



Anatomic Motion Seat

Dynamic seating system for children and adults

The Anatomic Motion Seat is a seating system with controlled dynamic elements that follow the body's movements.

The human body is not meant to sit still for long periods of time. You need to be able to move around and most people change position frequently when sitting, but for people with mobility limitations this can be difficult.

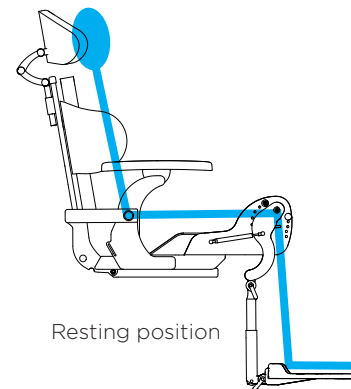
The **Anatomic Motion seat** system is specially designed for patients with extension spasticity and severe sitting problems.

The user maintains his/her body positioning and therefore gets a gentle movement of the hip, back and knee joints, this movements also prevents shearing.

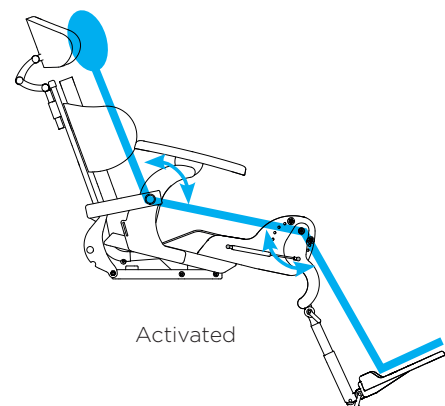
The possibility of hip and knee joint extension relieves pressure on the ischial tuberosities and reduces the risk of pressure sores.

Extension and flexion resistance in both hip and knee joints is individually adjusted by means of special gas springs, making the movement controlled and safe.

During extension, the seating system is designed so that the headrest maintains its position during activity, which makes the user more interacting with the surroundings.



Resting position



Activated

"We not only dream of being able to move when in a seated position - we make it possible"



Pro



Advanced



Individual

The **Anatomic Motion Seat** is available in the following models:

- **Pro** - with a complete seat unit/cushion
- **Advanced** - with divided seat parts
- **Individual** - with a fully customised seat



Pro and Advanced are available in 10 sizes.

Seat depth 25-55 cm, seat width 25-45 cm and user length approx. 95-205 cm.

Physical benefits of the Anatomic Motion seat

Less pain due to the dynamics of the entire seating system.

Prevents the risk of pressure sores by reducing the shearing forces.

An upright position improves breathing, digestion and head control.

Reduces extension spasticity and can have a calming effect.

The back is adjustable in hip angle which can help to break spasticity.

The Anatomic Motion Seat is suitable for patient groups with the diagnoses:

- Dyskinetic CP
- Spinal cord injuries
- Neurological disease (e.g. Parkinson's, Huntington's, MS, ALS)
- Traumatic brain injuries
- Stroke (CVA)

Spasticity

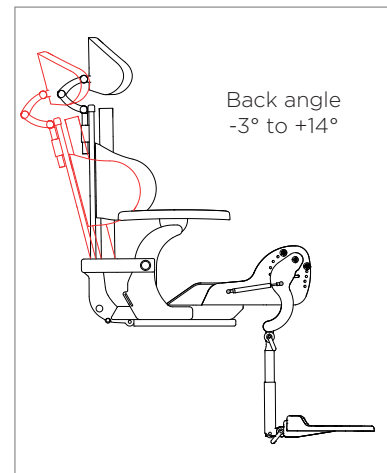
Involves strong muscle contractions leading to pain, cramps and reduced ability to control muscles and body parts from ending up in wrong positions.

A back with many adjustment possibilities

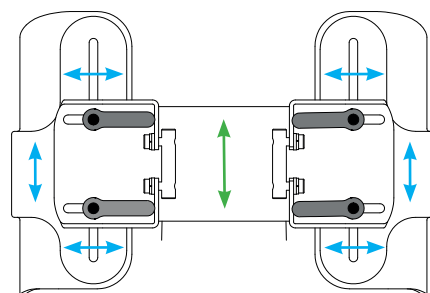
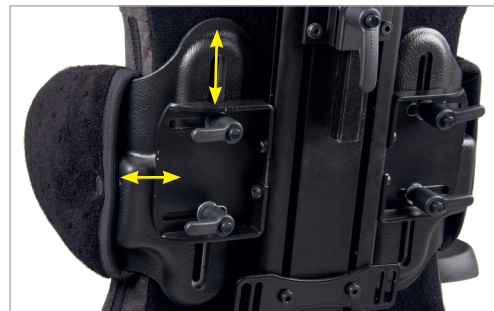
If it is difficult for the user to sit at 90°, for example because of hip contractures, the hip angle can be easily opened to better suit the angle without compromising the range of movement. The back angle can be continuously adjusted from -3° to +14° and can be adjusted while the user is sitting in the seat.

The back section has a gas spring that absorbs the force of the user's extension and then returns the body to the starting position. At the same time, the extension movement is reduced before the back section reaches full range of motion.

With the activation lever, the back angle can be adjusted -3° to +14°.



The lateral support has a stepless adjustment in height, width and angle, which is easily done without the need of tools.



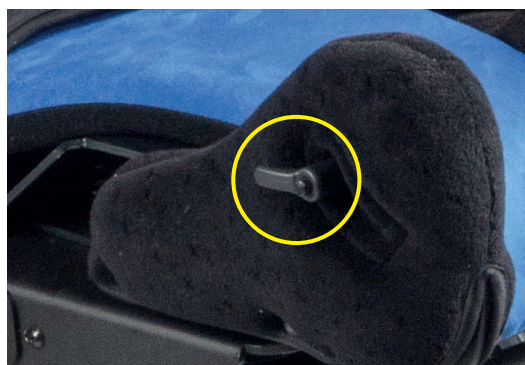
The Anatomic Motion Seat has clear red locking buttons to lock the dynamic movement of the spine, for example during transport in a car, ADL situations, transfers or when you only want your back to flex but the hip should be fixed.



It is possible to adjust the range of motion of the knee joint. The start and stop positions can be set in 5 different steps.



It is also possible to lock the dynamic function of the knee joint in the desired position, by simply using the lever knob located on the outside of the cover at each knee joint.



Why choosing an Anatomic Motion Seat?

- Allows a controlling range of motion during extension spasticity.
- Absorbs the user's forces gently.
- Extends the time seated without the need for a position change
- The postural control increases due to the possibilities to positioning the patient in the seat.
- Minimises spasticity.



Anatomic Motion Seat - fact

Sizes	10 pce	Seat width	25 - 45 cm
Load weight	max 90 kg	Seat depth	25 - 55 cm
User length	95 - 205 cm	Maximum user weight approved for crash:	43 kg (for sizes 0-4)
Back angle	-3° to +14°		75 kg (for sizes 5-9)

Pro

Pro is the most basic model of the Anatomic Motion Seat series.

It has the same back as the Advanced model but the main difference between the models is that Pro has a whole seat/seat cushion while Advanced has adjustable divided legs.

Pro

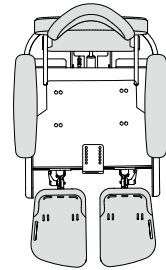
This seat is available in 10 sizes with a seat depth from 25 cm to 55 cm and a seat width from 25 to 45 cm.

The seat comes with a whole seat cushion that is anatomically designed with a seat slope and branch wedge. The position of the cushion can be adjusted by 5 cm for growth.

The seat and back cushions are available in the different materials and fabrics:

- Anatomical laminated fabric black (standard)
- Alcantara black (special order)
- Alcantara blue (special order)
- CoolMax black
- Incontinence fabric black

Gel or Mesh inserts are available as accessories to the cushion for more pressure relief and comfort.



Pro on underframe
Zitzi Flipper G2

Pro

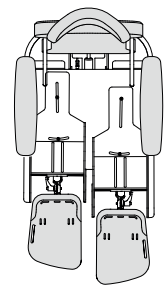
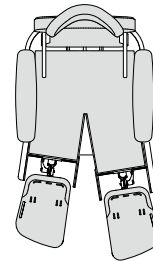


Pictures of missing accessories can be found on the last page

Advanced

Advanced has more setting options than Pro.

It has the same back functions as Pro, but Advanced has separated leg parts on the seat that are individually adjustable for better adaptation to the user.

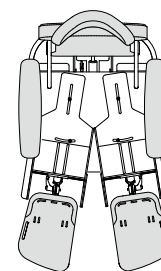


Leg length difference

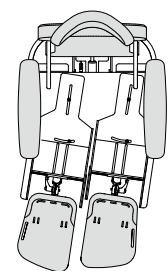
Advanced

Available in 10 sizes with a seat depth from 25 to 55 cm and a seat width from 25 to 45 cm.

The seat comes with a seat cushion designed for individually adjustable leg parts, allowing for greater adaptation in case of asymmetry. The right and left leg part can be separately adjusted to suit the user's leg length and can be angled for windswept and abduction. The seat has a newly developed design to improve the adjustment of the seat slope.



Abduktion



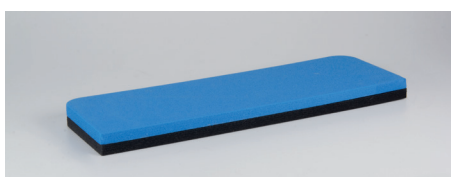
Windswept

Relief cushion

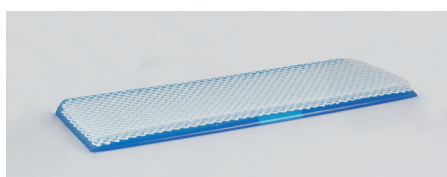
The seat depth and the seat slope can be adjusted according to the user's needs and wishes. The relief cushion can be used to compensate for an incorrect hip position. The cushion is available in two combined materials for the best possible pressure relief:

- Gel-/Mesh-material
- AZ-/PZ-material

The relief cushions are turnable depending of the needs for relief and comes with a washable cover.



AZ/PZ relief cushion



Mesh/Gel relief cushion

Advanced



Pictures of missing accessories can be found on the last page

Individual

Individual

This seat is completely individually made.

The seat is a two-piece Anatomic Soft Seat that is mounted on the Motion frame to obtain the dynamics of the Motion series, in a fully individual seat.



Individual Motion Seat on Guppy G2 underframe



Individual

Chest belt

Integrated in the seat there are also fittings for Sternum support/H-strap.

Hip flexion

Adjustable hip angle.

Headrest

A lot of different to choose from, it can also be completely individually made.

Hip belt

Several different belts to choose from, it can also be individually made.

Footrest

Divided, turn-up footplates adjustable in height and angle.

Calf support

Adjustable in height, width and angle.

Ankle support

Option for fixation of the feet.



Pictures of missing accessories can be found on the last page

Accessories



Headrest
Motion



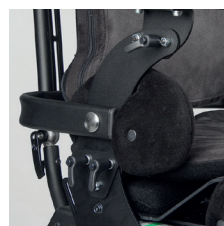
Headrest
Plush



Upper arm support



Armrest



Hip support



Table



Divided footrest



Whole footrest



Whole turnup footrest



Footrest with edge



Footrest high edge



Calf support



Chest belt



H-strap



Sternum support



Ankle support



Hip belt

Suitable underframes

GUPPY ♡2



Smooth chassis with good driving features. Available in 3 sizes. Tiltable. A range of different wheels to meet many needs.

SEABASS ♡2



A well-balanced underframe. Available in 3 sizes that fits with several large seating systems. Tiltable. A range of wheels to meet many needs.

FLIPPER FLEX ♡2



Height adjustable underframe for both indoor and outdoor use. Available with manual or electric height adjustment and also available with electric tilt or manual adjustment.

FLIPPER ♡2



A height adjustable indoor underframe available in 3 sizes with 125 mm wheels. Available in two versions: manual or electric.