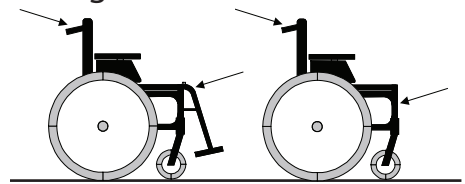
△ Do not stand on the footrests, risk of tipping!

Parking



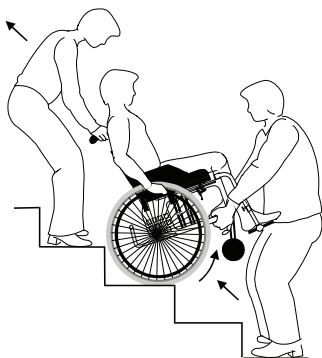
- Increase the support area of the wheelchair by backing up 10 cm so that the castors are facing forwards.
- Helper: Lock the brakes and ensure that the anti-tip stabilisers are lowered.

Lifting the wheelchair



- Check that the height-adjustable push handles are properly tightened.
- Non-lockable legrests should be swung under the seat, and the wheelchair lifted by the upper front section of the frame.

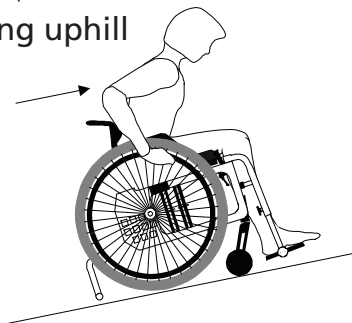
Stairs



Always ask for help. 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).

- Flip up the anti-tip stabilisers.
- Ascending: With the wheelchair facing backwards.
- Descending: With the wheelchair facing forwards.
- Never use an escalator, even with a helper present.

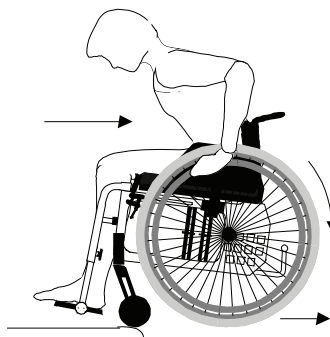
Travelling uphill



- Lean your body forwards to correct the centre of gravity.

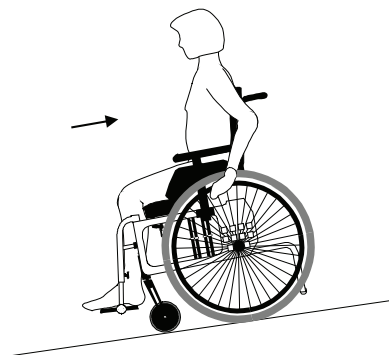
- Control your speed using the handrims, not the brakes!
- Always travel up/down as directly as possible.
- If you are unsure, ask for help.

Kerbs



- Flip up the anti-tip stabilisers.
- If you are unsure, ask for help.
- Up/Low kerb: Back up, take a strong grip and lean your upper body over your thighs.
- Down/Low kerb: Back up carefully and lean your upper body over your thighs.

Travelling downhill



- Lean your body back to correct the centre of gravity.

Maintenance

- Rear wheels: Clean quick release axles as required.
- Tyre pressure: Check the tyre pressure, see tyre section (once/month).
- Castors: Clean castor wheel axles as required.
- Chassis: Clean the chassis with non-abrasive detergent, pH value 5-9 or with 70 % disinfectant solution. Rinse and dry.
- Upholstery: Wash, see labels on each item.
- In the event of problems, contact your dealer or Technical Aids Centre.
- (!) If necessary, lubricate moving parts/joints with cycle oil or similar.

Troubleshooting table

The wheelchair is pulling diagonally	• Pump up the tyres • Adjust the angle of the front fork attachments • Check that the front fork attachments are fitted at the same height • The rear wheel mountings are incorrectly fitted • The user's weight is not evenly distributed in the wheelchair • More strength being used on one side than the other when propelling the chair
The wheelchair is "heavy" to manoeuvre	• Pump up the tyres • The rear wheel mountings are incorrectly fitted • Clean any hair and dirt from the castor axles • Too much weight over the castors; adjust the chair's balance position
The wheelchair is awkward to turn	• Pump up the tyres • Check that the front forks are not tightened too much • Clean any hair and dirt from the castor axles • Too much weight over the castors; adjust the chair's balance position
The brakes are poor	• Pump up the tyres • Adjust the distance between tyre and brake
The rear wheels are "loose"	• Adjust the hub axle length
The rear wheels are difficult to get on/off	• Lubricate and clean the quick release with cycle oil or similar • Adjust the hub axle length
The castors "wobble"	• The front forks have not been tightened sufficiently • Check that the front fork attachments are fitted at the same height • Adjust the angle of the front fork attachments • Too much weight over the castors; adjust the chair's balance position
The wheelchair is difficult to fold up/unfold	• The upholstery is too taut • Lubricate and clean the cross frame fittings under the seat
The wheelchair feels "unsteady"	• Pump up the tyres • Check that screws and controls are properly tightened

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