

Sitting down requires **more than we think**

During many activities - reading, talking writing, watching television - we are usually sitting. Our general perception of sitting is that our muscles do not have to work much, and therefore it is relaxing.

However this is only correct if we adopt the right posture for sitting. With an incorrect sitting posture, our muscles are working even harder! In such situations, the load on our spine, shoulders etc. can be two to three times greater when compared to standing.

A good seat design helps prevent fatigue and other symptoms. As a result, the chair ensures that the body adopts the most natural posture and prevents the back/spine from falling into a convex position.

In all respects, ERGO2 focuses on the individual user. Therefore, each seat is adjustable so that it can adapt to the user's body shape with a focus on correct seat height, correct seat depth, correct armrest height and correct lumbar support.

For people with knee and hip disorders, the seat height and calf support can be adjusted individually, either by adjusting the seat itself or with seat accessories.

The sitting / driving position

To sit with a straight back puts the greatest demands on the spine (natural position). As the chair is adapted to the user's body with the pelvis positioned correctly, the spine will receive full support, relieving the legs and creating a relaxed sitting position.

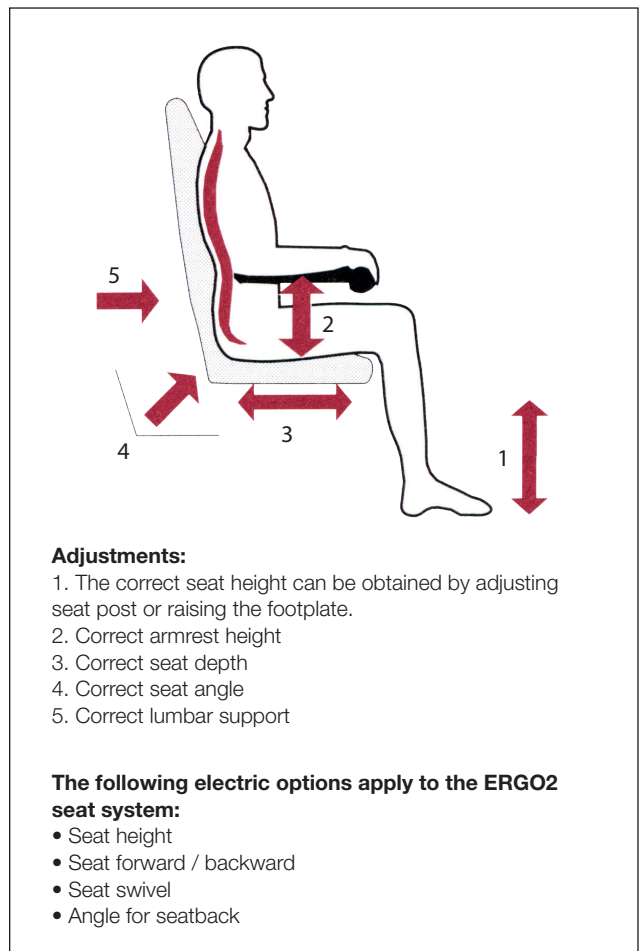
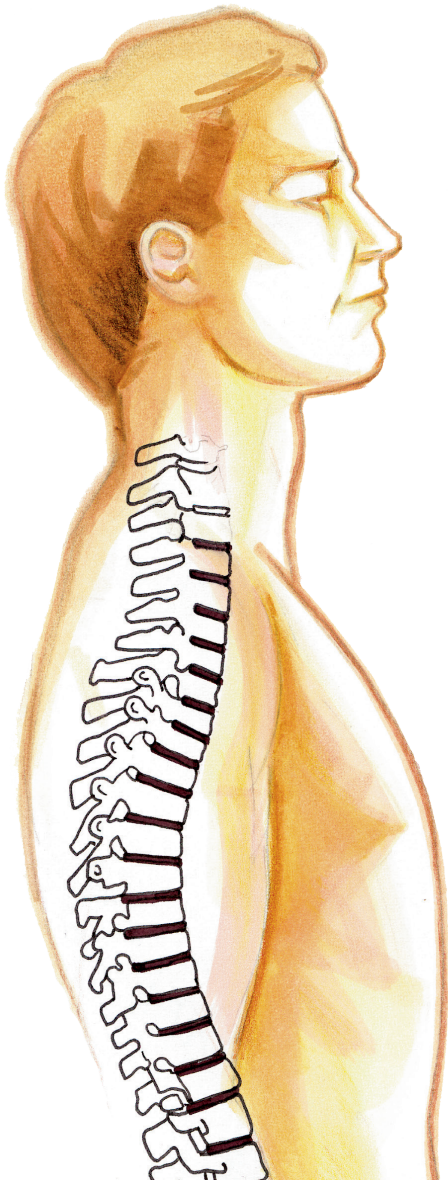
Getting up

To lift oneself out of a chair may require a lot of effort. Therefore, the ERGO2 armrests are extra strong in order to withstand the force put on them when getting out of the chair. The possibility to move the ERGO2 seat forward and use the swivel (right or left) makes it easier to get into and out of the chair.

The ERGO2 seat system fulfills the

static, impact and fatigue strength requirements according to ISO 7176-8: 2014 - This standard states that the seating system must withstand the maximum user weight of the scooter. The ERGO2 is tested for this standard, in other words the Mini Crosser is constructed to support a maximum user weight of 175 kg, so the seat and armrest must be able to cope with this weight; each armrest must cope with a weight of 95 kg at a 15° angle 5 cm from the end of the armrest.

Fire tested according to EN 1021-1 and EN 1021-2.



ERGO2 seat offers greater freedom - a better quality of life

Standard on all ERGO2 seat systems



Seat angle:

The seat back angle can be adjusted 45° backwards and 90° forwards. This is done by pulling the handle on the right side of the seat.



By flipping the seatback down, removing the headrest and lowering the tiller, the height of the Mini Crosser is 75 cm.



By turning the seat and moving it forward, removing the headrest and lowering the tiller, the height is reduced to 72 cm. Subject to the seat tube system and wheel size.

ERGO2 70 cm HD seat. Seat turned 90°. Backrest folded down.



ERGO2 45 cm seat. Seat turned 180°. Backrest folded down. With stick holder.

Seat depth:

Seat adjustable in depth from 320 mm to 550 mm. Seat depth adjustment is important as it provides support to thighs and back.





Handle for seat swivel:

To turn the seat, the handle is pulled backwards or forwards, depending on which it's mounted. The seat can be turned to either side in 45° intervals.



The lever is spring-loaded and the seat locks automatically when the lever is released. This lever is located on the right side by default, but can also be placed at the left side.

To turn the seat when the handle is on the left side, you have to push it forward, instead of pulling it back. To make it easier to operate, the handle can be adjusted in length if necessary. It can also be moved to the other side.



Lever for seat forward / back:

The ERGO2 seat system uses two sliding rails with a roller. It's therefore easy to make adjustments. The seat can be moved forward or back as desired, within a distance of 200 mm. By releasing the handle, the seat automatically locks at the nearest interval. The seat post system for ERGO2 also allows a stable and secure seating position.

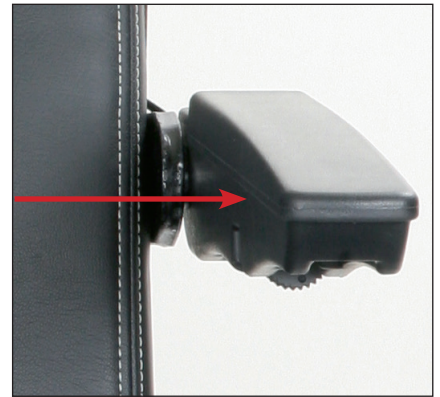
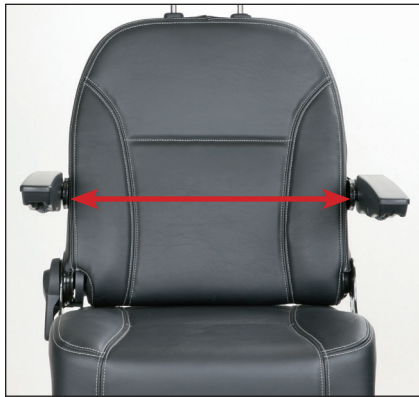


Armrest height adjustments:

The armrests can be individually adjusted in height. Up to 140 mm from the lowest to the highest position. This helps to ensure the correct alignment. Each armrest can be angled individually to provide the ideal comfort.

Mini Crosser

ERGO 2 seat



Width adjustment of the armrest:

Each armrest can be individually adjusted 25 mm on each side.



Adjusting the armrest angle



Height adjustment of the headrest / Adjusting the headrest:

The headrest can be adjusted up and down, forward and backward.
Headrest for ERGO2 seat - 1507-1105.

By offering a variety of adjustment options on both the ERGO2 seat system and the Mini Crosser X-models, we are able to provide the best seat comfort for each individual user.

In brief, we offer these options:

- Angling the tiller
- Height adjustment of the tiller
- Seat height
- Seat back angle
- Seat depth
- Armrest height
- Armrest angle
- Armrest width
- Headrest adjustment

