

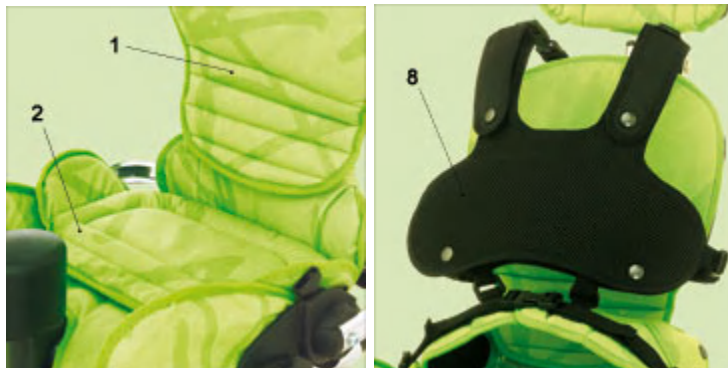
So let's look at posture

When we look at supportive seating we do this in three main areas:

Pelvic positioning and base of support.

Trunk and head positioning.

Leg and foot positioning.



Pelvic positioning and base of support

This is the most important part of any seating system. It is essential that it provides a comfortable and secure base of support.

Postural supportive seating will maximize the child's ability to sit up, see around, communicate, eat and enjoy all their other daily activities.

The Squiggles Seating System has contoured cushioned supports which adjust in width and depth to ensure they are the perfect fit for your child.

The (1) flexible sacral cushion is designed to support the child's lower spine in the desired posture by encouraging a degree of forward tilt of the pelvis and lower trunk extension. It can also be shaped to follow the contour of their lower back.

Working in conjunction with the flexible sacral cushion we have a (2) ramp in the base cushion aimed at preventing the child sliding forward into a sacral sitting posture.

To help the child maintain a comfortable and secure posture we have the cushioned pelvic positioning harness. Designed to be just like the therapists hands the (3) four point pelvic positioning harness is fully

A (7) chest harness can be attached to provide further support while maintaining a high degree of freedom so the child can enjoy their activities.

Should your child benefit from side, front and shoulder support there is a (8) trunk harness which can comfortably wrap around them. It clips at the sides, over the shoulders and very importantly into the pelvic harness which prevents it from riding up. Like the chest harness it is made from fully breathable material which is machine washable.

Good head positioning is so important and, if required, we have a (9) Leckey contoured headrest to assist with head positioning. A flat headrest with lateral supports is also available for controlling posture.

The Squiggles Seating System can also accept the Whitmyer range of head supports, Otto Bock head supports and other leading brands.

Leg and foot positioning

Leg and foot positioning are an integral part of any seating system and can be very important in maintaining a comfortable and secure posture.

Good leg and foot positioning can often determine

adjustable. It stems from the (4) hip guides which are individually width adjustable to wrap comfortably around the child's hips. the head position and therefore head control.

Trunk and head positioning

Having established a comfortable and secure base of support we can look at trunk and head positioning.

The Squiggles Seating System (5) contoured back can adjust to their exact height and has a range of additional support features. Side support is provided by these (6) cushioned lateral supports which help them maintain a safe upright posture.

The Squiggles Seating System has a height (10) adjustable footplate which can tilt to the preferred angle. It can support (11) sandals which hold their feet securely in place, the footplate flips away to allow for easy transfers.

Function

The system has been developed to help your child access as many activities as possible.



At the core of this is the way that the (12) back angle pivots at the correct position allowing it to adjust to the various angles. This is very important as it will ensure the trunk and head supports stay in the correct position on your child.

The chest and trunk harnesses provide support while enabling a range of unrestricted freedom.

The (13) activity tray has been designed to support a wide range of activities. A grab rail can also be attached to assist the child carry out these activities.



The Squiggles (14) Hi Low chassis can adjust from floor level up to table height allowing the children to enjoy activities from circle time to feeding. It has angle adjustment for tilt in space supporting various postures whether they are active or relaxing. All the adjustments can be made safely with the child in the seating system

The Squiggles (15) Easy chassis (see mobility section) can be set to the child's preferred height. It has angle adjustment allowing you to change their position supporting them when they're active or relaxing.

Both the Squiggles Hi Low chassis and Easy chassis have four lockable swivel castors and push handles making them easy to move around in the home or classroom.



For the benefit of parents, caregivers, therapists, wheelchair engineers and technicians, the Squiggles Seating System fits onto a wide range of the market's leading wheelchair bases, strollers and powerbases from Invacare, Otto Bock and Sunrise and can be easily swapped onto Leckey indoor hi-low bases for home or school use.



Accessories

The Squiggles Seating System is available with a wide range of proprietary accessories but will also accept other accessories like head supports from Otto Bock and Whitmyer.

Communication devices can be mounted directly onto the Seat unit with Daessy mounting hardware supplied by Mounts and More (www.aacmounts.com). This is particularly beneficial as it eliminates the need for repositioning of the communications devices when the seat is swapped between indoor hi-low chassis and mobility bases. When used with the market leading Otto Bock Kimba base the child can be cocooned with the cozy shell which ensures their arms, elbows and hands are protected from the metal framework. As it is attached to the seat and not the frame of the stroller it works whether the child is forward or rearward facing.

Cushions and fabrics

All the cushions are made from composite layers of varying densities of foam and polyester fiber to offer optimum support and comfort.

All the cushions are covered with severe contract grade 100% Polyester fabric that is moisture resistant but allows airflow (moisture vapor permeable 65%) (BS 3546), urea resistant and is anti-microbial / antifungal to prevent growth of cultures such as MRSA, E.coli and Salmonella (AATCC test method 147 - 1998 AATCC test method 30 - 1998).

The covers are also flame retardant and meet the requirements of health and domestic furnishings (BS 7176: 1995 (Direct) Ignition Source 0, 1 and 5 CAL TB 116 and 117, NFPA 260 (USA).

The covers are permanently attached to the cushions and do not require machine washing. If you're out and about they can be easily wiped down and cleaned on the seat, minimizing inconvenience to the user and caregiver.

They can also be cleaned with antiseptic cleaning agents such as Isopropyl Alcohol or Mineral spirit (alcohol wipes), diluted bleach 10%, Haz tabs and Chlor-Clean.