

## Gill 4 Wheelbase options

The Gill 4 seating system can easily be transferred into alternative bases depending on the environment it is to be used for.

### Gill 4 fitted to Invicta powered wheelchair

- Compact wheelbase
- Suitable for transportation
- Indoor & outdoor use
- Various control options



### Gill 4 fitted to Discovery wheelbase

- Tilt in space
- Suitable for transportation
- Indoor & outdoor use
- Height adjustable push handle



### Gill 4 fitted to Spider home frame

- Height adjustable
- Removable push handles
- Tilt in space
- Indoor use



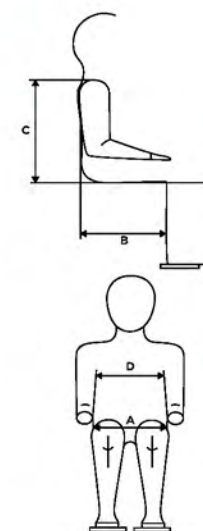
## Technical Specification

### Standard Gill 4 comprises of:

- Seat interface
- Dynamic backrest
- Seat cushion with adjustable ischial block
- Seat & backrest
- Adjustable sacral support
- Choice of machine washable covers
- Fixed pelvic pads
- Headrest
- Swing away thoracic pads
- Pelvic belt

A full range of accessories are available from the RMS Accessory Catalogue.

Gill IV Seating System Size	Size 1	Size 2	Size 3
Pelvic width min/max (A)	19cm/36cm	25cm/40cm	31cm/46cm
Seat depth min/max (B)	19cm/29cm	26cm/36cm	34cm/44cm
Thoracic width min/max (D)	19cm/36cm	25cm/40cm	31cm/46cm
Sacral pad height	10cm	12.5cm	15cm
Back height small (C)	30cm	38cm	46cm
Back height medium (C)	38cm	46cm	54cm
Back height large (C)	46cm	54cm	60cm
Weight capacity	50Kg	50Kg	50Kg
Weight	11.9Kg	14.7Kg	16Kg



### Dynamic Backrest

<b>Dynamic resistance Bush</b>	Low: 	Medium: 	High: 
<b>Fixed resistance Bush</b>	90° : Brown	95° : Brown	100° : Brown

### Transportation


Successfully crash tested to ISO16840 part 4




### Upholstery

There are five colour options available:

Black/Red edging 

Black/Purple edging 

Black/Navy Blue edging 

Black/Royal Blue edging 

Black/Black edging 



Machine washable covers



# 4 Dynamic Seating System



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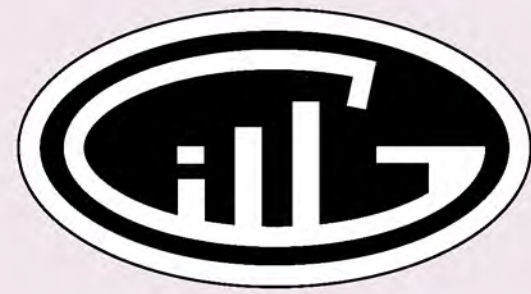
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British design and quality





# 4 Dynamic Seating System

The Gill 4 system is designed to meet the needs of wheelchair users who have an inability to maintain a symmetrical and unsupported sitting posture.

The Gill 4 has a Dynamic backrest which permits the user to extend safely, whilst ensuring that the posture is returned to neutral, rather than allowing the user to adopt a poor sitting posture.

The Gill 4 is fully adjustable allowing the seat to grow with the individual, thereby continuing to meet postural need, whilst also ensuring cost effectiveness seating solution.

### Thoracic supports

To provide lateral trunk stability: many wheelchair users are able to maintain an upright sitting posture if given assistance. The Gill 4 lateral supports maintain trunk support and alignment; they also swing away in order to promote ease of transfer.

### Pelvic Supports Guides

To ensure that the pelvis remains in a laterally neutral position: it is important that any seating system reduces the tendency of the pelvis to move obliquely or to rotate (which can lead to wind sweeping of the lower limbs). The Gill 4 pelvic supports guide the person's seated position into a neutral lateral tilt of the pelvis, preventing it from adopting an oblique or rotated position.

### Foot Support

Adequate foot support is crucial to ensuring sitting stability. Provision of foot support in both height and angle adjustability enables the user to gain sitting stability.

It is therefore essential that the footrest height and footplate angle support the feet in the optimum position.

### Headrest

To facilitate head control and position, for driving powered chair / to aid feeding / to reduce the risk of aspiration. The Gill 4 has an adjustable headrest which enables the user's head to be supported appropriately, even if the head cannot be supported conventionally in the midline.

### Dynamic Backrest

Designed to reduce the effect of extensor thrust: many seating systems prohibit the user from extending within the seating system, despite the tendency of many users to do this; as a result once the user has undertaken an extensor thrust, they lose their neutral sitting posture and frequently adopt a posterior pelvic tilt as a consequence. If this posture is not addressed, it will become fixed and will need to be accommodated. The dynamic backrest of the Gill 4 permits the user to extend safely, whilst ensuring that the posture is returned to neutral, rather than allowing the user to adopt a poor sitting posture. Therefore the interaction of the seat and back components of the Gill 4 contributes to maintaining an optimum sitting posture.

### Seat & Sacral Support

To stabilise and anchor the pelvis and reduce the tendency to sit in a poor posture: the Gill 4 supports sitting posture. The horizontal seat with adjustable ischial block captures and stabilises the ischial tuberosities; the adjustable sacral support simultaneously blocks the posterior superior iliac spine of the pelvis, reducing the tendency to sit in a posterior pelvic tilt (sacral sitting). Thus, the interaction of these two components promotes an upright sitting posture.

### Adjustability & Size

To provide an optimum sized seating system: most young people grow rapidly in leg length, rather than in seat width, which can result in them outgrowing the seating system quickly. The Gill 4 has an adjustable seat depth, enabling the seat to grow with the individual, thereby continuing to meet postural needs, whilst also ensuring cost effectiveness. The Gill 4 is available in three sizes, enabling the initial baseline size to be met and for flexibility of size to be maintained.

### Armrests

To promote transfers: many wheelchair users are able to undertake sideways transfers, if the seating system enables this. The Gill 4 has removable armrests, which allows the user to undertake sideways transfers with ease, but without causing damage to skin integrity. Furthermore, the armrests are height adjustable, allowing for optimum support of each arm, even if the requirement is asymmetrical.

