

**LECKEY**®

# Squiggles Seating System

~~Star~~  
squiggles









# Squiggles

**LECKEY<sup>®</sup>**

We are dedicated to ensuring we play our part in helping kids to make the most out of every day by following our key design principles:

- 1 Child-centred & clinically sound
- 2 Easy-to-use & lightweight
- 3 Durable & dependable
- 4 Attractive & desirable
- 5 Recyclable & reusable





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The **Squiggles Seating System** for children aged **1-5 years** benefits from a number of improved design features and more advanced materials, making it more comfortable and easier to care for.

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### **Practicality**

Removeable machine washable covers, 40°C.

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### **Durability**

Allen key screws supplied as standard with anti-vibration washers to prevent loosening through continued use.

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### **Comfort**

A 30mm one piece seat base cushion ensures comfort, allowing the child to focus on other activities.



## And we offer so much more!

### Head

Wide, contoured headrest providing greater lateral support.

### Trunk

Contoured shoulder pad increases back height by 75mm.

Easy-to-use tray locking mechanism.

Padded grab rail can be used instead of tray in buggies.

### Pelvis

Pelvic harness attachment points and webbing reinforced to cater for kids with strong extensor patterns.

Width adjustment on hip laterals up to 260mm.

### Legs & Feet

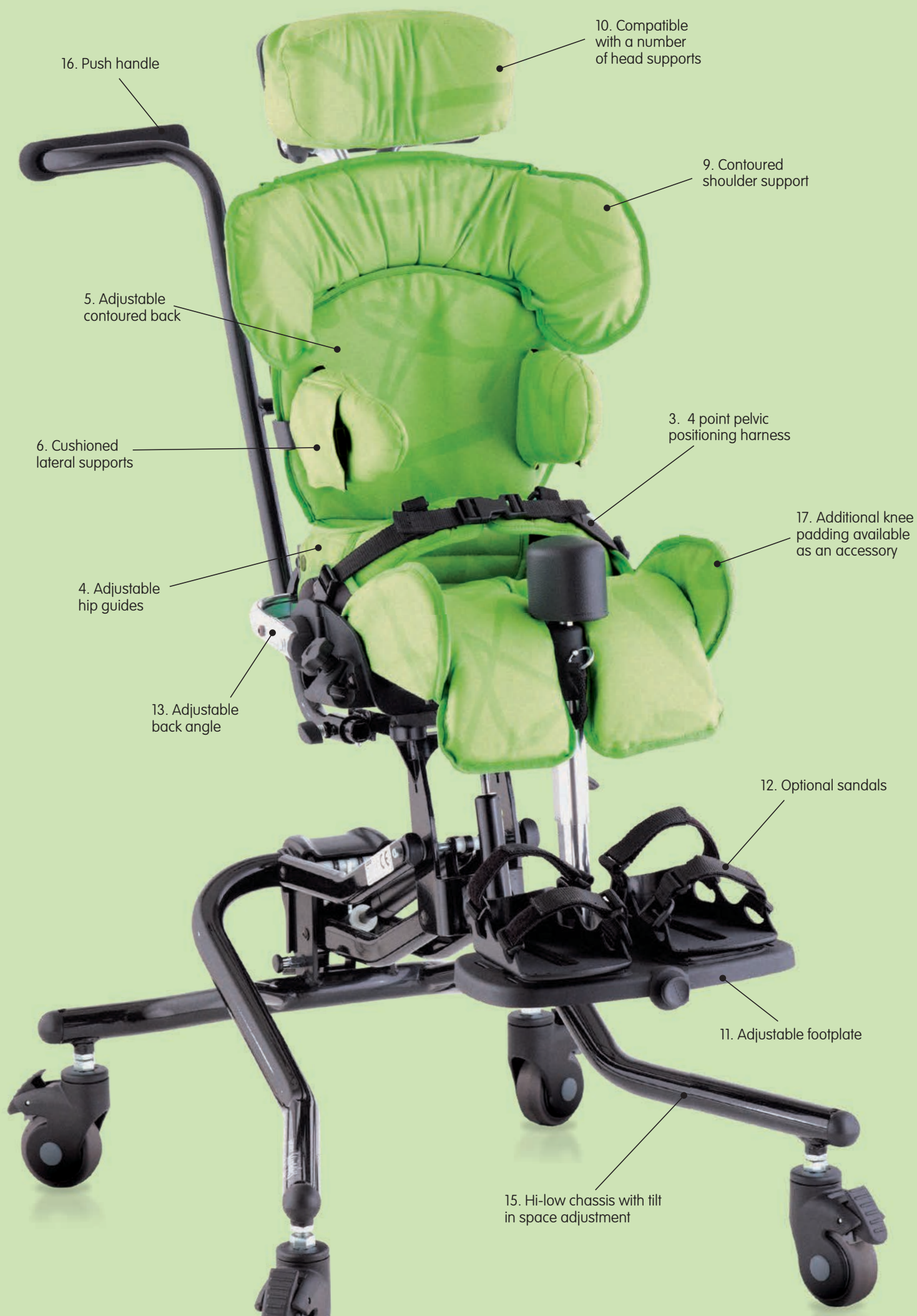
Additional lateral padding at knees, up to 30mm both sides. Helps prevent low tone kids' legs from abducting - accessory only.

### Chassis

Tilt-in-space on Hi-low chassis, giving 30° recline.







1. Flexible sacral cushion, which can be shaped to the child's lower back, supports the lower spine in the desired position by encouraging a degree of forward tilt in the pelvis and lower trunk extension.
2. Ramped base cushion prevents the child sliding forward.
3. 4 point pelvic harness is adjustable to give a secure, stable base of support and is cushioned for the child's comfort.
4. Hip guides are also adjustable for optimised postural support.
5. Contoured back can be adjusted to the child's height.
6. Cushioned lateral supports provide side support to help maintain a safe, upright position.
7. Chest harness can be attached to provide further support whilst maintaining the child's freedom to enjoy activities.
8. Trunk harness may be used if the child would benefit from side, front and shoulder support.
9. Contoured shoulder support angle adjusts to provide shoulder protraction which helps balance the head and trunk over the pelvis.
10. Headrest is compatible with a variety of head supports: Whitmyer, Otto Bock and other leading brands.
11. Adjustable footplate, which can be tilted to the preferred angle, ensures that the feet are well supported, providing a secure base for maximum upper body function. The footplate flips away to allow for easy transfers.
12. Sandals can be used to position the feet securely.
13. Adjustable back angle mechanism maintains the position of the head and trunk supports as the back angle is changed.
14. Activity tray supports a wide range of activities. A grab rail can also be attached to assist the child if required.
15. Hi-low chassis can adjust from floor to table height allowing the child to enjoy a wide range of activities from circle time to family meals. The chassis has angle adjustment for tilt in space supporting various postures. All adjustments can be made safely with the child in the seat.
16. Push handles allow the chair to be easily moved around the home or classroom.



1. Flexible lumbar and sacral cushion



2. Ramped base cushion



7. Optional chest harness



8. Trunk harness



14. Activity tray



|                               |   |
|-------------------------------|---|
| The Squiggles Seating system. | The standard product includes:<br>Seat base: backrest; sacral support; upper leg support; chassis interface lock. |
|-------------------------------|---|

## Squiggles seating system product sizes

|   |  |  |
|---|--|--|
| Age (approx)  | 1 - 5  |  |
| Max user weight   | 22kg / 48.4lbs                                     |  |
| User height   | Min 750mm / 29.5 inches                            | Max 1100mm / 43.3 inches                                 |
| Seat width (distance between hip guides)                            | Min 160mm / 6.3 inches                             | Max 260mm / 10.2 inches                                  |
| Seat depth (back support to back of knee)                           | Min 190mm / 7.5 inches                             | Max 290mm / 11.4 inches                                  |
| Knee width (distance between pommel and side of seat)               | Max 90mm / 3.5 inches                              |  |
| Footplate   | Plantarflexion 10°                                 | Dorsiflexion 10°   |
| Chest width (distance between laterals)                             | Min 160mm / 6.3 inches                             | Max 220mm / 8.75 inches                                  |
| Backrest height (sitting shoulder height)                           | Min 320mm / 12.6 inches                            | Max 380mm / 15 inches                                    |
| Backrest height (with shoulder support)                             | Min 420mm / 16.5 inches                            | Max 480mm / 18.9 inches                                  |
| Backrest angle  | Prone 10°  | Recline 25°  |
| Seat to footplate (Sole of foot to back of knee)                    | Min 122.5mm / 4.80 inches                          | Max 270mm / 10.6 inches                                  |
| Tilt in space - Hi-low chassis                                      | Prone 10°  | Recline 30°  |
| Tilt in space - Easy chassis  | Prone 20°  | Recline 20°  |
| Top of seat to floor (Easy chassis)                                 | Min 280mm / 11 inches                              | Max 380mm / 15 inches                                    |
| Top of seat to floor (Hi-low chassis)                               | Min 270mm / 10 inches                              | Max 650mm / 25 inches                                    |
| Tray height (seat to top of tray)                                   | Min 115mm / 4.5 inches                             | Max 170mm / 6.7 inches                                   |
| Tray size   | 460mm x 560mm                                      | 18.1 inches x 22 inches                                  |
| Seat unit (minimum dimensions for storage)                          | Weight 6kg / 13.2lbs<br>Width 370mm / 14.6 inches  | Length 370mm / 14.6 inches<br>Height 400mm / 15.7 inches |
| Hi-low chassis (excluding push bar; minimum dimensions for storage) | Weight 9kg / 19.8lbs<br>Width 540mm / 21.3 inches  | Length 640mm / 25.2 inches<br>Height 315mm / 12.4 inches |
| Easy chassis (excluding push bar; minimum dimensions for storage)   | Weight 4.5kg / 9.9lbs<br>Width 525mm / 20.7 inches | Length 630mm / 24.8 inches<br>Height 265mm / 10.4 inches |

## Chassis Options

**Hi-low Chassis**  
Indoor Chassis  
Foot pedal



**Easy Chassis**  
Manual adjustment  
(Gas Spring)



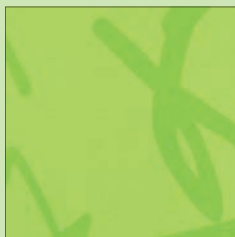


## Seat Shell

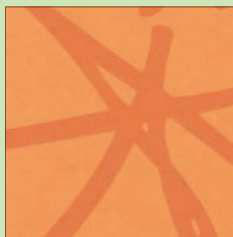


Seating system:  
Seat Shell

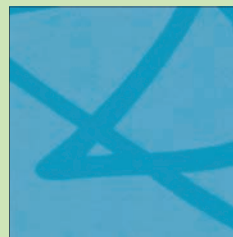
## Colour Options



Seat covers Green



Seat covers Orange

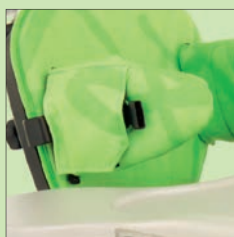


Seat covers Blue



Seat covers Pink

## Accessories



Rigid lateral support hardware  
and lateral support covers



Contoured headrest cushion  
Does not include hardware



Flat headrest cushion  
Does not include hardware



Lateral bracket assembly  
hardware and head-hip  
lateral cover



Support harness



Pelvic harness



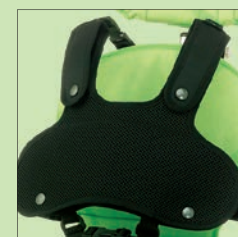
Flip-away lateral support  
hardware and lateral support  
covers



1" Spacer pad & laterals and  
1" Spacer pad only



Sandals



Trunk harness



Padded tray insert



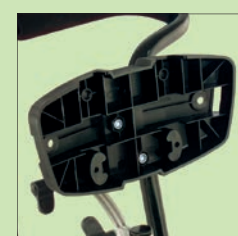
Pommel



Footplate



Tray



Headrest support -  
no cushion. Hardware only.



Protraction Pads



Grab rails



Cosyshell (does not include  
covers)



Shoulder support assembly and  
shoulder support cushion



Established in 1983, Leckey is a globally recognised pioneer in the research and development of products that help adults and children with disabilities to go, do, enjoy and participate in everyday activities throughout the day and night.

We take a highly clinical approach to product design and development. Through in-depth clinical research studies with leading universities, and extensive trials with occupational therapists, physiotherapists, users and their families, we continue to develop posturally supportive, family friendly products for all day care, at every stage of life.

Through early intervention, childhood and adulthood Leckey's experienced team of designers, therapists and bioengineers work together to develop products that meet the clinical needs of the healthcare professionals and the social needs of the user.

To achieve this, we work with the healthcare professionals, the individuals and carers who use our products everyday. With their help, we create the dependable, durable, proven and high performance products that we are known for worldwide.







sleepfirm

24 hour postural  
care for babies,  
kids & adults.  
Sleeping, Sitting,  
Standing, Walking,  
Moving, Bathing,  
Toileting.